

पेटेंट कार्यालय  
का  
शासकीय जर्नल

**OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE**

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शुक्रवार  
**FRIDAY**

दिनांक: **30/12/2011**  
DATE: **30/12/2011**

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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

## **INTRODUCTION**

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 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.

(P H Kurian)  
**CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS**

30<sup>th</sup> DECEMBER, 2011

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**THE PATENT OFFICE  
KOLKATA, 30/12/2011**

**Address of the Patent Offices/Jurisdictions**

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

1	<p>Office of the Controller General of Patents, Designs &amp; Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: <a href="mailto:cgpdtm@nic.in">cgpdtm@nic.in</a></p>	4	<p>The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai – 600 032.</p> <p>Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: <a href="mailto:chennai-patent@nic.in">chennai-patent@nic.in</a></p> <ul style="list-style-type: none"> <li>❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.</li> </ul>
2	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: <a href="mailto:mumbai-patent@nic.in">mumbai-patent@nic.in</a></p> <ul style="list-style-type: none"> <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> </ul>	5	<p>The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091</p> <p>Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: <a href="mailto:kolkata-patent@nic.in">kolkata-patent@nic.in</a></p> <ul style="list-style-type: none"> <li>❖ Rest of India</li> </ul>
3	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075</p> <p>Phone: (91)(11) 2808 1921 – 25 Fax: (91)(11) 2808 1920 &amp; 2808 1940 E.mail: <a href="mailto:delhi-patent@nic.in">delhi-patent@nic.in</a></p> <ul style="list-style-type: none"> <li>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, Delhi and the Union Territory of Chandigarh.</li> </ul>		

Website: [www.ipindia.nic.in](http://www.ipindia.nic.in)  
[www.patentoffice.nic.in](http://www.patentoffice.nic.in)

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

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

**पेटेंट कार्यालय**  
**कोलकाता, दिनांक 30/12/2011**  
**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 हैं :-**

1	<p>कार्यालय: महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई -400 037, भारत. फोन: (91)(22) 24123311 फैक्स: (91)(22) 24123322 ई.मेल: <a href="mailto:cgpdtm@nic.in">cgpdtm@nic.in</a></p>	4	<p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु इंगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: <a href="mailto:chennai-patent@nic.in">chennai-patent@nic.in</a></p> <p>❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्ष्मीप</p>
2	<p>पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई - 400 037, फोन: (91)(22) 2413 7701, फैक्स: (91)(22) 2413 0387 ई.मेल: <a href="mailto:mumbai-patent@nic.in">mumbai-patent@nic.in</a></p> <p>❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p>	5	<p>पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय), बौद्धिक संपदा भवन, सीपी-2, सेक्टर-V, साल्ट लेक सिटी, कोलकाता- 700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स/Fax: (91)(33) 2367 1988 ई.मेल: <a href="mailto:kolkata-patent@nic.in">kolkata-patent@nic.in</a></p> <p>❖ भारत का अवशेष क्षेत्र</p>
3	<p>पेटेंट कार्यालय दिल्ली, बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर - 14, द्वारका, नई दिल्ली - 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई.मेल: <a href="mailto:delhi-patent@nic.in">delhi-patent@nic.in</a></p> <p>❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़</p>		

वेबसाइट: <http://www.ipindia.nic.in>

[www.patentoffice.nic.in](http://www.patentoffice.nic.in)

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाएँ, विवरण या अन्य दस्तावेज या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे ।

शुल्क: शुल्क या तो नकद 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 जाहौं उपयुक्त कार्यालय स्थित हैं।

## **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.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(P H Kurian)

**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 no third party representation.



सैद्धांतिक सम्पद भारत  
सैद्धांतिक प्रक्रियाएँ विद्या  
विद्युतीय विकास भारत  
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Patent Information System



भौद्धिक सैद्धांतिक सम्पद भारत  
विद्युतीय CP-2, बैरो सेक्टर-V, मेरठ सैलैक  
कोलकाता - 700 091.

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(91)(33)2367 1987(D),  
Fax : (91)(33)2367 1988/1353,  
E-Mail : kolkata-patent@nic.in  
www/Website : [www.ipindia.nic.in](http://www.ipindia.nic.in),  
[www.ipindia.gov.in](http://www.ipindia.gov.in)

राज्य/No:- H-45011/1/2004-Admn.

दिनांक/Date: 05-12-2011

### LIST OF HOLIDAYS FOR THE YEAR – 2012

The following days have been declared as Holidays to be observed by the Patent Office Kolkata during the year 2012.

Sl. No.	Holidays & Connected Festivals	Date	Days of Week
1.	Republic Day	January 26	Thursday
2.	Id-E-Milad/Prophet Mohammad's Birthday	February 05	Sunday
3.	Holi/Dolyatra in West Bengal	March 08	Thursday
4.	Mahavir Jayanti	April 05	Thursday
5.	Good Friday	April 06	Friday
6.	Buddha Purnima	May 06	Sunday
7.	Janmashtami	August 10	Friday
8.	Independence Day	August 15	Wednesday
9.	Idul Fitri	August 20	Monday
10.	Mahatma Gandhi's Birthday	October 02	Tuesday
11.	Additional Day for Dussehra (Maha Ashtami)	October 22	Monday
12.	Dussehra (Vijaya Dashami)	October 24	Wednesday
13.	Id-uz-Zuha (Bakrid)	October 27	Saturday
14.	Diwali/ Kali Puja	November 13	Tuesday
15.	Muharram	November 25	Sunday
16.	Guru Nanak's Birthday	November 28	Wednesday
17.	Christmas Day	December 25	Tuesday

Note: Central Government Organizations, which include industrial, commercial & training establishments (i.e. other than doing work of Secretariat nature) would observe 16 holidays in a year out of which 3 namely Republic Day, Independence Day and Mahatma Gandhi's Birthday will be compulsory. The remaining holidays/occasions may be determined by such Establishments/Organizations themselves on year to year basis.

In deciding whether a particular Deptt/Establishment/Organization an industrial, commercial or trading organizations (i.e. other than those doing work of Secretariat nature) the decision maybe taken by the respective Ministry/Ministry of Home Affairs, New Delhi.

The date of Holidays for the Muslim festivals may be changed on sighting of the Moon and decision to be taken by the State Govt.



बौद्धिक सम्पदा भारत  
एकाई/अधिकारीय प्रणाली  
बोर्ड/संस्थान  
बौद्धिक संपदा बनाने की सुविधा  
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Geographical Indication/  
Plant Information System



भारत सरकार  
GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

संख्या/No: ए-45011/1/2004-प्रशा.

बौद्धिक सम्पदा मंदिर/BOUDDHIK SAMPODA BHAWAN  
सीटी/CP-2, सेक्टर-V, सॉल्ट लेक/SALT LAKE  
कोलकाता/KOLKATA- 700 091  
दूरभाष/Tel : (91)(33)2367 1943-46  
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ई-मेल/E-Mail : kolkata-patent@nic.in,  
वेब साइट/Website: [www.ipindia.nic.in](http://www.ipindia.nic.in),  
[www.ipindia.gov.in](http://www.ipindia.gov.in)

दिनांक/Date: 05.12.2011

## वर्ष 2012 में छुट्टियों की सूची

वर्ष 2012 के दौरान पेटेंट कार्यालय कोलकाता के लिए निम्नलिखित दिनों को छुट्टी घोषित किया जाता है।

क्रम संख्या	छुट्टियों तथा स्वांधित त्योहार	दिनांक	सप्ताह के दिन
1.	गणतंत्र दिवस	जनवरी, 26	गुरुवार
2.	प्रोफेट नोहमन जन्मदिवस (ईद-ए-मिलाद)	फारवरी, 05	रविवार
3.	होली/दोलयात्रा प.बंगाल में	मार्च, 08	गुरुवार
4.	महाबीर जयंती	अप्रैल, 05	गुरुवार
5.	गुड फ्राइडे	अप्रैल, 06	शुक्रवार
6.	बुद्ध पुण्यमा	मई, 06	रविवार
7.	जन्माष्टमी	अगस्त, 10	शुक्रवार
8.	स्वतंत्रता दिवस	अगस्त, 15	बुधवार
9.	ईद-उल-फितर	अगस्त, 20	सोमवार
10.	महात्मा गांधी जयंती	अक्टूबर, 02	मंगलवार
11.	दशहरा के लिए अतिरिक्त दिवस (महाअष्टमी)	अक्टूबर, 22	सोमवार
12.	दशहरा (विजया दशमी)	अक्टूबर, 24	बुधवार
13.	ईद-उल-जुहा (बकरीद)	अक्टूबर, 27	शनिवार
14.	दिवाली/काली पूजा	नवम्बर, 13	मंगलवार
15.	गुरुर्म	नवम्बर, 25	रविवार
16.	गुरु नानक जयंती	नवम्बर, 28	बुधवार
17.	क्रिसमस डे	दिसम्बर, 25	मंगलवार

टिप्पणी: केन्द्र सरकार के संस्थानों में, जिनमें औद्योगिक, वाणिज्यिक तथा प्रशिक्षण प्रतिष्ठान (यथा सचिवालयीन प्रकृति से पृथक् कार्य करने वाले) शामिल हैं, इस वर्ष 16 अवकाश होंगे जिनमें से 3 (तीन) यथा गणतंत्र दिवस, स्वतंत्रता दिवस तथा महात्मा गांधी जयंती अनिवार्य होंगे। शेष अवकाश/अवसर उन प्रतिष्ठानों/संस्थानों द्वारा प्रत्येक वर्ष स्वयं निर्धारित किए जायेंगे।

कोई दिशेव/प्रतिष्ठान/संगठन औद्योगिक, वाणिज्यिक एवं व्यापारिक प्रतिष्ठान (अर्थात् सचिवालयीन प्रकृति के कार्य करने वाले प्रतिष्ठानों के अतिरिक्त) हैं कि नहीं इसका निर्धारण संबंधित मंत्रालय/गृह मंत्रालय, नई दिल्ली द्वारा किया जाएगा।

मुस्लिम त्योहारों की छुट्टी के दिन चौदह के दिन खुले तथा राज्य सरकार द्वारा लिये गये निर्णय के आधार पर बदल सकते हैं।

## 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.1477/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :24/05/2011

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SINGLE PCR, SINGLE LIGATION AND SINGLE TRANSFORMATION METHOD TO GENERATE INTRON CONTAINING HAIRPIN RNA FOR RNA INTERFERENCE IN PLANTS

(51) International classification	:C12N	(71) <b>Name of Applicant :</b> <b>1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)</b> Address of Applicant :KRISHI BHAWAN, 1, DR. RAJENDRA PRASAD ROAD, NEW DELHI-110 001 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) <b>Name of Inventor :</b> <b>1)MALIGEPPAGOL, MANAMOHAN, S.</b> <b>2)ASOKAN, RAMASAMY</b> <b>3)KRISHNA KUMAR, N.K.</b> <b>4)SHARATH CHANDRA, G.</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

RNA interference is an important tool with huge potential in agriculture, medicine and industry. For example in agriculture, it is valuable for functional genomics and transgenic applications in plants to impart traits of interest by gene silencing among the others. It is cumbersome, relatively expensive and time consuming to assemble DNA molecules to form dsRNA molecules necessary for the biological function. The present invention provides for rapid, simple and comparatively cost effective technique and vector to assemble DNA molecules in a predetermined orientation of sense-intron/spacer-antisense or its combinations to produce DNA constructs useful in plant transformations not limiting to Agrobacterium mediated plant transformation. The method employs single PCR reaction, single ligation and single bacterial transformation reaction to generate the binary vector containing the DNA molecules in desired order for assembling a the inverted repeat interspersed with an intron. Using this approach, DNA constructs are assembled rapidly, cost effectively with minimized efforts.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2011

(21) Application No.3819/DELNP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : MOUNTING FOR A REPLACEABLE TOOL

(51) International classification	:E21C 35/19
(31) Priority Document No	:AU 2008905769
(32) Priority Date	:07/11/2008
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2009/001447
Filing Date	:06/11/2009
(87) International Publication No	:WO 2010/051593
(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)BRADKEN RESOURCES PTY LIMITED

Address of Applicant :2 MAUD STREET, MAYFIELD WEST, NEW SOUTH WALES 2304, AUSTRALIA

(72)Name of Inventor :

1)CHARLTON, MITCHELL BRIAN

(57) Abstract :

A mounting for a replaceable tool on a ground-engaging machine, the mounting having a tool holder having an aperture extending into a body portion of the tool holder for receiving a projecting mounting portion of the tool, the tool holder having an inter-engagement structure for mechanically engaging with a base having a complementary structure, the base being adapted to be fixed to the machine, and the mounting further having retaining means for cooperating with the holder and the tool when installed to retain the holder on the base. Figure: 1

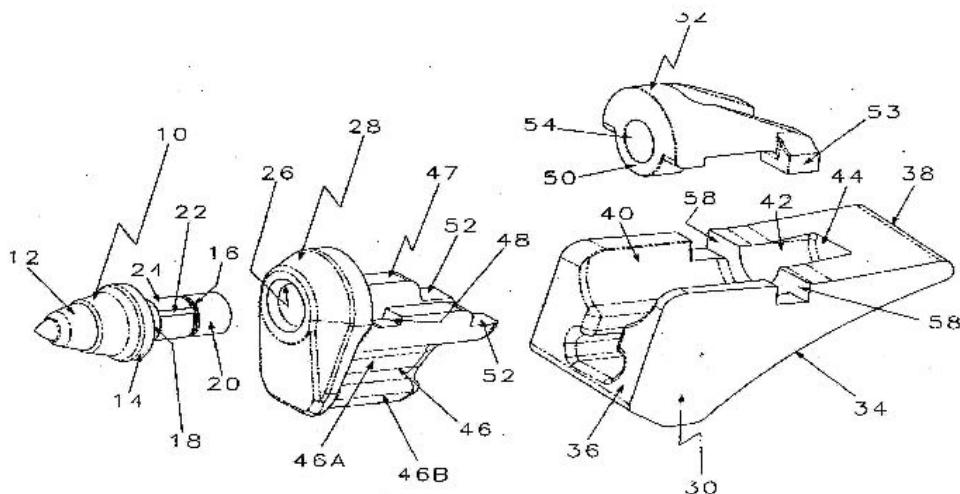


FIG 1.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2011

(21) Application No.4416/CHE/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : INDIAN ABACUS

(51) International classification	:G06C1/00	(71) <b>Name of Applicant :</b> <b>1)UCMAS (INDIA) PVT. LTD.,</b> Address of Applicant :REGD. NATIONAL CORPORATE OFFICE: NO.A1-1857, 13TH MAIN ROAD, 6TH AVENUE, ANNANAGAR WEST, CHENNAI 600 040 Tamil Nadu India
(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	

(57) Abstract :

Indian Abacus is used for coaching young children of the age group 4-13 years for doing Abacus Mental Arithmetic calculations - Mental Arithmetic by image of Abacus. Indian Abacus is a calculating device (calculator) which can be used with finger manipulations by the children of the age group mentioned.

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2011

(21) Application No.2025/CHE/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : INTERNAL PRESSURE ENGINE

(51) International classification	:F01B
(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)N. RAMESH

Address of Applicant :NO.9, BOSE NAGAR C4TH STREET,  
PUDUKKOTTAI - 622 001 Tamil Nadu India

(72)Name of Inventor :

1)N. RAMESH

(57) Abstract :

The invention is a hydraulic system. This system input power from electric motor. When it received power, the crank shafts rotate. Top and bottom pressure cylinder created pressure on the crank shaft since the crank shaft are modeled on angle method. So top and bottom cylinder are started to work automatically through the internal pressure now the crank shaft rotate continuously. The created pressure is received as the output power crank shaft.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2011

(21) Application No.4392/CHE/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : SYSTEM AND METHOD FOR ESTIMATING COMPATIBILITY BETWEEN ENTITIES TO EXPLORE RELATIONSHIP

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	1)CHANDAHALLI SESHADRI IYENGAR NAGARAJAN
(32) Priority Date	:NA	Address of Applicant :#422 Upstairs 4th Main 17th Cross
(33) Name of priority country	:NA	Vidyaranyapuram Mysore Karnataka India
(86) International Application No Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	1)CHANDAHALLI SESHADRI IYENGAR NAGARAJAN
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A system and method are provided to facilitate matching profiles of users. The system includes a questionnaire database a user information database and a profile matching module. The questionnaire database is configured to store questions wherein the questions are directed towards determining principles of users which may have a bearing on workability of a relationship. The user information database is configured to store a profile for each user based on answers provided by respective users to one or more questions selected from the questionnaire database and the profile matching module is configured to determine compatibility between profiles of at least two users for exploring the relationship. Reference figure: FIG. 3

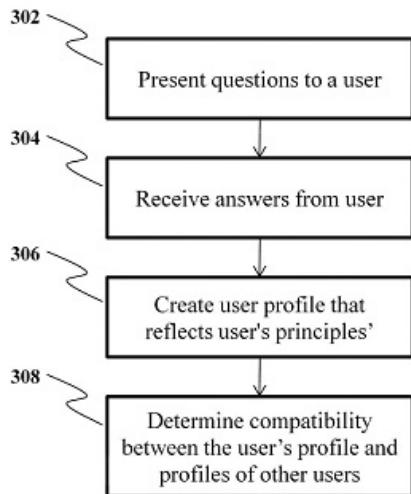


FIG. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2011

(21) Application No.4458/CHE/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : WHEELCHAIR

(51) International classification	:A61G5/00
(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	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NARAYANAN RAMACHANDRAN

Address of Applicant :Villa 8 Prestige Regent Place 28/2  
Thubarahalli Bangalore 560 066 Karnataka India

2)ARUNA ANANDKUMAR

(72)Name of Inventor :

1)NARAYANAN RAMACHANDRAN

2)ARUNA ANANDKUMAR

(57) Abstract :

The present disclosure relates to a wheelchair for transportation of disabled person. The wheelchair comprises a chassis plurality of wheels fixed to either end of chassis. Atleast one vertical support member mounted at predetermined location on the chassis to support a plurality of tubular fixator. A seat is joined to the tubular fixator which is pivoted onto the vertical support member and plurality of friction knobs are provided on the tubular fixator to lock the horizontal and vertical movement of tubular fixator. FIG. 1

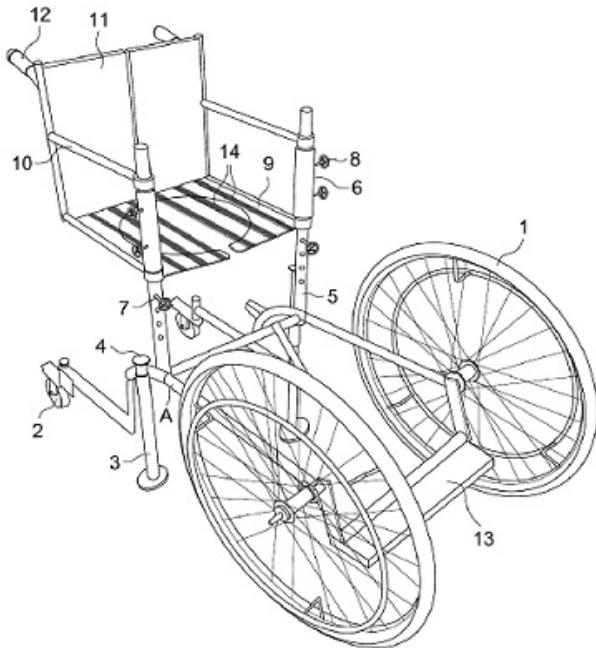


FIG. 1

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2011

(21) Application No.4560/CHE/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : WATER STORAGE SYSTEM WITH CONTROL VALVE

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(51) International classification	:E03B
(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)M C DAVID**

Address of Applicant :KARMMEL, MANAKKATU PADEETTATHIL, KAYAMKULAM 690 502 Kerala India

(72)Name of Inventor :

**1)M C DAVID**

(57) Abstract :

A water storage system with control valve is disclosed herein. In the said system, rain water is harvested in a separate storage area inside a well, wherein further control valve means is provided at the bottom of the said water storage area to facilitate upward flow of ground water if required, wherein the said operation of the control valve is accomplished manually from the top of the well. A floating potable water chamber, to be placed in a wider water body such as pond or lake, is also disclosed. The said chamber comprises of a bag made of waterproof material, wherein the rim of the said bag is secured to inflatable units tied together by rope. Means to channelize rain water to the said chamber is also disclosed.

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

## 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.1053/DELNP/2005 A

(19) INDIA

(22) Date of filing of Application :17/03/2005

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : A METHOD FOR CALCULATING A NUMBER OF DATA PACKETS IN A COMMUNICATION NETWORK

---

(51) International classification	:H04L 12/56	(71) <b>Name of Applicant :</b> <b>1)SAMSUNG ELECTRONIC CO., LTD.</b> Address of Applicant :416, MAETAN-DONG, PALDAL-GU, SUWON-SHI, KYUNGKI-DO, REPUBLIC OF KOREA
(31) Priority Document No	:26142/2001	
(32) Priority Date	:14/05/2001	
(33) Name of priority country	:Republic of Korea	(72) <b>Name of Inventor :</b> <b>1)SUNG, WON-LEE</b>
(86) International Application No	:PCT/KR02/00898	
Filing Date	:14/05/2002	
(87) International Publication No	:WO 02/093847	
(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 :

Disclosed is an apparatus and method for controlling packet data transmission between a base station controller (BSC) and a base transceiver system (BTS) in a mobile communication network. The BSC transmits as much packet data as an amount that can be actually stored in a buffer of the BTS. The BTS has the buffer for temporarily storing the packet data to be transmitted to a mobile station, received from the BSC.

No. of Pages : 39 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2010

(21) Application No.1442/DEL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : A DEVICE TO UTILISE INTRINSIC ENERGY OF WATER MOVEMENT

---

(51) International classification	:G01J5/34;	(71) <b>Name of Applicant :</b> <b>1)ASHISH KUMAR DEB</b> Address of Applicant :BD-95, JANAKPURI, NEW DELHI-110058, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)ASHISH KUMAR DEB</b>
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 device to utilize intrinsic energy of the water movements is disclosed. The device comprises a platform to support at least one large body secured with an outer shaft. The outer shaft is secured with said platform. A plurality of channels provided in the large body to accommodate at least one blade, adapted to move in up and down directions, in each of the channels. An energy accumulator is secured with an inner shaft below the large body to receive rotational movement from the large body and conveying the same to a gear box provided above the platform. A power generator provided to receive rotational movement from the gear box and generate electric power. Control means are provided to operate blade movement means. Support means are provided support the large body rotatably and to provide up and down movement to the large body.

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2010

(21) Application No.1445/DEL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PROCESS FOR PREPARING PURE  $\alpha$ -FORM OF IMATINIB MESYLATE

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(51) International classification

:C07D401/04;

(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)IND-SWIFT LABORATORIES LIMITED**

Address of Applicant :S.C.O. NO.850, SHIVALIK  
ENCLAVE, NAC MANIMAJRA, CHANDIGARH-160 101  
INDIA

(72)Name of Inventor :

**1)BHIRUD SHEKHAR BHASKAR**

**2)JAIN ANSHUL KUMAR**

**3)SHARMA AJAY KUMAR**

---

(57) Abstract :

The present invention relates to an industrially advantageous process for the preparation of  $\alpha$  form of imatinib mesylate, an inhibitor of tyrosine kinases, having residual solvents within specified limits as per ICH guidelines.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2010

(21) Application No.1449/DEL/2010 A

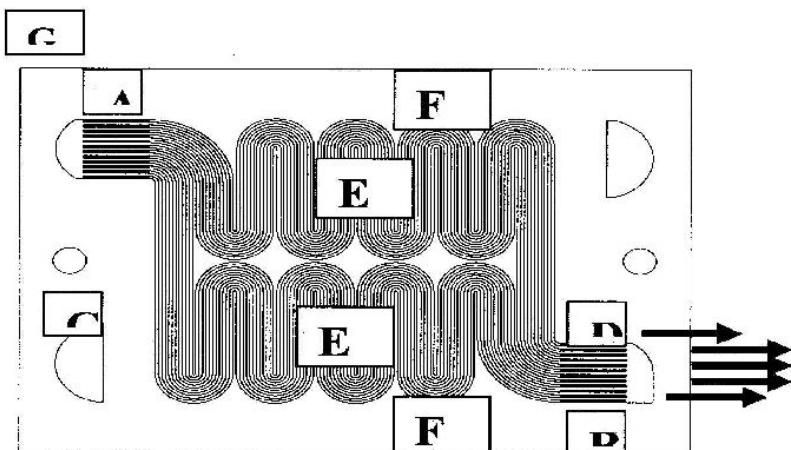
(43) Publication Date : 30/12/2011

(54) Title of the invention : AN IMPROVED GAS AND COOLANT FLOW FIELD PLATE FOR USE IN POLYMER ELECTROLYTE MEMBRANE FUEL CELLS (PEMFC).

(51) International classification	:H01M8/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTERNATIONAL ADVANCED RESEARCH CENTRE
(32) Priority Date	:NA	FOR POWDER METALLURGY AND NEW METERIALS
(33) Name of priority country	:NA	(ARCI), DEPARTMENT OF SCIENCE AND
(86) International Application No	:NA	TECHNOLOGY, GOVT.OF INDIA
Filing Date	:NA	Address of Applicant :N-23, GREEN PARK EXTENSION,
(87) International Publication No	:NA	NEW DELHI, 110016 India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KAVERIPATNAM SAMBAN DHATHATHREYAN
(62) Divisional to Application Number	:NA	2)NATARAJAN RAJALAKSHMI
Filing Date	:NA	3)GURUVIAH VELAYUTHAM
		4)LAKSHMANAN BABU
		5)RANGANATHAN VASUDEVAN
		6)THANDALAM PARTHASARATHY SARANGAN
		7)RADHAKRISHNAN PARTHASARATHY

(57) Abstract :

The present invention relates to an improved anode and a cathode plates for use in PEMFC. The plate for cathode is constructed with multiple converging and diverging flow channels which are constantly expanded or contracted, split into more than one flow stream. The plate for the anode is constructed with two equal segments having curved surfaces. The gas channels have a fluid inlet at one end of the plate and a fluid exhaust at the other end of the plate. The coolant comprises of three regions wherein, the first region being the manifold inlet and second region being the manifold outlet and the third being located between the first two regions and having multiple serpentine channels, the channels being curved at their ends.



No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2010

(21) Application No.1447/DEL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : A METHOD FOR PREPARATION OF NANOELASTIC VESICULAR SYSTEMS

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(51) International classification	:A61K35/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filed on	:2390/DEL/2008 :17/10/2008
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)KAUR, INDU, PAL

Address of Applicant :INDU PAL KAUR, ASSOCIATE PROFESSOR, PHARMACEUTICS UNIVERSITY INSTITUTE OF PHARMACEUTICAL SCIENCES PANJAB UNIVERSITY, CHANDIGARH 160014, Punjab India

2)RANA, CHEENA

3)BAKSHI, GAUTAM

4)KAKKAR, SHILPA

(72)Name of Inventor :

1)KAUR, INDU, PAL

2)RANA, CHEENA

3)BAKSHI, GAUTAM

4)KAKKAR, SHILPA

---

(57) Abstract :

The present invention comprises an improvement in, or a modification of the invention claimed in the specification of the main patent applied for under the application number 2390/DEL/2008. The present invention, in continuation with the main invention, relates to an ethanol injection method for the preparation of nano-vesicles and its use in delivering a therapeutic agent to the posterior eye and the dermal skin layer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2010

(21) Application No.1453/DEL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : A NOVEL PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF OSTEOARTHRITIC PAIN

(51) International classification	:A61K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)AKUMS DRUGS &amp; PHARMACEUTICALS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :304, MOHAN PLACE, LSC, BLOCK-C, SARASWATI VIHAR, DELHI-34. India
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MR. SANJEEV JAIN</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the pharmaceutical composition comprising the combination of lornoxicam and diacerein, which provide the patients a better and faster relief from osteoarthritic pain. The composition can be applied to symptomatic treatments of various febrile illnesses, various arthritises and inflammatory rheumatic diseases, soft tissue rheumatisms, neuralgia, arthralgia and pains, wounds relevant to degenerative diseases of spines, or postoperative pains.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2010

(21) Application No.1454/DEL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : A NOVEL PHARMACEUTICAL COMPOSITION TO TREAT MICROBIAL INFECTIONS

(51) International classification	:A61K	(71) <b>Name of Applicant :</b> <b>1)AKUMS DRUGS &amp; PHARMACEUTICALS LIMITED</b> Address of Applicant :304, MOHAN PLACE LSC, BLOCK-C, SARASWATI VIHAR, DELHI-34. India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)MR. SANJEEV JAIN</b>
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a pharmaceutical formulation comprising Cefixime and Levofloxacin for the treatment of variety of bacterial infections. The present invention exhibits a broad spectrum activity, thereby effective against a number of microorganisms.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2010

(21) Application No.1456/DEL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : E-RETAIL THERMAL PRINTER

(51) International classification	:B41J2/32;	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)HONEYWELL AUTOMATION INDIA LTD.</b>
(32) Priority Date	:NA	Address of Applicant :56&57, HADAPSAR INDUSTRIAL
(33) Name of priority country	:NA	ESTATE, HADAPSAR, PUNE 411 013, Maharashtra India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ARUN CHOUDHARY</b>
(87) International Publication No	:NA	<b>2)VIPIN SONI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)VIJAY PATIL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A thermal printer (100) comprising: a housing (102); a thermal mechanism; a paper holding mechanism; and a cutter unit wherein the thermal mechanism is mounted on the base casing of the said housing (102), said cutter unit is placed pivotally in the top casing (116) of the said housing (102) and said paper holding mechanism is disposed on the base casing (118) of the said housing (102).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2010

(21) Application No.1457/DEL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : A METHOD FOR PERFORMING MAINTENANCE ON A CHROMATOGRAPHY COLUMN

(51) International classification	:G01M3/04;
(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)GE HEALTHCARE BIO-SCIENCES AB

Address of Applicant :PATENT DEPARTMENT,  
BJORKGATAN 30, S-751 84 UPPSALA, SWEDEN

(72)Name of Inventor :

1)DANIEL SALOMONSSON

2)MANOJ KUMAR RAMAKRISHNA

3)PER USELIUS

(57) Abstract :

A method for performing maintenance on a chromatography column (1; 41) comprising the steps of: a) when maintenance is required, detaching a detachable joint (7; 63) between a bottom plate (5; 53) of the chromatography column and a stand (3; 43) on which the chromatography column is provided; b) attaching an adaptor (15; 59) provided in the chromatography system to any part of the chromatography column (1; 41) making it possible to lift the bottom plate (5; 53) from the stand (3; 43) with the adaptor (15; 59); and c) raising the adaptor (15; 59) and thereby also the bottom plate (5; 53) such that maintenance can be performed under.the bottom plate (5; 53).

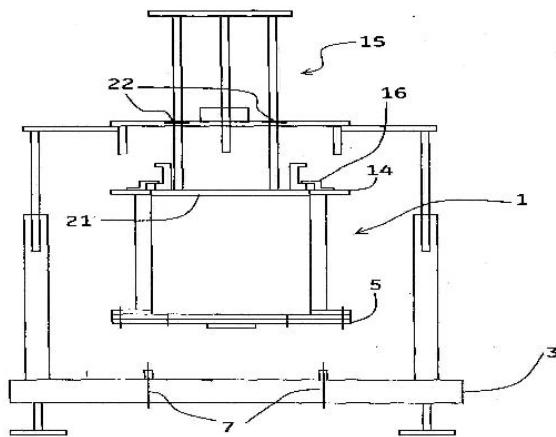


Fig. 1c

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2010

(21) Application No.1458/DEL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : HVAC UNIT FOR OFF-ROAD VEHICLES

(51) International classification	:B60B11/04;	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SUBROS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :PHASE-II, NOIDA, UTTAR
(33) Name of priority country	:NA	PRADESH 201304 India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)D. M. REDDY (CEO, SUBROS LIMITED)</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a roof mounted compact HVAC unit for vehicles. The roof mounted with HVAC unit in the off road vehicle throws the air from top of the cabin to the bottom like shower, which cools/heat the cabin fast & uniform. It also provides the comfort environment conditions to the operator of the off road vehicle by mean of HVAC unit efficiently mounting on roof top with external serviceability.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2010

(21) Application No.1459/DEL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : LIQUID GAS SEPARATOR IN CONDENSER FOR PERFORMANCE ENHANCEMENT

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(51) International classification	:B01D19/00;	(71) <b>Name of Applicant :</b> <b>1)SUBROS LIMITED</b> Address of Applicant :PHASE-II, NOIDA, UTTAR PRADESH-201304 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)D. M. REDDY (CEO, SUBROS LIMITED)</b>
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 :

A multi flow and micro channel condenser assembly specifically suited for vehicular air conditioning applications is disclosed in the present work as having vertically upstanding first and second manifolds (more commonly referred to as headers) and further the said header communicates with the inlet and outlet connections, respectively, and generally horizontally disposed tubes connected into such headers, wherein the second header is inbuilt with a unique tube insert arrangement to permit refrigerant gas to separate from refrigerant liquid to provide an upper volume of refrigerant gas and a lower volume of refrigerant liquid. The condenser may be provided with at least one horizontally extending member and thus as a result placing the lower volume in flow communication with the outlet.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2010

(21) Application No.1460/DEL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SYSTEM AND METHOD FOR OFFERING A REPLICA OF A RADIO STATION BROADCAST ON TELECOM NETWORKS

(51) International classification	:G06F13/00;	(71) <b>Name of Applicant :</b> <b>1)MOHAN, TARON</b> Address of Applicant :E-46/9, OKHLA INDUSTRIAL AREA, PHASE II, NEW DELHI-110020, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)MOHAN, TARON</b>
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 system for offering a replica of radio station broadcast on fixed line/mobile telephony services even if the radio station is not local to the telephone. The system comprises a plurality of servers, the playlist integration servers being connected through the internet to a plurality of radio station playback servers which are dedicated to different radio stations located anywhere in the world and also to music hosting servers, output of integration servers being fed to programme management servers which also receive inputs from playlist management interface, output of programme management servers being fed to fixed line/mobile network playback servers which also receive inputs from advertising management systems, a plurality of mobile users being connected to the fixed line/mobile network playback servers through their telephone networks.

No. of Pages : 29 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2010

(21) Application No.1468/DEL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : AN IMPROVED FUEL OBTAINED FROM BIOMASS AND A PROCESS OF PREPARATION THEREOF

(51) International classification

:C07D

(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)Prem Narayan Singh**

Address of Applicant :A-25 A.N. College Professor Colony  
Sheopuri Patna 800 023 Bihar India

**2)Rakesh Kumar**

(72)Name of Inventor :

**1)Rakesh Kumar**

**2)Anandjiwala R.D.**

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(57) Abstract :

The present invention relates to a biomass reinforced with poly furfuryl alcohol (PFA) based product (PRC) for use as fuel and a method for production of the same. More particularly, the poly furfuryl alcohol (PFA) based biomass based fuel having high calorific value as compared to other conventional sources of energy, such as fossil fuels.

No. of Pages : 27 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2010

(21) Application No.1485/DEL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : 2 IN 1 SHAVING STICK WITH SHAVING BRUSH

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(51) International classification	:B31C
(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)TARUN GAUTAM**

Address of Applicant :B 1/5, SAFDARJUNG ENCLAVE,  
AFRICA AVENUE, NEW DELHI-110029 India

(72)**Name of Inventor :**

**1)TARUN GAUTAM**

(57) Abstract :

A personal hygiene hand -held device which combines the shaving soap stick in a plastic casing which allows the shaving stick to move up and down using a rotating wheel .The device also allows a shaving brush to be fitted at the bottom of the device, thus combining the shaving soap stick and the shaving brush. The user can use the shaving soap stick and replace once it is finished by inserting another soap stick into the plastic case.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2010

(21) Application No.1486/DEL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : AN EFFICIENT SCHOOL ARCHITECTURE

(51) International classification

:B28B

(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)TRANSGENEZ SOLUTIONS & ENGINEERING PVT. LTD**

Address of Applicant :B-64, SECTOR 65, NOIDA 201301

Uttar Pradesh India

(72)Name of Inventor :

**1)SAXENA, POOJA**

(57) Abstract :

The disclosure relates to a school architecture aimed at utilizing maximum benefit from natural resources so as to make the school architecture compliant with green buildings. In an embodiment, the green school architecture comprises of configuring the mode of learning and teaching multiple subject matters non-renewable resource independent and at the same time increasing the effectiveness of imparting education.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2010

(21) Application No.1487/DEL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : A SYSTEM FOR CONSTANT RESPONSE TIME AND CONTROL OF HYDRAULIC POWER OF HYDRAULIC SYSTEM FOR TRACTOR

(51) International classification

:G01B

(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)ESCORTS LIMITED, KNOWLEDGE MANAGEMENT CENTER**

Address of Applicant :15/5, MATHURA ROAD,  
FARIDABAD-121 003 Haryana India

(72)Name of Inventor :

**1)NEERAJ VIJ  
2)JAY GOVIND TRIVEDI  
3)YOGESH SURESH PATIL**

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(57) Abstract :

This invention relates to a system for constant response time and control of hydraulic power of hydraulic system for tractor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2010

(21) Application No.1504/DEL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : USE OF LINSEED (FLAX) STALK WASTE IN MANUFACTURING OF PLASTICS COMPOSITE

(51) International classification	:C08L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MATHURIA, OM PRAKASH</b>
(32) Priority Date	:NA	Address of Applicant :PROJECT INCHARGE AICRP LINSEED & SESAME (ICAR GOVT. OF INIDA) C.S. AZAD UNIV. OF AGRI. & TECH., KANPUR, (UP.) India
(33) Name of priority country	:NA	<b>2)KATIYAR, DR. R.P</b>
(86) International Application No	:NA	<b>3)KUMAR, DR. VIJAY</b>
Filing Date	:NA	<b>4)AKHTAR, DR. SANIA</b>
(87) International Publication No	:NA	<b>5)MISHRA, SANDEEP KRISHNA</b>
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MATHURIA, OM PRAKASH</b>
(62) Divisional to Application Number	:NA	<b>2)KATIYAR, DR. R.P</b>
Filing Date	:NA	<b>3)KUMAR, DR. VIJAY</b>
		<b>4)AKHTAR,DR. SANIA</b>
		<b>5)MISHRA, SANDEEP KRISHNA</b>

(57) Abstract :

The husk of linseed stems is a waste product generated after the linseed fibres have been removed by scutching process. It is an agricultural waste which has no use. Value addition to the waste product by using it as filler in HDPE up to a loading of 50% is the objective of the research work. When no compatibilizer is used 10% loading of husk causes sharp decrease in the strength properties. There is however no further decline in the properties up to a loading of 50%. Only water absorption increases with increasing filler content. To improve the properties a compatibilizer has been added. Further the husk has been chemically treated to make it more compatible with the plastics. The waste bio-fibre filled HDPE has been converted into finished products that can be used for several applications such as partition walls, boards, trays etc. thereby adding value to the waste bio-fibres.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2010

(21) Application No.1505/DEL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : SELF STRATIFIED COATING : HIGH PERFORMANCE EXTERIOR AND ANTICORROSIVE COATINGS FROM SINGLE COAT APPLICATION

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

A coating composition comprising of pigmented silicone soya alkyd resin and pigmented epoxy resin cured with a curing agent which on a single application over a given surface separates into desired coating layers.

No. of Pages : 22 No. of Claims : 0

(71)Name of Applicant :

1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI 110 011 India

(72)Name of Inventor :

- 1)NAIK; RUPESH SAGUN
- 2)PAWAR; SUSHIL SHANTARAM
- 3)MAHATO; TAPAN KUMAR
- 4)KUMAR; DHIRENDRA

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2010

(21) Application No.1506/DEL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : PROCESS FOR BIODEGRADING LOW DENSITY POLYETHYLENE

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(51) International classification

:C08L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION**

Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI 110011 India

(72)Name of Inventor :

**1)TITUS; SUSAN  
2)DESHMUKH; CHITRA  
3)EMANI; TULASI  
4)PRADEEP KUMAR**

(57) Abstract :

A technology for the biodegradation of polyethylene by consortium of bacterial strains having accession numbers MTCC , MTCC and MTCC . The bacterial consortium synergistically brings about degradation of polyethylene. The process involves exposure of polyethylene strips cut and shredded in an inorganic nutrient medium containing the bacterial consortium capable of utilizing polyethylene as the sole source of carbon and energy. The process described in the embodiment facilitates the biodegradation of polyethylene in an eco-friendly, safe, efficient and cost effective manner.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2010

(21) Application No.1509/DEL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF PRASUGREL HYDROCHLORIDE AND ITS INTERMEDIATES□

(51) International classification	:C07D	(71) <b>Name of Applicant :</b> <b>1)MAYUKA LABS PVT. LTD.</b> Address of Applicant :818 8th Floor Devika Tower Nehru Place New Delhi 110 019 India;
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) <b>Name of Inventor :</b> <b>1)CHANDRA SEKHAR NAKKA KRISHNAMURTHY</b> <b>2)JAGAT SINGH</b> <b>3)MOHD YUNUS KHAN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention provides an improved process for the preparation of prasugrel and its pharmaceutical acceptable salt. Prasugrel chemically known as 2-acetoxy-5-( $\alpha$ -cyclopropylcarbonyl-2-fluorobenzyl)-4,5,6,7-tetrahydrothieno[3,2-c]-pyridine or 5-[2-cyclopropyl-1-(2-fluorophenyl)-2-oxoethyl]-4,5,6,7-tetrahydrothieno[3,2-c]pyridine-2-yl acetate and having the structural formula. and its pharmaceutically acceptable salts. The present invention also provides an improved process for the preparation of cyclopropyl 2-fluorobenzyl ketone, 2-Fluoro- $\alpha$ -cyclopropyl carbonylbenzyl bromide, 5,6,7,7a Tetrahydro-4H-theino-[3,2-c]-pyridone-2 p-toluenesulfonate and its hydrochloride salt.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2010

(21) Application No.1507/DEL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PORTABLE PALLETS

(51) International classification	:G01B
(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)SINGHANIA D. N.

Address of Applicant :O/O GAURANG ASSOCIATES; 349,  
SHAKTI KHAND-3 SECOND FLOOR, INDIRAPURAM, UP-  
201010 India

(72)Name of Inventor :

1)SINGHANIA D. N.

(57) Abstract :

The present pallet includes a plurality of supporting members, a plurality of first connecting members, a plurality of second connecting members, and a plurality of extended ends. The supporting members may include a plurality of slots onto the upper surface. The first connecting members may include a plurality of ends such as first ends and second ends. The second connecting members may also include a plurality of ends such as first ends and second ends. The ends of the first connecting members and the second connecting members are placed inside the slots of the supporting members. Further the ends of the connecting members placed inside the slots may be fastened with one or more fastening members to couple the connecting members with the supporting members. The pallets may further include one or more interconnecting members for producing pallets of variable size.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/1997

(21) Application No.1566/DEL/1997 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : CONVENIENT RAPID TRANSIT SYSTEM

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(51) International classification	:B61B3/00	(71) <b>Name of Applicant :</b> <b>1)SURESH KUMAR CHAWLA,</b> Address of Applicant :S-238 IIInd FLOOR, PANCHSHILA PARK, NEW DELHI. India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)SURESH KUMAR CHAWLA,</b>
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 :

A Convenient Rapid Transit System comprising of light coaches forming trains running on specially designed steel or reinforced cement concrete track for providing to public a transport mode or for mass transportation of men and material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/1997

(21) Application No.1577/DEL/1997 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : SYSTEM FOR MONITORING DIAPHRAGM PUMP FAILURE

(51) International classification	:F04B 43/00	(71) <b>Name of Applicant :</b> <b>1)TEXACO DEVELOPMENT CORPORATION</b> Address of Applicant :2000 WESTCHESTER AVENUE, WHITE PLAINS, NEW YOUK 10650, U.S.A
(31) Priority Document No	:60/020,838	
(32) Priority Date	:28/06/1996	
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)STEVEN R. GREEN</b>
Filing Date	:NA	<b>2)DAVID L. POWELL JR.,</b>
(87) 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 diaphragm failure monitoring system for detecting leakage in a diaphragm of a diaphragm pump. The system includes a pump having an operating chamber containing a working fluid and a pumping chamber for pumping material into and out of the pump and a diaphragm separating the operating and pumping chambers. A first optic fiber is joined to the operating chamber for transmitting an optic signal across the working fluid. A second optic fiber is joined to the operating chamber for receiving the optic signal from the first optic fiber. An electric signal establishing device establishes a first electrical signal when the optic signal from the first optic fiber to the second optic fiber passes through uncontaminated working fluid. The electric signal establishing device establishes a second electrical signal when the optic signal from the first optic fiber to the second optic fiber passes through contaminated working fluid, whereby leakage of a contaminating material through the diaphragm into the operating chamber can be detected when the second electrical signal is established.

No. of Pages : 16 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/1997

(21) Application No.1582/DEL/1997 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : ELECTRIC LIQUID HEATING VESSELS

(51) International classification	:A47J27/18	(71) Name of Applicant :
(31) Priority Document No	:9612357.5	<b>1) STRIX LIMITED AN ISLE OF MAN COMPANY</b>
(32) Priority Date	:13/06/1996	Address of Applicant :FORRESR HOUSE RONALDSWAY ISLE OF MAN IM9 2RG, U.K.
(33) Name of priority country	:U.K.	(72) Name of Inventor :
(86) International Application No	:NA	<b>1) DOYLE KEITH BARRIE</b>
Filing Date	:NA	<b>2) TAYLOR JOHN CRAWSHAW</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is disclosed a method of preventing corrosion of the liquid contacting surface of a stainless steel base part of an electric liquid heating vessel. According to the method the surface is provided with a layer of glass, glass ceramic or ceramic. The surface is preferably pre-treated by grit blasting with alumina grit having a nominal size of 180-220 mesh. The grit blasting technique may be used to treat other steel surfaces which are to receive a glass layer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/1997

(21) Application No.1602/DEL/1997 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : LAUNDRY DETERGENT BAR CONTAINING MAGNESIUM SULFATE WITH IMPROVED PHYSICAL PROPERTIES

(51) International classification	:C11D 10/04	(71) <b>Name of Applicant :</b> <b>1)THE PROCTER &amp; GAMBLE COMPANY</b> Address of Applicant :ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202, USA.
(31) Priority Document No	:P00423	
(32) Priority Date	:14/06/1995	
(33) Name of priority country	:Australia	(72) <b>Name of Inventor :</b>
(86) International Application No Filing Date	:NA :NA	<b>1)RAMOS, AGUSTIN FEDERICO</b> <b>2)DIMAYACYAC, RODOLFO URI</b> <b>3)DULGUIME, UMPIANO BONIFACIO</b> <b>4)RAMANAN, GANAPATHYVENKATA</b> <b>5)HERNANDEZ-MUNOA, DIEGO ANTONIO</b> <b>6)KEFAUER, PHILIP JOSEPH</b> <b>7)TEE, JOHANNSON JIMMY</b>
(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 :

This invention relates to an optionally built, soap-containing laundry detergent bar composition comprising magnesium sulfate and having improved physical properties. The process to make such compositions is also included herein,

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2011

(21) Application No.2116/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : MORPHINAN COMPOUNDS

(51) International classification	:C07D 471/08
(31) Priority Document No	:61/098,511
(32) Priority Date	:19/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/057476
Filing Date	:18/09/2009
(87) International Publication No	:WO 2010/033801
(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)CONCERT PHARMACEUTICALS INC.**

Address of Applicant :99 HAYDEN AVENUE, SUITE 100,  
LEXINGTON, MASSACHUSETTS 02421 U.S.A

(72)Name of Inventor :

**1)GRAHAM PHILIP B.**

**2)SILVERMAN I. ROBERT**

---

(57) Abstract :

This invention relates to novel morphinan compounds and pharmaceutically acceptable salts thereof. This invention also provides compositions comprising a compound of this invention and the use of such compositions in methods of treating diseases and conditions that are beneficially treated by administering a σ1 receptor agonist that also has NMDA antagonist activity.

No. of Pages : 55 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2011

(21) Application No.2117/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : POLYSILOXANE COPOLYMERS WITH TERMINAL HYDROPHILIC POLYMER CHAINS

(51) International classification	:C08G 77/442
(31) Priority Document No	:61/114,216
(32) Priority Date	:13/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/063944
Filing Date	:11/11/2009
(87) International Publication No	:WO 2010/056686
(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)NOVARTIS AG

Address of Applicant :LICHTSTRASSE 35, CH-4056  
BASEL, SWITZERLAND

(72)Name of Inventor :

1)PHELAN JOHN CHRISTOPHER

2)QIU YONGXING

3)SCOTT ROBERT

4)WINTERTON LYNN COOK

---

(57) Abstract :

The invention provides an actinically-crosslinkable linear polysiloxane copolymer. The actinically-crosslinkable polysiloxane copolymer can be used to prepare a silicone hydrogel contact lens having a hydrophilic surface without post-curing surface treatment. The invention is also related to a silicone hydrogel contact lens obtained from a lens-forming material including an actinically-crosslinkable polysiloxane copolymer of the invention and to a method for making an actinically-crosslinkable polysiloxane copolymer of the invention. In addition, the invention provides a non-crosslinkable linear polysiloxane copolymer capable of being used as a internal wetting agent which can render the surface of a silicone hydrogel contact lens hydrophilic.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2011

(21) Application No.2118/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : INTAKE MENIFOLD

(51) International classification	:F02B 31/00
(31) Priority Document No	:2008-320672
(32) Priority Date	:17/12/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/069966
Filing Date	:26/11/2009
(87) International Publication No	:WO 2010/071013
(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)AISIN SEIKI KABUSHIKI KAISHA

Address of Applicant :A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN,1, ASAHI-MACHI 2-CHOME, KARIYA-SHI, AICHI 4488650, JAPAN

(72)Name of Inventor :

1)ITO ATSUSHI

(57) Abstract :

An intake manifold which is made of resin and configured to be connected to an intake port of a cylinder of an internal combustion engine, includes: an EGR inlet for discharging exhaust recirculation gas toward a cylinder side; and a tumble control valve which is switchable between an open position in which an intake line to the cylinder is opened and a close position in which the intake line is closed, and has an indentation that forms a gap between the tumble control valve and an inner wall of the intake line when the tumble control valve is in the close position. The intake manifold is configured so that, when the intake manifold is assembled to the internal combustion engine, in the open position and in the close position of the tumble control valve, any perpendicular line extending downward from the EGR inlet does not intersect the tumble control valve, and at the same time, in at least one of the open position and the close position of the tumble control valve, a perpendicular line extending downward from a most upstream portion of the EGR inlet in an intake direction intersects an area of the indentation.

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2011

(21) Application No.2119/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : OPERATION AMOUNT DETECTING APPARATUS

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(51) International classification	:B60T 7/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2008/071929
Filing Date	:03/12/2008
(87) International Publication No	:WO 2010/064304
(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)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant :1-TOYOTA-CHO, TOYOTA-SHI,  
AICHI 471-8571 JAPAN

(72)Name of Inventor :

1)HIROSHI ISONO

(57) Abstract :

In an operation amount detecting apparatus, a brake pedal (11) is coupled with an operation rod (15) by a coupling shaft (18), respective end portions of an elastic member (21) are supported at support positions of a brake pedal (11) by support shafts (28, 29), the brake pedal (11) is away in a direction orthogonal to an axis line direction of an operation rod (15) with respect to the coupling shaft (18), an intermediate portion of the elastic member (21) is relatively displaceably coupled by the coupling shaft (18) and a coupling hole (11a), and the elastic member (21) is disposed with output strain sensors (30a, 30b, 31a, 31b) which detect an elastic deformation amount of the elastic member (21) and output the elastic deformation amount as a brake operation amount.

No. of Pages : 57 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2011

(21) Application No.2122/DELNP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : MEMORY ACCESS CONTROL

(51) International classification	:G06F 21/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2008/063491
Filing Date	:08/10/2008
(87) International Publication No	:WO 2010/040407
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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ESPoo, FINLAND

(72)Name of Inventor :

1)TAKALA, JANNE

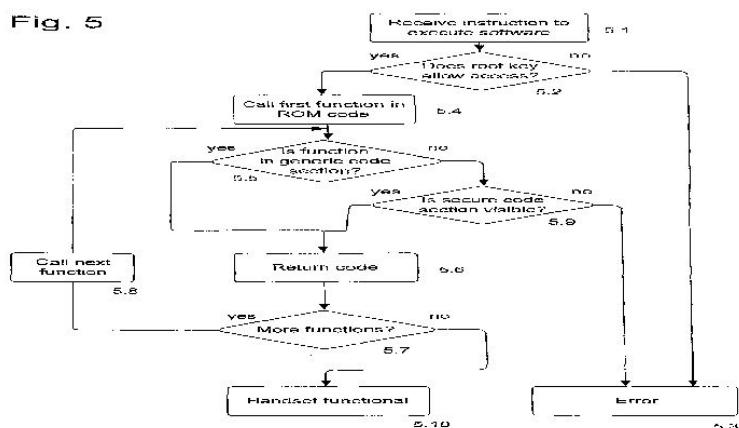
2)VAINIO, JUHA JOHANNES

3)BUCHHOLTZ, MIKAEL

(57) Abstract :

An apparatus comprising: a memory having at least two sections; a security element associated with at least one of said at least two sections; and a processor for controlling access to at least one of the at least two sections of the memory in dependence on a value of the security element. The apparatus may be an integrated circuit and the memory may be a read-only-memory storing generic code in one of the sections and code specific to a mobile communication device provider in the second section. The security element may be a permanently programmed memory element programmed by the IC manufacturer

Fig. 5



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2011

(21) Application No.2123/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD OF CRYSTALLIZING CARNOSOL

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(51) International classification	:C07D 493/08
(31) Priority Document No	:08017178.8
(32) Priority Date	:30/09/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/061929
Filing Date	:15/09/2009
(87) International Publication No	:WO 2010/037633
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

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(72)Name of Inventor :

1)WEHRLI, CHRISTOF

(57) Abstract :

Carnosol can be crystallized from a plant extract by contacting the extract with acetic acid, and collecting the crystals so formed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/01/2011

(21) Application No.212/DELNP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : MULTIPHASE PERSONAL CARE COMPOSITION WITH ENHANCED DEPOSITION

(51) International classification	:A61K 8/02
(31) Priority Document No	:61/084,146
(32) Priority Date	:28/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/051969
Filing Date	:28/07/2009
(87) International Publication No	:WO 2010/014614
(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)THE PROCTER & GAMBLE COMPANY

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CINCINNATI, OH 45202, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)WEI, KARL SHIQING

2)STELLA, QING

(57) Abstract :

A multiphase personal care composition that comprises a structured surfactant phase and an oil continuous benefit phase. The structured surfactant phase comprises from about 5% to about 30% of a mixture of lathering surfactants, a lamellar inducing agent and a cationic polymer. The oil continuous benefit phase comprises a hydrocarbon based benefit material and a low HLB emulsifier. The low HLB emulsifier comprises an unsaturated monoglyceryl ester having from about 14 to about 30 carbon atoms. The oil continuous benefit phase comprises a ratio of said hydrocarbon based benefit materials to said low HLB emulsifier comprising from about 30:1 to about 200:1.

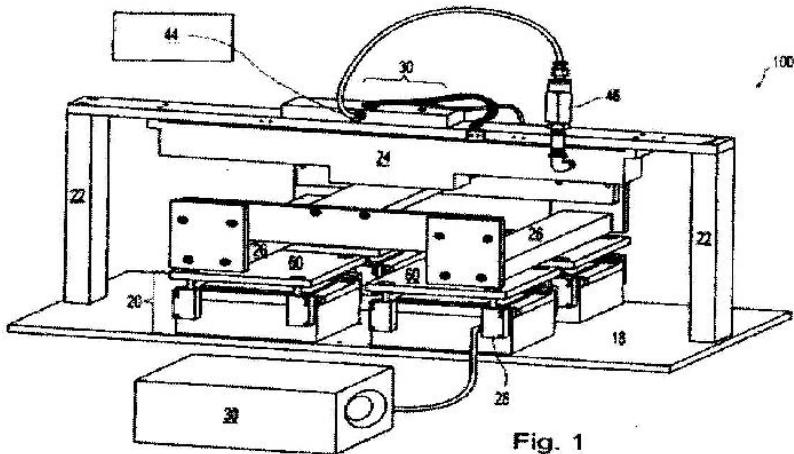


Fig. 1

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2011

(21) Application No.2124/DELNP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : WAFER-LEVEL FABRICATION OF LIQUID CRYSTAL OPTOELECTRONIC DEVICES

(51) International classification	:G02F 1/136
(31) Priority Document No	:61/093,419
(32) Priority Date	:01/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2009/001181
Filing Date	:01/09/2009
(87) International Publication No	:WO 2010/022503
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)GALSTIAN, TIGRAN

2)PROUDIAN, DEREK ALEXANDRE

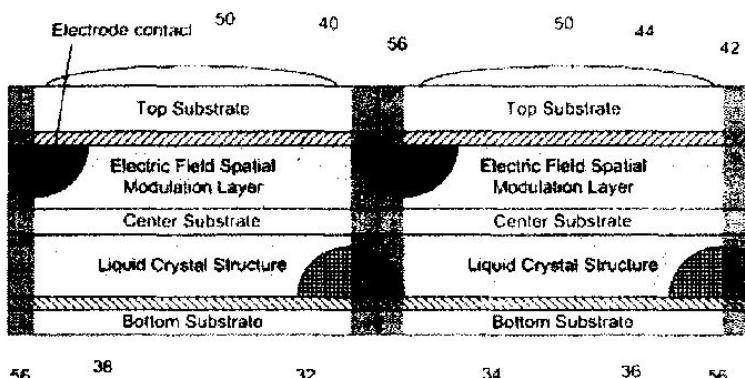
3)AFSHARI, BARHAM

4)NYSTROM, MICHAEL

5)CLARK, PETER

(57) Abstract :

Liquid crystal optoelectronic devices are produced by fabricating a wafer- level component structure and affixing a plurality of discrete components to a surface structure prior to singulating the individual devices therefrom. After singulation, the individual devices include a portion of the wafer-level fabricated structure and at least one of the discrete components. The wafer-level structure may include a liquid crystal and controlling electrodes, and the discrete components may include fixed lenses or image sensors. The discrete components may be located on either or both of two sides of the wafer-level structure. Multiple liquid crystal layers may be used to reduce nonuniformities in the interaction with light from different angles, and to control light of different polarizations. The liquid crystal devices may function as optoelectronic devices such as tunable lenses, shutters or diaphragms.



**FIGURE 3**

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2011

(21) Application No.2125/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : ROTARY ATOMIZER WITH METAL FOAM INSERTS

(51) International classification	:B05B 3/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/MY2008/00096
Filing Date	:09/09/2008
(87) International Publication No	:WO 2010/030156
(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)NEBULA GROUP (BVI) LIMITED**

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(72)**Name of Inventor :**

**1)JOHN BULDER**

**2)CHRIS REIJMER**

(57) Abstract :

A rotary atomizer is presented comprising a rotor (8), having a plurality of insert holders (20) along the perimeter of rotor (8); and a plurality of metal foam inserts (12) placed between insert holders (20) that act as nozzles of the rotary atomizer. Rotor (8) is characterized in an assembly wherein insert holders (20) secure the position of metal foam inserts (12). Rotor (8) can be disc shaped. A protection plate (10) is fixed to a stationary shaft (1) of the atomizer to prevent physical contact with rotor (8) without obstructing the atomizer output.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2011

(21) Application No.2120/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : COMPONENT, METHOD AND SYSTEM OF SANITISING A WATER PURIFICATION APPARATUS AND/OR A DISTRIBUTION APARATUS

(51) International classification	:C02F 1/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:0818922.7	<b>1)VEOLIA WATER SOLUTIONS &amp; TECHNOLOGIES SUPPORT</b>
(32) Priority Date	:16/10/2008	Address of Applicant :L'AQUARENE 1 PLACE MONTGOLFIER F-94417 ST MAURICE CEDEX, FRANCE
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB2009/051368	(72) <b>Name of Inventor :</b>
Filing Date	:14/10/2009	<b>1)UNDERWOOD LEE</b>
(87) International Publication No	:WO 2010/043897	<b>2)MORTIMER ALAN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sanitant component comprising a sanitant to sanitise at least a part of a water purification apparatus and/or a water distribution apparatus and one or more sanitant receivers to receive residual sanitant and/or sanitant products from the water purification apparatus and/or water distribution apparatus. In this way, residual sanitant and/or sanitant products from the water purification apparatus and/or water distribution apparatus can be conveniently collected back into the sanitising component for easier, and/or quick and/or more convenient disposal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2011

(21) Application No.2121/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PHARMACEUTICAL DOSAGE FORMS COMPRISING POLY(E-CAPROLACTONE)

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(51) International classification	:A61K 9/16
(31) Priority Document No	:61/098,089
(32) Priority Date	:18/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/006917
Filing Date	:17/09/2009
(87) International Publication No	:WO 2010/032128
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

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(72)Name of Inventor :

**1)MACHONIS MERIDITH LEE**

(57) Abstract :

The present invention relates to pharmaceutical dosage forms, for example to pharmaceutical dosage forms comprising poly( $\epsilon$ -caprolactone), and processes of manufacture, uses, and methods of treatment thereof.

No. of Pages : 112 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2129/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : COLUMN STRUCTURE WITH PROTECTED TURBINE

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(51) International classification	:F03D 9/00
(31) Priority Document No	:61/189,950
(32) Priority Date	:22/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/004767
Filing Date	:21/08/2009
(87) International Publication No	:WO 2010/021731
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(71)Name of Applicant :

1)NATURAL POWER CONCEPTS, INC.

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HONOLULU, HAWAII 96822, U.S.A

(72)Name of Inventor :

1)JOHN PITRE

(57) Abstract :

A turbine system includes a turbine positioned so that its blades are exposed during at least part of their rotation to a region of fluid flow accelerated by a columnar structure, such as a building or a bridge pylon. A protective casing moves to isolate the turbine blades from the fluid flow, thereby protecting the turbine from overpowering conditions. Upwind and downwind fairings may be used when retrofitting pre-existing buildings. Turbines may be positioned on opposing sides of a building. Multiple turbine modules may be positioned in line along peripheries of a building. Turbines may be mounted on in-water structures, such as buoys.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/01/2011

(21) Application No.213/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : AQUEOUS SUSPENSION FOR PYROLYTIC SPRAY COATING, COATED ARTICLE COMPRISING A SPRAYED PYROLYTIC TRANSPARENT FILM, METHOD OF MIXING THE SPRAY COATING AND METHOD OF COATING A GLASS SUBSTRATE WITH THE TRANSPARENT FILM

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(51) International classification	:C03C 17/25
(31) Priority Document No	:12/179,669
(32) Priority Date	:25/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/051141 :20/07/2009
(87) International Publication No	:WO 2010/011598
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(71)Name of Applicant :

1)PPG INDUSTRIES OHIO, INC.

Address of Applicant :3800 WEST 143RD STREET,  
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(72)Name of Inventor :

1)SOPKO, JOHN, F.

2)ATHEY, PATRICIA, R.

(57) Abstract :

The durability of a transparent pyrolytic spray applied coating is improved by providing a spray solution of metal acetylacetones having different particle size distribution. More particularly, the particle size distribution of each of the metal acetylacetones is a function of its melting temperature, and optionally of its melting temperature and solubility.

No. of Pages : 31 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2130/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SAND DOSING AND BLOCKING DEVICE

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(51) International classification	:B60B 39/10
(31) Priority Document No	:A 1473/2008
(32) Priority Date	:22/09/2008
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP2009/062100
Filing Date	:18/09/2009
(87) International Publication No	:WO 2010/031831
(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)NOWE GMBH**

Address of Applicant :HEILSWANNENWEG 61, 31008  
ELZE, GERMANY

(72)Name of Inventor :

**1)WERNER BARTLING**

(57) Abstract :

The invention relates to a sand dosing and blocking device (1) for sand spreading systems for vehicles, particularly rail vehicles with drive, the invention having a sand supply container (2) with an outlet opening (4), which can be closed by a closing element (3), for the dosed release of sand to a conveyor unit (5) which is preferably pneumatically activated, wherein the closing element (3) is formed by a lifting rod (7) of an electrically activated lifting magnet (6). According to the invention, the lifting magnet (6) is arranged inside the sand supply container (2) in the area of the outlet opening (4).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2131/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : NUTRITIVE SUBSTANCE DELIVERY CONTAINER

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(51) International classification	:B65D 51/28
(31) Priority Document No	:12/250,588
(32) Priority Date	:14/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/082188
Filing Date	:03/11/2008
(87) International Publication No	:WO 2010/044805
(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)MEAD JOHNSON NUTRITION COMPANY**

Address of Applicant :2400 W. LLOYD EXPRESSWAY,  
EVANSVILLE, IN 47721-0001, U.S.A

(72)Name of Inventor :

**1)ROBIN P. WIGGINS**

**2)RICK GRELEWICZ**

**3)NAGENDRA RANGAVAJLA**

**4)JOSHUA C. ANTHONY**

**5)PATRICK E. MCCALLISTER**

---

(57) Abstract :

The invention comprises a novel apparatus for delivering a nutritive substance comprising a container body having a base at one end thereof, an upper portion adapted for removable receipt of a closure, the upper portion defining an opening therein, and a chamber defined by the container body, the chamber being in fluid communication with the upper portion opening. A seal is bonded across the upper portion opening of the container and is adapted to provide an airtight seal across the opening. A closure is removably coupled to the container upper portion. A nutritive substance is coated onto an element selected from the group consisting of an inner surface of the container upper portion, the closure, an insert positioned above the seal, and combinations thereof. The seal prevents contact between the nutritive substance and the contents of the container until the seal is removed or pierced.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2132/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : COPOLYMER BLEND COMPOSITIONS FOR USE TO INCREASE PAPER FILLER CONTENT

(51) International classification	:C08F 220/06
(31) Priority Document No	:61/192,891
(32) Priority Date	:22/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/057468
Filing Date	:18/09/2009
(87) International Publication No	:WO 2010/033796
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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**2)SPECIALTY MINERALS (MICHIGAN) INC.**

(72)Name of Inventor :

**1)FRANK J. SUTMAN**

**2)JOSEPH M. MAHONEY**

**3)ROBERT ANTHONY GILL**

**4)DANIEL BRUCE EVANS**

---

(57) Abstract :

Methods for making a heterogeneous polymer blend comprising one or more anionic polymers, one or more cationic polymers, and one or more non-ionic polymers, which method comprises (a) adding to a non-neutral solution a first amount of polymerization initiator and one or more anionic or cationic monomers, wherein each monomer has the same charge; (b) adding a second amount of the polymerization initiator and one or more non-ionic monomers; (c) adding a third amount of the polymerization initiator and one or more ionic monomers that are oppositely charged from the monomers of (a); adding stepwise, a fourth amount of the polymerization initiator to react any residual monomer, and (e) neutralizing the resulting polymer blend. Also claimed are heterogeneous polymer blends containing polymers formed from one or more anionic, cationic, and non-ionic monomers, either polymerized in situ or separately and then combined. Also claimed are methods for increasing the filler content of paper or paperboard, which methods comprises (a) combining the heterogeneous polymer blend with a precipitated calcium carbonate filler; (b) combining the resulting mixture with a pulp slurry; and (c) processing the resulting slurry mixture to form a sheet of paper or paperboard. Finally, also claimed are methods of increasing the filler content of paper or paperboard, which method comprises (1) combining either the heterogeneous blend or the precipitated calcium carbonate filler with a pulp slurry, (2) combining the remaining component with the pulp slurry; and (c) processing the resulting pulp slurry mixture to form a sheet of paper or paperboard.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2133/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : DEVICE TO INDICATE PRIMING OF AN INFUSION LINE

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(51) International classification	:A61M 5/38
(31) Priority Document No	:61/095,339
(32) Priority Date	:09/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/056231
Filing Date	:08/09/2009
(87) International Publication No	:WO 2010/030602
(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)BAXTER INTERNATIONAL INC.**

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**2)BAXTER HEALTHCARE S.A.**

(72)**Name of Inventor :**

**1)SHMUEL STERNBERG**

**2)SIDDHARTH B. DESAI**

**3)LARRY BLACK**

**4)ROBIN G. PAULEY**

---

(57) Abstract :

A priming indicator for a fluid infusion system includes a luer cap or other component of the infusion system having an indicator surface covered by a membrane. The membrane exhibits a first visual characteristic, such as being opaque, when dry and exhibits a second characteristic, such as becoming less opaque, when wet. Once the membrane becomes wet, indicia on the surface, which may be provided on a rod at least partially covered by the membrane, becomes visible, thereby indicating an intravenous tube to which the luer cap is secured has been primed or is nearly primed. The indicator may alternately be employed at an upstream end of an infusion set, such as at the port of a medical bag providing a supply of fluid, to indicate a low level of fluid in the medical bag.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2134/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : MEDICAL DEVICE AND METHOD

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(51) International classification	:A61F 2/46
(31) Priority Document No	:0817416.1
(32) Priority Date	:23/09/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002246
Filing Date	:22/09/2009
(87) International Publication No	:WO 2010/034978
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

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(72)Name of Inventor :

**1)RONAN BARRY CONAL TREACY**

**2)TIMOTHY JOHN BAND**

**3)JAMES DAVID GLOVER**

(57) Abstract :

A device (1) for impacting an implant, comprising: a first surface (2) for engaging, in use, with the implant; and a second surface (3) for engaging, in use, with a shaft having a proximal end and a distal end, wherein the first surface (2) and the second (3) surface are not parallel to one another, and wherein, in use, the distal end of the shaft releasably engages with the second surface (3) of the device such that when force is applied to the proximal end of the shaft the force is transferred via the device (1) to the implant, thereby impacting the implant. A method for implanting an implant using such a device (1).

No. of Pages : 24 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/03/2011

(21) Application No.2126/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : INTERRELATED ITEM SEARCH

(51) International classification	:G06F 7/00
(31) Priority Document No	:61/090,893
(32) Priority Date	:21/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/054701
Filing Date	:21/08/2009
(87) International Publication No	:WO 2010/022378
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SATYA REDDY

(57) Abstract :

Systems and methods to search in response to query consisting of a plurality of keywords, by processing for relevance of all possible valid relations among keywords in the query. The overall space of all possible valid relations among all of the keywords in the underlying documents are pre-computed based on transitivity rules using common property items in associated ontologies. The query keyword are substituted by considering each keyword as well as valid groups as a whole, based on all reachable valid keywords along every relation computed in the overall merged ontologies. Building the knowledgebase with the classification of keywords in different ontologies, fundamentals of building hierarchical part-of graph augmented with same-as and kind.

No. of Pages : 72 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2128/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : APPARATUS FOR THE DIAGNOSIS AND TREATMENT OF BRUXISM

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(51) International classification	:A61N 1/38
(31) Priority Document No	:193669
(32) Priority Date	:25/08/2008
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2009/000770
Filing Date	:06/08/2009
(87) International Publication No	:WO 2010/023655
(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)WISEMED LTD.**

Address of Applicant :MIGDAL HAEMEK INDUSTRIAL PARK, P.O. BOX 73, MIGDAL, HAEMEK, 23100 ISRAEL

(72)Name of Inventor :

**1)TOAM SHEMESH**

**2)AYELET RUBINOVITCH TROP**

(57) Abstract :

The present invention is an apparatus for detecting and treating bruxism. The apparatus of the invention comprises a sensing unit, a calculation unit and a stimulation unit. The sensing unit is in charge of measuring the interocclusal distance and reporting this distance to the calculation unit. After receiving the information from the sensing unit, the calculation unit archives and processes the information to determine if the sensing event is a bruxism event. When a sensing event is confirmed as a bruxism event, the calculation unit selects an adequate stimulation and sends a request to the stimulation unit, which applies the selected stimulation. The apparatus of the present invention may be suitable for treating both diurnal and nocturnal bruxism and the intrabuccal components may be removed from the mouth when bruxism events are not expected to occur, i.e., during the day for an individual who suffers only from nocturnal bruxism.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2135/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PLATFORM FOR GENERATING ELECTRICITY FROM FLOWING FLUID USING GENERALLY PROLATE TURBINE

(51) International classification	:F03B 13/12	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/189,950	<b>1)NATURAL POWER CONCEPTS, INC.</b>
(32) Priority Date	:22/08/2008	Address of Applicant :1515 UALAKAA PLACE,
(33) Name of priority country	:U.S.A.	HONOLULU, HAWAII 96822, STATES OF AMERICA
(86) International Application No	:PCT/US2009/004770	(72) <b>Name of Inventor :</b>
Filing Date	:21/08/2009	<b>1)JOHN PITRE</b>
(87) International Publication No	:WO 2010/021734	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A platform-like device for generating electricity from moving fluids has two has at least two fluid turbines coupled to one another through a frame. The fluid turbines are adapted to rotate in opposite directions. The fluid turbines also provide buoyancy for the platform so that the platform is self supporting in the water. The fluid turbines preferably have helicoid flights (screw-like threads) mounted to generally prolate casings. The fluid turbines preferably connect to electric generators through belt, chain-drive, or other transmission systems. The platform may additional support a wind turbine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2139/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : DIRECTIONAL EXPANSION OF INTRALUMINAL DEVICES

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(51) International classification	:A61F 2/82
(31) Priority Document No	:61/092,561
(32) Priority Date	:28/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2009/001198
Filing Date	:27/08/2009
(87) International Publication No	:WO 2010/022516
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

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**2)MARCO ANTONIO PENA DUQUE**

(72)**Name of Inventor :**

**1)CARLOS VONDERWALDE**

**2)MARCO ANTONIO PENA DUQUE**

(57) Abstract :

Methods and devices useful, for example, in the field of angioplasty and stenting are disclosed. In some embodiments, the methods, devices and kits are configured for directional expansion inside a lumen, for example of a blood vessel obstructed by plaque. In some embodiments, the directional expansion displaces the plaque in a desired direction.

No. of Pages : 48 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/01/2011

(21) Application No.214/DELNP/2011 A

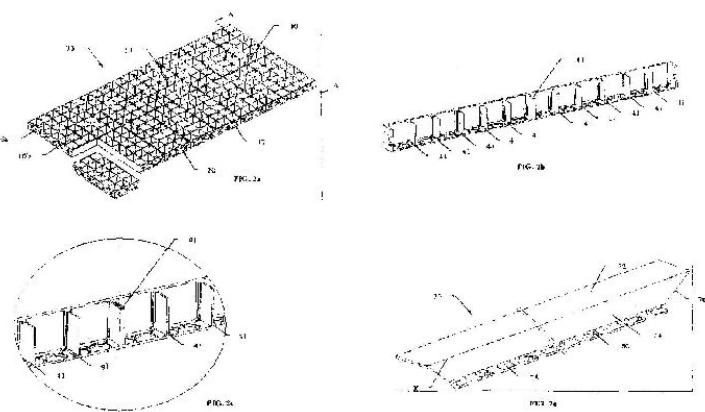
(43) Publication Date : 30/12/2011

(54) Title of the invention : IMPROVEMENTS TO FORMOWORK PANEL AND ACCESSORY

(51) International classification	:E04G 17/04	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:PCT/MY2008/000071	<b>1)PLASTECH INDUSTRIAL SYSTEMS SDN BHD</b>
(32) Priority Date	:15/07/2008	Address of Applicant :UNIT B-5-17 & 18, BLOCK B, PELANGI SQUARE, PELANGI DAMANSARA PJU6, PERSIARAN SURIAN, 47800 PETALING JAYA SELANGOR DARUL EHSAN, Malaysia
(33) Name of priority country	:PCT	
(86) International Application No	:PCT/MY2008/000071	(72) <b>Name of Inventor :</b>
Filing Date	:15/07/2008	<b>1)CHIN, YUAN TAI</b>
(87) International Publication No	:WO 2009/064157	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved modular plastic formwork panel (10, 30) and its construction support accessory (70), which is simple, light-weight, high reliability and strong enough to withstand the pressure caused by expansion of setting concrete, of poured concrete, or other forces, and reduce pillowing of the formwork. A new, re-usable modular plastic formwork (10, 30) with reinforced ribs (18) and reinforced groove (22) has been developed to resist pillowing on face sheet and deflection on side edges without substantial additional weight and manufacturing cost. Moreover, the modular plastic formwork panel (10, 30) is non-adhesive or non-stick to concrete. It provides a favorable/smooth surface finish to wall when concrete is cured. No further secondary processes, such as surface cleaning and maintenance are required to the formwork panel. It eliminates the use of release agent to the formwork panel and thus, reduces operation cost as well as maintenance cost. The present invention also provides a construction support accessory (70) enables the formworks serve for casting in place and it can be quickly put in place prior to pour of wet concrete. The construction support accessory can be quickly removed in re-usable condition after concrete is cure.



No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2140/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : FIRE EXTINGUISHING DEVICE AND FIRE MANAGEMENT SYSTEM

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(51) International classification	:A62C 5/00
(31) Priority Document No	:2001917
(32) Priority Date	:25/08/2008
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2009/050512
Filing Date	:25/08/2009
(87) International Publication No	:WO 2010/024672
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

**(71)Name of Applicant :**

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**2)OCTAAF ADVIESGROEP B.V.**

**3)ABRAHAM GIJSBERTUS LEENDERT VAN DER ENDE**

**4)DINGEMAN DE JONG**

**5)FRANCISCUS HUBERTUS JOSEF VOGELZANGS**

**(72)Name of Inventor :**

**1)JOHANNES DIEDERICUS JACOBUS COUVEE**

**2)ABRAHAM GIJSBERTUS LEENDERT VAN DER ENDE**

---

**(57) Abstract :**

The invention relates to a device for extinguishing a fire which is suitable for carrying and handling by persons, comprising: - a pressureless container for placing of an extinguishing agent in solid form; - an ignition member for electrical or thermal ignition of the extinguishing agent for the purpose of forming aerosol during extinguishing operations; - a discharge member for discharge of the aerosol in a directed jet or plume; - a handling member for handling of the device by a user; and - a communication member for remote communication.

No. of Pages : 34 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2141/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : ADAPTIVE FILTER

(51) International classification	:H04N 7/26
(31) Priority Document No	:61/099,981
(32) Priority Date	:25/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CN2009/072192
Filing Date	:09/06/2009
(87) International Publication No	:WO 2010/034205
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :NO. 1, DUSING RD. 1ST, SCIENCE-BASED INDUSTRIAL PARK, HSIN-CHU, TAIWAN,

(72)Name of Inventor :

1)FU, CHIH-MING

2)GUO, XUN

3)HUANG, YU-WEN

4)LEI, SHAW-MIN

(57) Abstract :

A video encoder includes a prediction unit for performing prediction techniques according to original video data and reconstructed video data to generate prediction samples, a reconstruction unit for reconstructing the prediction samples to form the reconstructed video data, and a reference picture buffer for storing the reconstructed video data as reference video data. The video encoder also includes a filter parameter estimator for estimating filter parameters according to the original video data of a current picture and the reconstructed video data of the current picture, and an adaptive loop filter for filtering the reconstructed video data of the current picture according to stored filter parameters of a prior picture in coding order. The filter parameter estimator and adaptive loop filter can operate in parallel.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2136/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : RIMMED TURBINE

(51) International classification	:F03D 1/06
(31) Priority Document No	:61/189,950
(32) Priority Date	:22/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/004773
Filing Date	:21/08/2009
(87) International Publication No	:WO 2010/021737
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :1515 UALAKAA PLACE,  
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(72)Name of Inventor :

1)JOHN PITRE

(57) Abstract :

A wind power extraction device comprising: (A) a rotor having, (i) a hub, and (ii) a rim coupled to the hub through a plurality of blades adapted to rotate the rotor about an axis of rotation passing through the hub in response to a wind moving generally parallel to the axis of rotation; and (B) a mount coupled to the rotor and having at least, (i) a first configuration aligning the rotor axis of rotation substantially horizontally, and (ii) a second configuration aligning the rotor axis of rotation substantially vertically.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2137/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : FOLDING BLADE TURBINE

(51) International classification	:F03D 1/06
(31) Priority Document No	:61/189,950
(32) Priority Date	:22/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/004768
Filing Date	:21/08/2009
(87) International Publication No	:WO 2010/021732
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JOHN PITRE

(57) Abstract :

A turbine for capturing energy from a fluid moving from an upstream direction to a downstream direction, said turbine comprising: (A) a drive shaft having an axis of rotation, a first end, and a second end remote from the first end along the axis of rotation; (B) a drive hub coupled to the drive shaft proximate to the first end of the drive shaft; and (C) a plurality of airfoils, each airfoil having an airfoil axis along a span, each airfoil being coupled to the hub such that (i) the airfoil is configured to exert a rotational torque about the drive shaft axis of rotation in response to the fluid flow, and (ii) the airfoil is pivotal between a first position with its airfoil axis generally parallel to the flow direction and a second position with its airfoil axis substantially normal to the flow direction; and (D) an actuator coupled to the airfoils so as to move the airfoils between the second position toward the first position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2138/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PROPYLENE-BASED BLOCK COPOLYMER, COMPOSITION CONTAINING THE COPOLYMER, AND MOLDED PRODUCTS OBTAINED THEREFROM

(51) International classification	:C08F 29/08	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2008-242799	<b>1)MITSUI CHEMICALS, INC.,</b>
(32) Priority Date	:22/09/2008	Address of Applicant :5-2, HIGASHI-SHIMBASHI, 1-CHOME, MINATO-KU, TOKYO 1057117, JAPAN
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/JP2009/066274	<b>1)KAZUHISA MATSUNAGA</b>
Filing Date	:17/09/2009	<b>2)KEITA ITAKURA</b>
(87) International Publication No	:WO 2010/032793	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a propylene-based block copolymer which has high melt viscoelasticity, excellent balance between rigidity and impact resistance and good molding processability and is extremely excellent in its molded product appearance, a composition containing the copolymer and molded products obtained therefrom. The propylene-based block copolymer comprises 5 to 80% by weight of a room temperature n-decane-soluble portion (Dsol) and 20 to 95% by weight of a room temperature n-decane-insoluble portion (Dinsol), with the proviso that the total amount of the Dsol and the Dinsol is 100% by weight, and satisfies the following requirements [1] to [3] at the same time: [1] the molecular weight distribution (Mw/Mn) of the Dsol is not less than 7.0 but not more than 30, [2] the molecular weight distribution (Mw/Mn) of the Dinsol is not less than 7.0 but not more than 30, and Mz/Mw thereof is not less than 6.0 but not more than 20, and [3] the pentad fraction (mmmm) of the Dinsol is not less than 93%.

No. of Pages : 167 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2142/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : ADAPTIVE INTERPOLATION FILTER FOR VIDEO CODING

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(51) International classification :H04N 7/32  
(31) Priority Document No :61/099,981  
(32) Priority Date :25/09/2008  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/CN2009/072191  
    Filing Date :09/06/2009  
(87) International Publication No :WO 2010/034204  
(61) Patent of Addition to Application Number :NA  
    Filing Date :NA  
(62) Divisional to Application Number :NA  
    Filing Date :NA

---

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(72)Name of Inventor :

1)FU, CHIH-MING

2)GUO, XUN

3)ZHANG, KAI

4)HUANG, YU-WEN

5)LEI, SHAW-MIN

---

(57) Abstract :

A video encoder that utilizes adaptive interpolation filtering for coding video data includes a prediction unit, a reconstruction unit, a reference picture buffer, a filter parameter estimator for estimating filter parameters according to the original video data and the predicted samples, and an adaptive interpolation filter for utilizing the stored filter parameters to perform filtering on the reconstructed video data.

No. of Pages : 35 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2143/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : LASER CLADDING OF A THERMOPLASTIC POWDER ON PLASTICS

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(51) International classification	:B05D 3/06
(31) Priority Document No	:08166722.2
(32) Priority Date	:15/10/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/063505
Filing Date	:15/10/2009
(87) International Publication No	:WO 2010/043684
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

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(72)Name of Inventor :

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2)ROMBOUTS, MARLEEN  
3)VANHULSEL, ANNICK  
4)REGO, ROBBY  
5)MOTMANS, FILIP**

---

(57) Abstract :

A method of applying a coating (17) of a thermoplastic material on a substrate (11) made of a polymeric material, wherein said thermoplastic material and said polymeric material are incompatible, comprising the following steps. Firstly, exposing the substrate and/or the powder to a plasma discharge (12) or the reactive gas stream resulting therefrom in order to obtain a plasma treated surface layer (14) introducing compatibility at the interface between substrate and coating. Secondly, laser cladding (15) the powder (16) on the substrate in order to form a coating on the substrate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2144/DELNP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : FILTER ASSEMBLY

(51) International classification	:F02M 37/22
(31) Priority Document No	:12/285,217
(32) Priority Date	:30/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/058802
Filing Date	:29/09/2009
(87) International Publication No	:WO 2010/039718
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

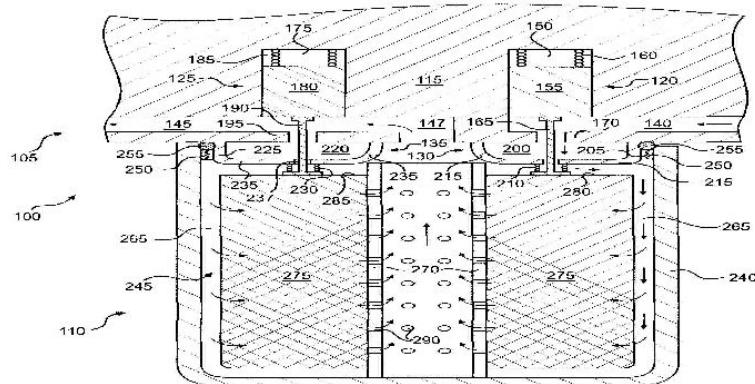
1)MOUNT, JOHN V.

2)JAKUBIAK, ERIC P.

3)JOHNSON, BRYAN A.

(57) Abstract :

A filter assembly (100) is disclosed having a filter base (105) including an inlet and an outlet. The filter assembly also has a first valve (120) disposed in the inlet, the first valve including a portion (165) that protrudes from the filter base. The filter assembly additionally has a second valve (125) disposed in the outlet, the second valve including a portion (190) that protrudes from the filter base. The filter assembly also has a removably attachable filter (110) configured to mechanically bias the first and second valves in an open position.



**FIG. 1**

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2145/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : APPARATUS FOR SOLAR TRACKING OF ENERGY HARVESTER

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(51) International classification

:F24J 2/38

(31) Priority Document No

:PI 20083638

(32) Priority Date

:18/09/2008

(33) Name of priority country

:Malaysia

(86) International Application No

:PCT/MY2009/000150

Filing Date

:17/09/2009

(87) International Publication No

:WO 2010/033015

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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**5)KHAIRUL HAKIMIN ZAINUDDIN**

**6)ABDUL GHANI OTHMAN**

(57) Abstract :

An apparatus for solar tracking using minimal energy is described. A prismatic energy harvester (10) is positioned above a spring (20). The harvester has a pair of ears (14) at both side of the top portion of the harvester. The ear is moved by strings (16) from a reel (18) connected to a box of motor (12). At least two photo-resistive elements track the sun rays intensity to identify the position of the sun. Then, the motor adjust the reels to rotate the harvester using strings until the harvester and the sun is at right angle. The photoresistive elements continuously track the sun so that the harvester can be rotated towards the sun at right angle.

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2149/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : POST-CURE OF MOLDED POLYURETHANE FOAM PRODUCTS

---

(51) International classification	:B29C 67/00
(31) Priority Document No	:61/099,142
(32) Priority Date	:22/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/057868
Filing Date	:22/09/2009
(87) International Publication No	:WO 2010/033999
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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**2)RYOKO YAMASAKI**

**3)PATRICIA MCCLAREN**

**4)ANTOINE A. KMEID**

**5)SEBASTIEN GENTIL**

---

(57) Abstract :

A method of manufacturing a foam product, the method comprising the steps of: molding the foam product by placing liquid foam materials in a mold cavity and reacting the liquid foam materials in the mold cavity to create the foam product; de-molding the foam product by removing the foam product from the mold cavity; post-curing the foam product immediately after de-molding the foam product from the mold cavity and prior to crushing the foam product, to thereby maintain the elevated core temperature of the foam product and to melt the outer surface of the foam product to form a higher density gradient thereon by continuing to heat the foam product for between approximately two and fifteen minutes to form the higher surface densification thereon and thereby reduce set damage to the foam product; rapidly cooling the foam product to enable the foam product to be compressed from approximately twenty-five to ninety-five percent of its thickness and thereby maximize the durability of the foam product; and compressing the fully cured foam product from approximately fifteen and fifty percent of its dimension when packaged for shipment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/09/2010

(21) Application No.2147/DEL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : A PROCESS OF MAINTAINING AND SETTING COMPRESSION FORCE ON A MEDIA BED IN A CHROMATOGRAPHY SYSTEM

(51) International classification	:G01N 30/52
(31) Priority Document No	:11/072,081
(32) Priority Date	:04/03/2005
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:498/DEL/2006 :23/02/2006

(71)**Name of Applicant :**

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MASSACHUSETTS 01821, UNITED STATES OF AMERICA,

(72)**Name of Inventor :**

**1)JEREMY PERREAULT**

**2)AARON NOYES**

**3)MARK CARROLL**

---

(57) Abstract :

A process of maintaining compression on a media bed in a chromatography system said process comprising the steps of: using said load cell to measure said force exerted on said adjustable bed support; using said sensor to measure the pressure of said fluid; calculating compression force on said media bed, based on measurements from said load cell and said sensor; comparing said calculated compression force to an optimal compression force; and using said actuator to move said adjustable bed support based on said comparison.

No. of Pages : 28 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2150/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING PRODUCTS TO ANIMALS

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(51) International classification	:G06F 17/00
(31) Priority Document No	:61/192,797
(32) Priority Date	:22/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/005179
Filing Date	:16/09/2009
(87) International Publication No	:WO 2010/033197
(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)NESTEC S.A.

Address of Applicant :AVENUE NESTLE 55, CH-1800  
VEVEY, SWITZERLAND

(72)Name of Inventor :

1)JACKSON, JANET, R.

2)VAN BLADEREN, PETER

(57) Abstract :

Systems and methods for providing nutritional and other products to animals are provided. Generally, the invention provides a dispensing system comprising an activity monitoring device, and a dispensing device comprising a processor programmed to receive a communication generated by the activity monitoring device. The processor controls the dispensing device to dispense a nutritional or other product in response to the communication from the activity monitoring device. The activity monitoring device can be attached to an animal and communicate with the dispensing device information regarding the nutritional requirements of the animal.

No. of Pages : 25 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2151/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : NUTRITIONAL SUPPORT OF THE IMMUNE SYSTEM DURING ANTI-CANCER TREATMENT

(51) International classification	:A61K 35/74
(31) Priority Document No	:61/098,258
(32) Priority Date	:19/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/056583
Filing Date	:11/09/2009
(87) International Publication No	:WO 2010/033424
(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)NESTEC S.A.**

Address of Applicant :AVENUE NESTLE 55, CH-1800  
VEVEY, SWITZERLAND

(72)**Name of Inventor :**

**1)SCHIFFRIN, EDUARDO**

**2)MILLER, KEVIN BURKE**

**3)BRASSART, DOMINIQUE**

---

(57) Abstract :

The present invention relates to methods and immunonutritional compositions for preventing the impairment of the immune function during anti-cancer therapy, thereby attaining a better efficacy of the treatment. More particularly, the present invention relates to methods and immunonutritional compositions that can transiently augment or enhance the immunocompetence of an immune cell and the immunogenicity of a tumor cell of a subject undergoing anti-cancer therapy-induced apoptosis and tumor-cell-enhanced immunogenicity such that the innate and adaptive immune functions and normal physiology of the immune cell are preserved, which, in turn, lead to (i) a better tolerance and increased efficacy to anti-cancer therapy; (ii) transient augmentation or enhancement of immunocompetence of the immune cell and immunogenicity of the tumor cell; and (iii) optimization of the effects of and increase of immunocompetence of the immune cell weakened by anti-cancer therapy.

No. of Pages : 68 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2148/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMIC AUTOMATIC COMMUNICATION PATH SELECTION, DISTRIBUTED DEVICE SYNCHRONIZATION AND TASK DELEGATION

(51) International classification	:H04W 40/02
(31) Priority Document No	:61/098,886
(32) Priority Date	:22/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/057691
Filing Date	:21/09/2009
(87) International Publication No	:WO 2010/033919
(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)JUMPSTART WIRELESS CORPORATION**

Address of Applicant :900 NW 17TH AVENUE, SUITE 202,  
DELRAY BEACH, FL 33445, U.S.A

(72)**Name of Inventor :**

- 1)BONAR, JEFFREY, G.**
- 2)TAFEL, BRYAN**
- 3)PEKAREK, ADRIAN**
- 4)CHHIBBER, SUBIR**
- 5)TOMAZIN, KENNETH, G.**
- 6)GINTER, KARL**
- 7)BARTMAN, MICHAEL**

(57) Abstract :

Systems, software, and apparatuses that provide wired and wireless telecommunications under conditions where signal strength is poor or intermittent, the coordination and synchronization of data and workflows across various communication links under such conditions, especially intermittent or unreliable communications links, and the management of wireless mobile applications in such environments. The present invention technology herein relates to the fields of computer science, telecommunications, and data management.

No. of Pages : 146 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2152/DELNP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : ISOLATION AND IDENTIFICATION OF GLYCOSAMINOGLYCANs

(51) International classification :A61K 31/727  
(31) Priority Document No :61/096,274  
(32) Priority Date :11/09/2008  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/GB2009/000469  
Filing Date :19/02/2009  
(87) International Publication No :WO 2010/029278  
(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) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH**  
Address of Applicant :1 FUSIONOPOLIS WAY, #20-10 CONNEXIS, SINGAPORE 138632, Singapore  
(72) **Name of Inventor :**  
**1) COOL, SIMON MCKENZIE**  
**2) NURCOMBE, VICTOR**  
**3) DOMBROWSKI, CHRISTIAN**

(57) Abstract :

The isolation and identification of glycosaminoglycans capable of binding to proteins having a heparin-binding domain is disclosed, as well as the use of the glycosaminoglycans isolated in the growth and/or development of tissue.

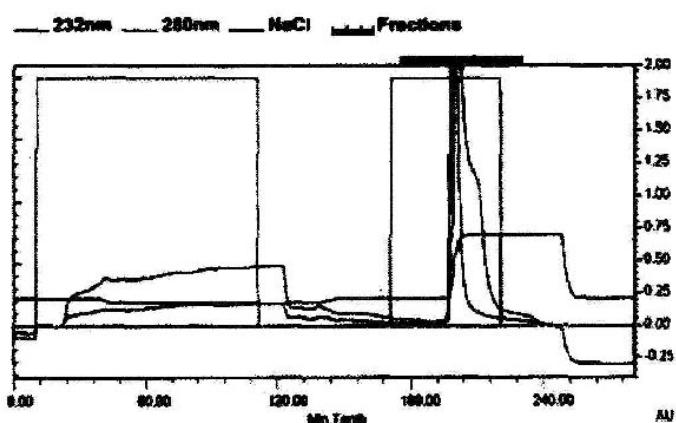


Figure 1

No. of Pages : 95 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2153/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : COMPOSITION CONTAINING A HYDRAULIC AND/OR POZZOLAN MATERIAL

(51) International classification	:C04B 24/26
(31) Priority Document No	:08/05597
(32) Priority Date	:10/10/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/001191
Filing Date	:08/10/2009
(87) International Publication No	:WO 2010/040915
(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)LAFARGE**

Address of Applicant :61, RUE DES BELLES FEUILLES, F-75116 PARIS (FR) France

(72)Name of Inventor :

**1)GEORGES, SEBASTIEN  
2)COMPARET, CEDRIC  
3)THIBAUT, BRUNO  
4)VILLARD, EMMANUEL**

---

(57) Abstract :

The present invention relates to a mix comprising at least one hydraulic and/or pozzolanic material and at least one water-soluble cationic polymer, the said cationic polymer having a density of cationic charges greater than 0.5 meq/g and an intrinsic viscosity less than 1 dl/g, the said hydraulic and/or pozzolanic material not being clinker, nor limestone, nor gypsum, nor calcium sulphate, nor anhydrous calcium sulphate, nor hemi hydrated calcium sulphate, nor plaster, nor lime. The present invention also relates to a hydraulic composition and a hardened object comprising the said mix.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2154/DELNP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : DIESEL ENGINE

(51) International classification	:F01N 3/02
(31) Priority Document No	:2008-226300
(32) Priority Date	:03/09/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/60363
Filing Date	:05/06/2009
(87) International Publication No	:WO 2010/026813
(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)YANMAR CO., LTD.

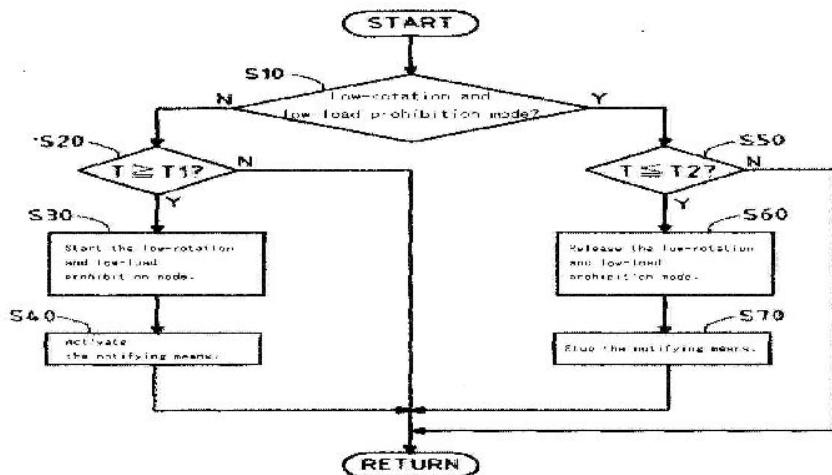
Address of Applicant :1-32, CHAYAMACHI, KITA-KU,  
OSAKA-SHI, OSAKA 530-0013 JAPAN

(72)Name of Inventor :

1)HIROSHI MASUDA

(57) Abstract :

An object is to provide a diesel engine (2) capable of reliably preventing an excessive rise in temperature inside a particulate filter (10) and capable of rapidly enabling driving in a low-rotation and low-load area when there is no possibility of excessive rise in temperature, making it possible to prevent unnecessary consumption of fuel. A diesel engine (2) includes a diesel engine (2) exhaust emission purifier (1). The diesel engine (2) exhaust emission purifier (1) includes a particulate filter (10) and regenerating means (30) for forcibly removing a particulate accumulable in the particulate filter (10) to regenerate the particulate filter (10). The diesel engine (2) is configured to prohibit the diesel engine (2) from entering a predetermined low-rotation and low-load area if a load rotation changes when the particulate filter (10) has a temperature that is equal to or higher than a first predetermined temperature T1 and when the particulate is accumulated in an amount that is equal to or more than a predetermined amount. The diesel engine (2) includes notifying means (40) for notifying an operator that entering the low-rotation and low-load area is prohibited.



No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2155/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : OVENIZED CRYSTAL OSCILLATOR ASSEMBLY

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(51) International classification	:H03L 1/04
(31) Priority Document No	:61/195,164
(32) Priority Date	:03/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/059213
Filing Date	:01/10/2009
(87) International Publication No	:WO 2010/039946
(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)CTS CORPORATION**

Address of Applicant :905 WEST BOULEVARD NORTH,  
ELKHART, INDIANA 46514, U.S.A

(72)**Name of Inventor :**

**1)STOLPMAN JAMES**

(57) Abstract :

An oscillator assembly includes a substrate having a top surface, a bottom surface, and a plurality of side surfaces. At least one of the side surfaces has at least one castellation which is covered with conductive material and includes a lower end spaced from the bottom surface of the substrate. The space is defined by an elongate groove in the side surface which is devoid of conductive material and extends between the lower end of the castellation and the bottom surface of the substrate to eliminate the risk of a short circuit with any of the connection pads on a customer's motherboard. The oscillator assembly further incorporates an oscillator circuit in which a current limiting resistor is located in series between the power supply and the heater control circuit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2156/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SCREEN FILTER MODULE FOR ALTERNATING FLOW FILTRATION

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(51) International classification	:B01D 29/00
(31) Priority Document No	:61/099,633
(32) Priority Date	:24/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/005288
Filing Date	:23/09/2009
(87) International Publication No	:WO 2010/036338
(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)SHEVITZ JERRY**

Address of Applicant :9 ALCOTT DRIVE, LIVINGSTON, NJ  
07039 U.S.A

(72)**Name of Inventor :**

**1)SHEVITZ JERRY**

(57) Abstract :

Improved screen filter modules, related compartmentalized filtration modules, and related filtration processes, suitable for filtering fluid to eliminate suspended particulate matter, such as living cells or microcarriers anchoring living cells, or to separate particulate matter based on size. The improvement is the presence of a barrier that channels redirected filtrate to the portion of the filter most susceptible to clogging by the particulate matter and induces flow patterns that act against clogging.

No. of Pages : 46 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2159/DELNP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : TARGETED ADVERTISING USING OBJECT IDENTIFICATION

(51) International classification	:G06Q 30/00
(31) Priority Document No	:12/236,215
(32) Priority Date	:23/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/057878
Filing Date	:22/09/2009
(87) International Publication No	:WO 2010/039499
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

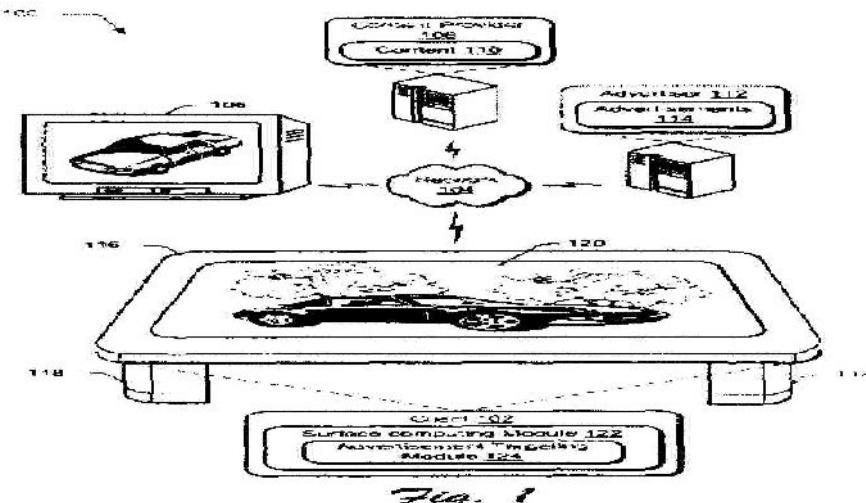
1)NEUFELD M., NADAV

2)METTIFOGO, GIONATA

3)MIGOS, CHARLES

(57) Abstract :

Targeted advertising using object identification techniques is described. In an implementation, an object is identified by a client that is placed on a surface of the client. An advertisement is located that corresponds to the identified object and is output.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2157/DELNP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : PROCESS FOR PRODUCTION OF OPTICALLY ACTIVE AMINE DERIVATIVE

(51) International classification	:C12N 9/06
(31) Priority Document No	:2008-223625
(32) Priority Date	:01/09/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/065240
Filing Date	:01/09/2009
(87) International Publication No	:WO 2010/024444
(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)DAICEL CHEMICAL INDUSTRIES, LTD.

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(72)Name of Inventor :

1)NAGASAWA, TORU

2)YOSHIDA, TOYOKAZU

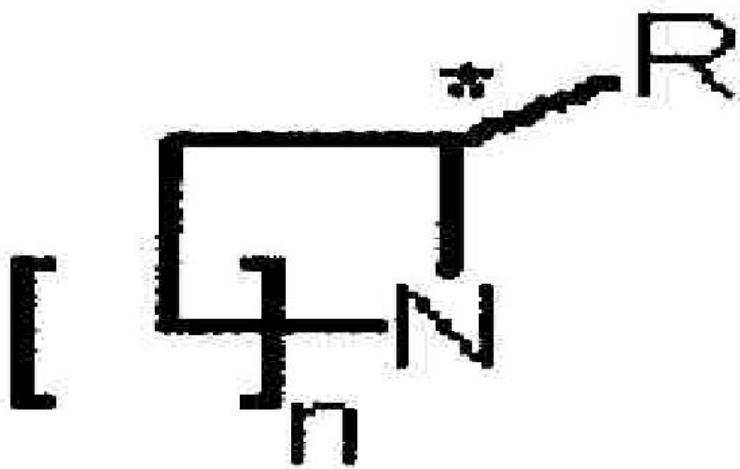
3)ISHIDA, KOICHI

4)YAMAMOTO, HIROAKI

5)KIMOTO, NORIHIRO

(57) Abstract :

Novel enzymes that stereoselectively reduce imine derivatives were isolated and purified, and polynucleotides encoding the enzymes were cloned. Optically active amine derivatives were produced by acting on imine derivatives with a culture of microorganisms having the ability to stereoselectively reduce the compounds, microbial cells or processed products thereof, and/or imine reductases thereof, followed by collecting the generated optically active amine derivatives. The present invention enables, for example, production of an optically active compound represented by formula (IV): formula (IV): (wherein R group represents an alkyl group having one to three carbon atoms; and n represents an integer of 1 to 4).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2158/DELNP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : PROCESS FOR PRODUCTION OF OPTICALLY ACTIVE AMINE DERIVATIVE

(51) International classification	:C12P 13/00
(31) Priority Document No	:2008-223626
(32) Priority Date	:01/09/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/065244
Filing Date	:01/09/2009
(87) International Publication No	:WO 2010/024445
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)NAGASAWA, TORU

2)YOSHIDA, TOYOKAZU

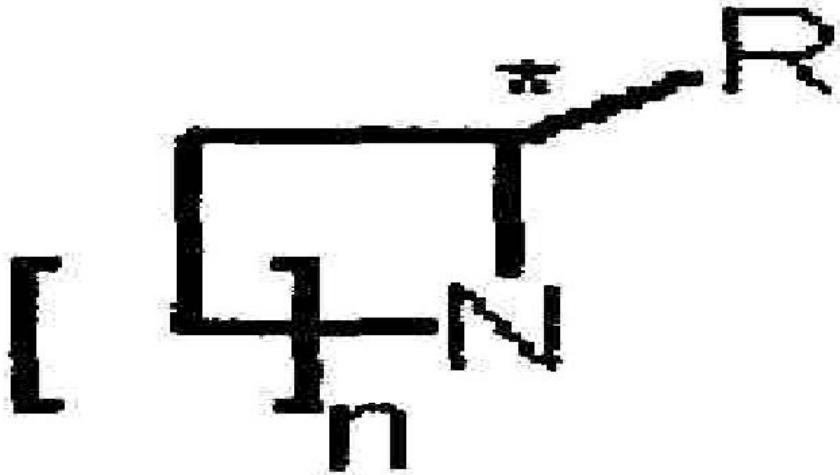
3)ISHIDA, KOICHI

4)YAMAMOTO, HIROAKI

5)KIMOTO, NORIHIRO

(57) Abstract :

Optically active amine derivatives are produced by acting on inline derivatives with a culture of microorganisms having the ability to stereoselectively reduce the compounds, microbial cells, or processed products thereof, followed by collecting the generated optically active amine derivatives. Optically active amine derivatives obtained in the present invention are useful as materials for pharmaceutical agents. The present invention enables, for example, production of an optically active compound represented by formula (IV): formula (IV): (wherein R group represents an alkyl group having one to three carbon atoms; and n represents an integer of 1 to 4).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2161/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : NEW PROCESS FOR PREPARING DIKETONES AND MEDICAMENTS

---

(51) International classification

:C07D 307/80

(31) Priority Document No

:PCT/GB2008/003341

(32) Priority Date

:02/10/2008

(33) Name of priority country

:U.K.

(86) International Application No

:PCT/GB2009/002346

Filing Date

:02/10/2009

(87) International Publication No

:WO 2010/038029

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)CAMBREX KARLSKOGA AB**

Address of Applicant :S-691 85 KARLSKOGA, SWEDEN

(72)Name of Inventor :

**1)EKLUND, LARS**

(57) Abstract :

There is provided a process for the preparation of a compound of formula (III), wherein X and Y are as described in the description. Such compounds may, for example, be useful intermediates in the synthesis of drugs such as Dronedarone. There is also provided a process for the preparation of a compound of formula (I).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/03/2011

(21) Application No.2160/DELNP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : USER INTERFACE HAVING ZOOM FUNCTIONALITY

(51) International classification	:G06F 3/048
(31) Priority Document No	:12/237,715
(32) Priority Date	:25/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/057889
Filing Date	:22/09/2009
(87) International Publication No	:WO 2010/036660
(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)MICROSOFT CORPORATION

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(72)Name of Inventor :

1)NEUFELD, NADAV, M

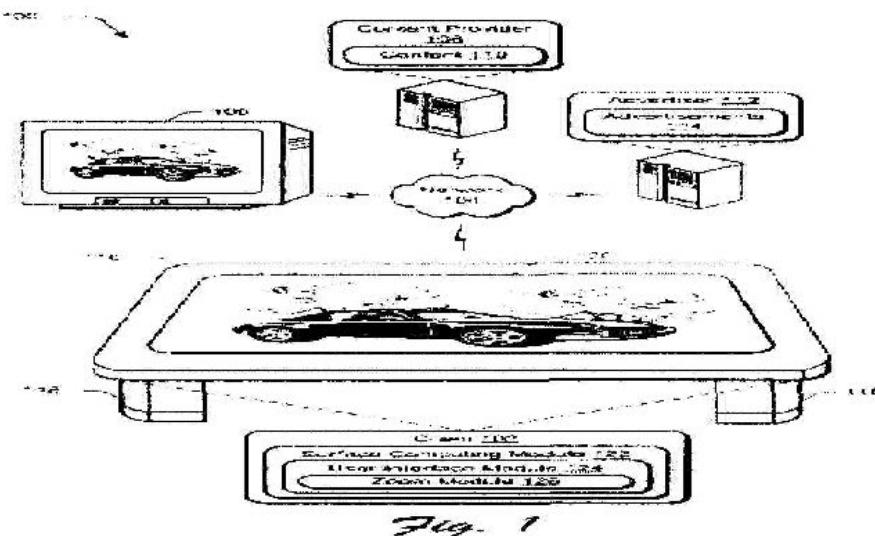
2)METTIFOGO, GIONATA

3)MIGOS, CHARLES, J

4)KLEINHANZL, AFSHAN, A

(57) Abstract :

A user interface having zoom functionality is described. In an implementation, a user interface is displayed having representations of a plurality of content. Each of the representations is formed using a respective picture-in-picture stream of respective content. When an input is received to select a particular one of the representations, the respective content is displayed by zooming in from the picture-in-picture stream of the respective content to a respective video stream of the respective content.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2168/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : MULTI-FACTOR AUTHORIZATION SYSTEM AND METHOD

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(51) International classification	:G06Q 20/00
(31) Priority Document No	:61/095,290
(32) Priority Date	:08/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/056276
Filing Date	:08/09/2009
(87) International Publication No	:WO 2010/082960
(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)OBOPAY, INC.**

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(72)**Name of Inventor :**

**1)AJIT THOMAS**

**2)RODNEY ROBINSON**

**3)JOHN MICHAEL TUMMINARO**

**4)JOHN TUMMINARO**

(57) Abstract :

A method for authenticating the identity of a party to a transaction being executed over wired or wireless networks, using a personal device, comprising the steps of receiving, over a network, a message to initiate one of a plurality of transactions, identifying at least one indicia of the device transmitting the message, identifying the type of transaction, where at least one of the plurality of transactions requires further authentication and at least another one of the plurality of transactions does not, applying a set of rules appropriate to the transaction, for transactions requiring further authentication, comparing the party's response to predetermined acceptable responses, and accepting or rejecting the transaction request depending upon the outcome of the comparison.

No. of Pages : 23 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2170/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD FOR IDENTIFYING A FACILITY ON THE GROUND OR AT SEA

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(51) International classification	:G01S 13/78
(31) Priority Document No	:0805221
(32) Priority Date	:23/09/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2009/062333
Filing Date	:23/09/2009
(87) International Publication No	:WO 2010/034747
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(71)Name of Applicant :

1)TALES

Address of Applicant :45, RUE DE VILLIERS 92200  
NEUILLY-SUR-SEINE, FRANCE

(72)Name of Inventor :

1)CLAUDE PROVOST

2)BERTRAND SCHOENDORFF

(57) Abstract :

The present invention relates to a method for identifying a facility on the ground or at sea, the method being implemented on an airborne responder linked to at least two antennas, the method comprising a step of choosing a first transmission antenna (102) and then a step of transmitting an interrogation message from the chosen antenna (104), the method furthermore comprising at least the following steps: testing whether a response has been received by the responder (106): o if at least one response signal is received by at least one of the antennas, choosing a transmission antenna as a function of the response signal or signals received (110); o if no response message is received, choosing a different transmission antenna from the antenna that transmitted the last interrogation message (108); repeating the method from the step of transmitting the interrogation message (104). Figure 2 to be published.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2165/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SOOT RADIAL PRESSING FOR OPTICAL FIBER OVERCLADDING

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(51) International classification	:C03B 37/012
(31) Priority Document No	:12/235,931
(32) Priority Date	:23/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/005154
Filing Date	:16/09/2009
(87) International Publication No	:WO 2010/036310
(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)CORNING INCORPORATED**

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(72)**Name of Inventor :**

**1)STEVEN BRUCE DAWES**

**2)DOUGLAS H. JENNINGS**

**3)NICOLAS LEBLOND**

**4)CHRISTOPHER SCOTT THOMAS**

(57) Abstract :

A method and apparatus for making an optical fiber preform. The apparatus has an outer wall and an inner wall. The outer wall surrounds the inner wall and the inner wall surrounds an inner cavity of the apparatus. A consolidated glass rod is deposited in the inner cavity after which particulate glass material, such as glass soot, is deposited in the inner cavity around the glass rod. A radially inward pressure is applied against the particulate glass material to pressurize the particulate glass material against the glass rod.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2169/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : COMPOSITIONS OF PD-1 ANTAGONISTS AND METHODS OF USE

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(51) International classification	:A61K 39/295
(31) Priority Document No	:61/091,709
(32) Priority Date	:25/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/004825
Filing Date	:25/08/2009
(87) International Publication No	:WO 2010/027423
(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)AMPLIMMUNE, INC.**

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SUITE C-120, ROCKVILLE, MD 20850, U.S.A

(72)Name of Inventor :

**1)SOLOMON LANGERMAN**

**2)LINDA LIU**

(57) Abstract :

A therapeutic composition, comprising a compound that prevents inhibitory signal transduction through Programmed Cell Death-1 (PD-1) on T cells and a potentiating agent in a pharmaceutically acceptable carrier, wherein said compound and said potentiating agent are together present in an amount effective to increase a T cell response in a mammal.

No. of Pages : 120 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2171/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : NOVEL SUBSTRATES OF O6-ALKYLGUANINE-DNA ALKYLTRANSFERASE AND MUTANTS THEREOF

(51) International classification	:C07D 239/36
(31) Priority Document No	:0856409
(32) Priority Date	:23/09/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR09/51787
Filing Date	:22/09/2009
(87) International Publication No	:WO 2010/034931
(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)CIS BIO INTERNATIONAL**

Address of Applicant :RN 306 SACLAY, B.P. 32, 91192 GIF SUR YVETTE CEDEX, FRANCE

(72)**Name of Inventor :**

**1)EMMANUEL BOURRIER**

**2)MICHAEL LAGET**

**3)LAURENT LAMARQUE**

**4)NORBERT TINEL**

**5)ERIC TRINQUET**

**6)HERVE BAZIN**

---

(57) Abstract :

A compound of formula (I'): in which: B represents a group of formula (IT) or (III') below: in which the dotted lines represent the bonds with the oxygen of the formula (I'). R1 is chosen from: H, NH2, an OH group or an oxo group, R2 is chosen from: NH2, OH or oxo, R3 is chosen from: H or a CH3 group; L2 is a linker; M is a molecule of interest or a reactive group; A is chosen from the following divalent groups:

No. of Pages : 83 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2166/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : VALVE METAL AND VALVE METAL OXIDE AGGLOMERATE POWDERS AND METHOD FOR THE PRODUCITON THEREOF

(51) International classification	:H01G 9/052	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 2008 048 614.0	<b>1)H.C. STRACK GMBH</b>
(32) Priority Date	:23/09/2008	Address of Applicant :IM SCHLEEKE 78-91, 38642
(33) Name of priority country	:Germany	GOSLAR, GERMANY
(86) International Application No	:PCT/EP2009/060912	(72) <b>Name of Inventor :</b>
Filing Date	:25/08/2009	<b>1)CHRISTOPHER SCHNITTER</b>
(87) International Publication No	:WO 2010/034577	<b>2)HOLGER BRUMM</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Valve metal and valve metal oxide agglomerate powders suitable especially for the production of solid electrolytic capacitors are described, which, after sintering to high-porosity sintered bodies, have a high skeletal density, i.e. are low in closed pores. The agglomerate powders have good compactibility and an excellent sliding coefficient which depends on the specific surface area.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/01/2011

(21) Application No.217/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : MESSAGE ROUTING PLATFORM

(51) International classification	:H04L 12/56
(31) Priority Document No	:200805997-4
(32) Priority Date	:13/08/2008
(33) Name of priority country	:Singapore
(86) International Application No	:PCT/SG2009/000266
Filing Date	:29/07/2009
(87) International Publication No	:WO 2010/019105
(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)3RD BRAND PTE. LTD.**

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(72)Name of Inventor :

**1)UNDERWOOD, JOHN ANTHONY  
2)KEYS, CHRISTOPHER EDWARD  
3)KERO, MARKKU  
4)LEINONEN, RAINER  
5)DELAGON, ALVIN**

---

(57) Abstract :

A system and method for routing messages in a communication network is disclosed. The system include a plurality of nodes for receiving a packet for delivery to an intended recipient wherein the system is adapted to determine if the intended recipient is connected to a first selected node within the plurality of nodes; and if the recipient is connected to the first selected node, deliver the packet; and if the recipient is determined not to be connected to the first selected node within the plurality of nodes, the system is further adapted to determine which node from the plurality of nodes the intended recipient is connected and forward the packet to the node to which the intended recipient is connected.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2172/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : A KIT FOR PREPARING A CELL CONCENTRATE FROM A PHYSIOLOGICAL SOLUTION

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(51) International classification	:A61K 35/14
(31) Priority Document No	:10/811,549
(32) Priority Date	:29/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US05/010004
Filing Date	:23/03/2005
(87) International Publication No	:WO 2005/094914
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:5750/DELNP/2006
Filed on	:04/10/2006

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(71)**Name of Applicant :**

**1)SMITH & NEPHEW, INC**

Address of Applicant :1450 BROOKS ROAD, MEMPHIS,TN  
38116, U.S.A

**2)PALL CORPORATION**

(72)**Name of Inventor :**

**1)SAMUEL O. SOWEMIMO-COKER**

**2)MARCUS LEE SCOTT**

**3)MARC LONG**

**4)ED MARGERRISON**

**5)MICHAEL B.COOPER**

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(57) Abstract :

A kit for preparing a cell concentrate from a physiological solution, comprising a first filtration device and a second filtration device, both of which are housed in a suitable container, such that after filtration, the cell concentrate comprises platelets and nucleated cells per unit volume greater than in the physiological solution.

No. of Pages : 74 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2177/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING CLOSED SUBSCRIBER GROUP ACCESS CONTROL

(51) International classification	:H04W 12/08	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)NOKIA SIEMENS NETWORKS OY</b>
(32) Priority Date	:NA	Address of Applicant :KARAPORTTI 3, FI-02610 ESPOO, Finland
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/IB2008/053942	<b>1)DALSGAARD, LARS</b>
Filing Date	:26/09/2008	<b>2)KOSKELA, JARKKO TUOMO</b>
(87) International Publication No	:WO 2010/035069	<b>3)SEBIRE, BENOIST PIERRE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for providing closed subscriber group access control may include a processor. The processor may be configured to maintain a non-access register including an identifier of a communication cell associated with a closed subscriber group to which a communication device associated with the non-access register does not have access rights, and enable subsequent communication with another communication cell based on the other communication cell not being identified in the non-access register. A corresponding method and computer program product are also provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2178/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : ACID-RESISTANT FILAMENT FOR INDUSTRIAL APPLICATION AND BRUSH (MADE) WITH SAME

(51) International classification	:D02G 3/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:200810213179.3	<b>1)E.I. DU PONT DE NEMOURS AND COMPANY</b> Address of Applicant :1007 MARKET STREET, WILMINGTON, DELAWARE 19898, U.S.A
(32) Priority Date	:18/09/2008	<b>2) DUPONT XINGDA FILAMENTS COMPANY LIMITED</b>
(33) Name of priority country	:China	<b>(72)Name of Inventor :</b>
(86) International Application No	:PCT/US2009/057270	<b>1)YU, TING</b>
Filing Date	:17/09/2009	<b>2)LIU, XIANQIAO</b>
(87) International Publication No	:WO 2010/033671	<b>3)SUN, NANJIAN</b>
(61) Patent of Addition to Application Number	:NA	<b>4)WANG, MINGSONG</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a brush filament for industrial applications and a brush made with the same. The brush filament comprises a matrix resin, a hydrolytic stabilizer and/or an acid-absorbing agent, and an antioxidant. The brush filament of the invention is suitable for industrial applications, in particular, for grinding, polishing and cleaning of marbles and/or metals after they have been cut.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2183/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : NOVEL HERBICIDES

(51) International classification	:C07D 307/12
(31) Priority Document No	:0819205.6
(32) Priority Date	:20/10/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2009/062327
Filing Date	:23/09/2009
(87) International Publication No	:WO 2010/046194
(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)SYNGENTA LIMITED**

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(72)Name of Inventor :

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**2)CLOUGH JOHN MARTIN**

**3)BEAUTEMENT KEVIN**

**4)TYTE MELLONEY**

**5)ROBINSON LOUISA**

**6)JEANMART STEPHANE ANDRE MARIE**

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(57) Abstract :

Cyclohexanedione compounds, which are suitable for use as herbicides.

No. of Pages : 116 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2184/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : CARBOXYETHYLATED CYCLODEXTRIN POLYSULFATES USEFUL AS MEDICAMENTS

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(51) International classification	:C08B 37/16
(31) Priority Document No	:08164818.0
(32) Priority Date	:22/09/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/062277
Filing Date	:22/09/2009
(87) International Publication No	:WO 2010/031876
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

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GD ROTTERDAM, NETHERLANDS

(72)Name of Inventor :

1)ELEWAUT DIRK

2)VERBRUGGEN AUGUST LODEWIJK

(57) Abstract :

This invention relates to novel -cyclodextrin polysulfate compounds comprising from one to three 2-carboxyethyl substituents, and at least two sulfates groups per glucopyranose unit, which are useful as active ingredients for the treatment and/or prophylaxis of degenerative joint diseases, osteoarthritis, articular rheumatism, arthrosis or degenerative arthritis, or for the treatment of heparin-induced thrombocytopenia, or for cartilage repair or connective tissue repair.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2185/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD FOR TREATMENT OF COPD AND OTHER PULMONARY DISEASES

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(51) International classification	:A61K 90/00
(31) Priority Document No	:61/195,908
(32) Priority Date	:14/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/007540
Filing Date	:30/09/2009
(87) International Publication No	:WO 2010/043981
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(71)Name of Applicant :

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Address of Applicant : WOHRAER STR. 37, 35285  
GEMUNDEN (WOHRA) GERMANY.

(72)Name of Inventor :

1)HOFMANN THOMAS

(57) Abstract :

A method for treatment of patients with pulmonary diseases by providing an aerosolized combination of a methylxanthine and a topical steroid administered into a patient's conducting and central airways. The method utilizes a specific treatment protocol and a nebulizing system providing an aerosol having particles of a predetermined mass medial aerodynamic diameter (MMAD) delivered to the conducting and central lungs with overpressure and under controlled conditions.

No. of Pages : 50 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2174/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PLATFORM FOR CAPTURING WAVE ENERGY

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(51) International classification	:F02B 13/18
(31) Priority Document No	:P200803344
(32) Priority Date	:25/11/2008
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2009/000512
Filing Date	:26/10/2009
(87) International Publication No	:WO 2010/061013
(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)MAYORAL GONZALEZ, FELIX**

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(72)Name of Inventor :

**1)MAYORAL GONZALEZ, FELIX**

(57) Abstract :

The present invention relates to a platform for capturing wave energy suitable for deep and ultra-deep waters, comprising a cover (1) supported on a submerged hull (2) by means of hydrodynamic pillars (3) uniformly distributed along its sides. Its plan view is V-shaped and it is self-orienting such that the wave front moves forward perpendicularly to its plane of symmetry. The wave energy is absorbed by means of separate capture modules (4) which, located between the pillars (3) along the sides, come into contact with the waves progressively as they move forward, which makes it possible to convert their periodic movement into a continuous movement. The platform is stabilized using large ballasts (8) connected, by means of mooring lines (9), to the lower edge of its pivot shaft (10), which allows it to automatically position itself correctly at all times.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2011

(21) Application No.2186/DELNP/2011 A

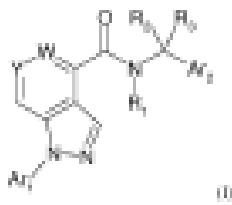
(43) Publication Date : 30/12/2011

(54) Title of the invention : AZAINDAZOLE COMPOUNDS AS CCRI RECEPTOR ANTAGONISTS

(51) International classification	:C07D 471/04	(71) Name of Applicant :
(31) Priority Document No	:61/100,401	1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(32) Priority Date	:26/09/2008	Address of Applicant :BINGER STR. 173, 55216 INGELHEIM AM RHEIN, GERMANY
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/US2009/057778 :22/09/2009	1)BRIAN NICHLOAS COOK 2)DARREN DISALVO 3)DANIEL ROBERT FANDRICK 4)CHRISTIAN HARCKEN 5)DANIEL KUZMICH 6)THOMAS WAI-HO LEE 7)PINGRONG LIU 8)JOHN LORD 9)CAN MAO 10)JOCHEN NEU 11)BRIAN CHRISTOPHER RAUDENBUSH 12)HOSSEIN RAZAVI 13)JONATHAN TIMOTHY REEVES 14)JINHUA J. SONG 15)ALAN DAVID SWINAMER 16)ZHULIN TAN
(87) International Publication No	:WO 2010/036632	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are compounds of the formula (I), useful for treating a variety of diseases and disorders that are mediated or sustained through the activity of CCR1 including autoimmune diseases, such as rheumatoid arthritis and multiple sclerosis. Also disclosed are methods of making and methods of using same.



(I)

No. of Pages : 330 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2175/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : APPARATUS FOR CONVERTING OCEAN WAVE ENERGY

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(51) International classification	:F03B 13/14
(31) Priority Document No	:PA 2008 01311
(32) Priority Date	:19/09/2008
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2009/050244
Filing Date	:18/09/2009
(87) International Publication No	:WO 2010/031405
(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)WAVEPISTON APS**

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HENSIG`R (DK) Denmark

(72)Name of Inventor :

**1)VON BULOW, MARTIN**

**2)GLEJBOL, KRISTIAN**

**3)MERSEBACH, FRANK, DANIEL**

(57) Abstract :

The purpose of this invention is to present a device for utilisation of the horizontal component of wave motions in which there is no proportionality between the installed power and the initial costs of the device. According to the invention, this is obtained with a device which contains at least one oblong supporting structure and three or more independently movable resistance elements.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2176/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : CAPTURE AND RELEASE OF ACID-GASSES WITH ACID-GAS BINDING ORGANIC COMPOUNDS

(51) International classification	:B01D 53/14	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/099,387	<b>1)BATELLE MEMORIAL INSTITUTE</b>
(32) Priority Date	:23/09/2008	Address of Applicant :PACIFIC NORTHWEST DIVISION, INTELLECTUAL PROPERTY LEGAL SERVICES, P.O. BOX 999, RICHLAND, WA 99352 (U.S.) U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2009/0057721	(72) <b>Name of Inventor :</b>
Filing Date	:21/09/2009	<b>1)HELDEBRANT, DAVID, J.</b>
(87) International Publication No	:WO 2010/039479	<b>2)YONKER, CLEMENT, R.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KOECH, PHILLIP, K.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Reversible acid-gas binding organic liquid materials, systems and methods that permit capture of one or more of the several acid gases. These acid-gas binding organic compounds can be regenerated to release the captured acid gasses and enable these organic acid-gas binding materials to be reused. This enables transport of the liquid capture compounds and the release of the acid gases from the organic liquid with significant energy savings compared to current aqueous systems. The acid gas capture compound is preferably a liquid material that can be easily transported to allow movement of the captured material from the scrubbing location to a second stage where the acid gas can be removed for storage or processing. Once the acid gas is removed from the organic liquid, the organic liquid can be returned to the system and the process repeated. In some embodiments these are single molecules of zwitterionic liquids.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2011

(21) Application No.2187/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : WATER TREATMENT METHODS

(51) International classification	:B01D 24/00
(31) Priority Document No	:61/099,597
(32) Priority Date	:24/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCTUS2009/057999
Filing Date	:23/09/2009
(87) International Publication No	:WO 2010/036690
(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)SIEMENS WATER TECHNOLOGIES CORP.**

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(72)Name of Inventor :

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**2)BRYAN J. KUMFER**

**3)ERIC A. LORGE**

**4)STUART J. MUNSON**

**5)MICHAEL HOWDESHELL**

**6)MATTHEW PATTERSON**

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(57) Abstract :

-A method of filtering contaminants from a liquid comprising: providing a liquid comprising an oil and suspended solids; passing the liquid through a filter vessel, the filter vessel comprising walnut shell media, a draft tube system, a peripheral zone between a side wall of the draft tube system and a side wall of the vessel; interrupting flow of the liquid through the vessel; passing a first fluid through the filter media and the draft tube system in a direction counter a flow of the liquid; passing a second fluid through the filter media and the peripheral zone; interrupting flow of the second fluid while continuing to pass the first fluid through the filter media and the draft tube system; reestablishing flow of the second fluid; removing at least a portion of the oil and suspended solids from the filter vessel; interrupting flow of the first fluid and the second fluid; and reestablishing flow of the liquid through the filter vessel.

No. of Pages : 38 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2011

(21) Application No.2188/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : DEVICE FOR TESTING THE MATERIAL OF TEST OBJECTS BY MEANS OF X-RAY RADIATION

(51) International classification	:G01N 23/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP08/008072
Filing Date	:24/09/2008
(87) International Publication No	:WO 2010/034323
(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)GE SENSING & INSPECTION TECHNOLOGIES  
GMBH**

Address of Applicant :ROBERT-BOSCH-STR. 3, 50354  
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(72)**Name of Inventor :**

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2)INGO STUKE  
3)NICOLAS BRETZKE  
4)HOLGER LUX  
5)MICHAEL WUESTENBECKER**

(57) Abstract :

A device (10) for x-ray material testing of test objects (15) includes a translational conveyor device (14) for automatically serially feeding and discharging test objects (15) to or from a testing position and an x-ray device (20) comprising an x-ray source (12) for irradiating a test object (15) held in the testing position on a carrier (33) and an x-ray detector (13), wherein the test object (15) and the x-ray device (20) can be rotated relative to each other around an essentially vertical rotational axis R, only, during x-ray testing. According to one aspect of the invention, the carrier (33) together with the test object (15) held thereon can be rotated as a whole around the rotational axis R for the x-ray testing. According to a further aspect of the invention, the x-ray device (20) can be rotated as a whole around the rotational axis R for the x-ray testing. The carrier (33) is a translational conveyor device for the test object.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.2162/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : EASILY DYEABLE META-TYPE WHOLLY AROMATIC POLYAMIDE FIBER

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(51) International classification	:D01F 6/60
(31) Priority Document No	:2008-250944
(32) Priority Date	:29/09/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/066789
Filing Date	:28/09/2009
(87) International Publication No	:WO 2010/035834
(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)TEIJIN TECHNO PRODUCTS LIMITED

Address of Applicant :6-7, MINAMIHOMMACHI 1-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0054, JAPAN

(72)Name of Inventor :

1)YAMAUCHI, YUSUKE

2)TAKIUE, KOTAROU

(57) Abstract :

There is provided an easily dyeable meta-type wholly aromatic polyamide fiber excellent in dyeability and acid resistance, and having a very small residual solvent content. The components or conditions of the coagulation bath are appropriately adjusted so as to achieve a coagulated form not having a skin core, plasticization drawing is performed at a specific ratio, and after completing a washing step, a dry heat treatment is performed at a specific temperature.

No. of Pages : 42 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2011

(21) Application No.2189/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : WATER TREATMENT APPARATUS AND SYSTEM

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(51) International classification	:B01D 24/00
(31) Priority Document No	:61/099,597
(32) Priority Date	:24/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/058005
Filing Date	:23/09/2009
(87) International Publication No	:WO 2010/036692
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)**Name of Applicant :**

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**3)STUART J. MUNSON**

**4)ERIC A. LORGE**

**5)BRYAN J. KUMFER**

**6)MATTHEW PATTERSON**

---

(57) Abstract :

A filter apparatus comprising: a vessel; a walnut shell filter media positioned in the vessel; a feed inlet positioned in the vessel and above the filter media; a draft tube system positioned in the filter media constructed and arranged to substantially roll the filter media; a first fluid inlet constructed and arranged to deliver a first fluid to the draft tube system; and a filtrate outlet positioned below the filter media.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2011

(21) Application No.2192/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD OF MANUFACTURING PHOTOVOLTAIC CELL

(51) International classification	:H01L 31/04
(31) Priority Document No	:2008-242541
(32) Priority Date	:22/09/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/004677
Filing Date	:17/09/2009
(87) International Publication No	:WO 2010/032465
(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)ULVAC, INC.**

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(72)**Name of Inventor :**

**1)YAMAMURO, KAZUHIRO**

**2)YUYAMA, JUNPEI**

**3)SONG, YIBING**

**4)AOYAGI, HIDEKATSU**

---

(57) Abstract :

Provided is a method of manufacturing a photovoltaic cell according to the present invention, the photovoltaic cell including a substrate, and a structure in which a first conductive layer, a photoelectric conversion layer and a second conductive layer are superposed on the substrate in this order; the structure is electrically separated by a predetermined size to form a plurality of compartment elements; and the compartment elements adjacent to each other are electrically connected to each other, the method including: a defect region specifying step of specifying a region in which a structural defect exists from the plurality of compartment elements; and a repairing step of irradiating the region or the periphery thereof with a laser beam to remove the structural defect, wherein the repairing step includes a step a of irradiating the structure with a first laser to remove or separate the region, and a step P of irradiating an end portion of the structure generated by the removal or separation with a second laser to clean the end portion, and wherein the second laser uses a laser obtained by defocusing the first laser so that a focus position thereof is away from the substrate.

No. of Pages : 56 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2011

(21) Application No.2194/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : DEVICE FOR X-RAY MATERIAL TESTING OF TEST OBJECTS

(51) International classification	:G01N 23/04
(31) Priority Document No	:PCT/EP08/008072
(32) Priority Date	:24/09/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/000152
Filing Date	:13/01/2009
(87) International Publication No	:WO 2010/034361
(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)GE SENSING & INSPECTION TECHNOLOGIES GMBH**

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**3)NICOLAS BRETZKE**

**4)HOLGER LUX**

**5)MICHAEL WUESTENBECKER**

**6)TIL FLORIAN GUENZLER**

---

(57) Abstract :

Device for x-ray material testing of test objects (15), including an x-ray device (20) which comprises an x-ray source (12) for irradiating a test object held (15) in the testing position and an x-ray detector (13) which is a line detector, and an electronic control device (38) which is adapted to control the x-ray device (20), wherein during x-ray testing the test object (15) and the x-ray device (20) can be rotated relative to each other around an essentially vertical rotational axis R, only, characterized in that the x-ray detector (13) comprises at least two detecting portions (13A, 13B, ...), each of which is adapted to detect the test object throughout a full radial cross-section (52A, 52B, ...).

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/02/2010

(21) Application No.219/DEL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : A PROCESS FOR FABRICATION OF AN ELECTROLYTE INSULATOR SEMICONDUCTOR DEVICE HAVING MULTISTEP RESERVOIR

(51) International classification

:G01B

(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

(57) Abstract :

The invention relates to a process for fabricating an electrolyte insulator semiconductor device having more than one step reservoir by adapting a multiple exposure lithographic technique, the process comprising the steps of providing a substrate and depositing and photolithographically patterning a dielectric material which acts as a mask, the depositing of the photoresist material initially made to both the surfaces of the substrate, the first surface after oxidization retained as an oxidized surface while the second surface being made free of oxidized material through removal of the deposits; applying a photoresist on the oxidized surface of the substrate; creating an inner opening to generate a single step reservoir by fully exposing the photoresist surface according to a first pattern; creating an outer opening to generate a two step reservoir by partially exposing the photoresist corresponding a second pattern; and configuring the contacts adapting a first metal on the back side, and a second metal on the shoulder of an upper step by metal evaporation through the mask. {FIGURE 1 }

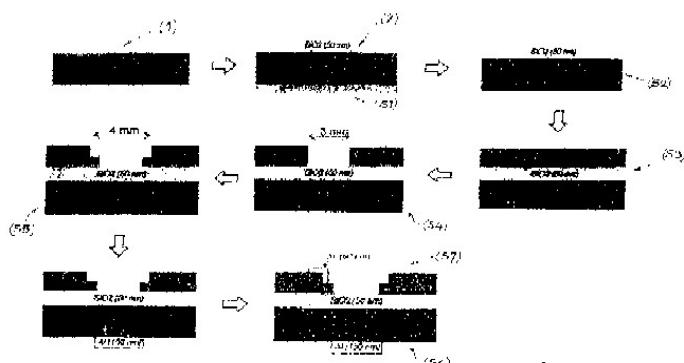


FIGURE 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/01/2011

(21) Application No.219/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : SELECTIVE HYDROXAMIC ACID BASED MMP-12 AND MMP-13 INHIBITORS

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(51) International classification	:C07C 311/19
(31) Priority Document No	:61/080,472
(32) Priority Date	:14/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/058932
Filing Date	:13/07/2009
(87) International Publication No	:WO 2010/007027
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

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**2)ROGEL OLIVIER**

**3)SHULTZ MICHAEL**

**4)TOMMASI RUBEN ALBERTO**

**5)WEILER SVEN**

---

(57) Abstract :

The present invention provides a compound of formula (I) said compound is inhibitor of MMP-12 and/or MMP-13, and thus can be employed for the treatment of a disorder or disease characterized by abnormal activity of MMP-12 and/or MMP-13. Accordingly, the compound of formula (I) can be used in treatment of disorders or diseases mediated by MMP-12 and/or MMP-13. Finally, the present invention also provides pharmaceutical composition that include the compound of formula (I),

No. of Pages : 107 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2011

(21) Application No.2195/DELNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : SORBENT COMPOSITIONS AND PROCESSES FOR REDUCING MERCURY EMISSIONS FROM COMBUSTION GAS STREAMS

(51) International classification	:B01D 53/64
(31) Priority Document No	:61/099,581
(32) Priority Date	:24/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/058133
Filing Date	:24/09/2009
(87) International Publication No	:WO 2010/036752
(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)ALBEMARLE CORPORATION**

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(72)**Name of Inventor :**

**1)CHRISTOPHER J. NALEPA**

(57) Abstract :

A process comprising adding a composition comprising a brominated organic compound and a sorbent to a combustion gas stream to reduce mercury emissions from the combustion gas stream.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/01/2011

(21) Application No.218/DELNP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : NOVEL COMPOUNDS, USE THEREOF AS MEDICAMENTS, AND METHOD FOR THE PREPARATION THEREOF

(51) International classification	:C07C 257/14
(31) Priority Document No	:08/03940
(32) Priority Date	:10/07/2008
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2009/051388 :10/07/2009
(87) International Publication No	:WO 2010/004231
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

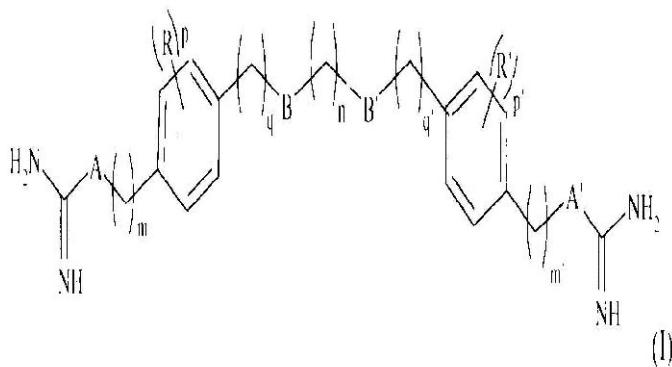
1)UNIVERSITE HENRI POINCARE NANCY 1  
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(72)Name of Inventor :

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4)REGNOUF-DE-VAINS JEAN-BERNARD

(57) Abstract :

The invention relates to novel compounds of the following formula (I):in which: n represents an integer from 1 to 12, in particular from 1 to 8, m and m' represent, independently of one another, integers from 0 to 8. q and q' represent, independently of one another, integers from 0 to 2, p and p' represent, independently of one another, integers from 0 to 4, A and A' represent, independently of one another, a CH<sub>2</sub> group, (particular case of amidines) an NH group or an NR group, in which R is a linear or branched alkyl group with 1 to 3 carbon atoms, B and B' represent, independently of one another, an oxygen atom or a CH<sub>2</sub> group, R and R' are, independently of one another, a halogen, such as chlorine, bromine, iodine or fluorine atoms, or a linear or branched alkyl group with 1 to 3 carbon atoms.use thereof as medicaments and the method of preparation thereof.



No. of Pages : 97 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2011

(21) Application No.2196/DELNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PD-1 ANTAGONISTS AND METHODS OF USE THEREOF

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(51) International classification	:A61K 38/18
(31) Priority Document No	:61/091,694
(32) Priority Date	:25/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/054971
Filing Date	:25/08/2009
(87) International Publication No	:WO 2010/027828
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

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(72)Name of Inventor :

**1)SOLOMON LANGERMAN**

**2)LINDA LIU**

(57) Abstract :

Compositions and methods for enhancing and/or prolonging the activation of T cells (i.e., increasing antigen-specific proliferation of T cells, enhancing cytokine production by T cells, stimulating differentiation ad effector functions of T cells and/or promoting T cell survival) or overcoming T cell exhaustion and/or anergy are provided. Suitable compositions include PD-1 receptor antagonists that bind to and block the endogenous PD-1 receptor without triggering inhibitory signals from PD-1, or bind to and block PD-1 receptor ligands and preventing them from interacting with PD-1 receptors. Methods for using the PD-1 receptor antagonists to enhance immune responses in subjects in need thereof are provided.

No. of Pages : 99 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.1000/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : RECONFIGURABLE SATELLITE POSITIONING SYSTEM RECEIVERS□

(51) International classification	:G01S 1/00
(31) Priority Document No	:61/117,857
(32) Priority Date	:25/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/065771
Filing Date	:24/11/2009
(87) International Publication No	:WO/2010/068456
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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United States of America

(72)**Name of Inventor :**

**1)CONROY Cormac S.**

**2)SHEYNBLAT Leonid**

(57) Abstract :

Methods and apparatus are provided for operatively enabling at least a first receiver path to receive a first signal associated with a first satellite positioning system (SPS), operatively enabling at least a second receiver path to receive a signal associated with at least one other SPS, and subsequently operatively enabling at least the second receiver path to receive a second signal associated with the first SPS.

No. of Pages : 53 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.1001/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : A METHOD OF FABRICATING A FIN FIELD EFFECT TRANSISTOR (FINFET) DEVICE □

(51) International classification	:H01L 21/336
(31) Priority Document No	:12/266,183
(32) Priority Date	:06/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/063478
Filing Date	:06/11/2009
(87) International Publication No	:WO/2010/054139
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

**1)SONG Seung-Chul**

**2)ABU-RAHMA Mohamed Hassan**

**3)HAN Beom-Mo**

---

(57) Abstract :

A method of fabricating a semiconductor using a fin field effect transistor (FINFET) is disclosed. In a particular embodiment, a method includes depositing, on a silicon substrate, a first dummy structure having a first sidewall and a second sidewall separated by a first width. The method also includes depositing, on the silicon substrate, a second dummy structure concurrently with depositing the first dummy structure. The second dummy structure has a third sidewall and a fourth sidewall that are separated by a second width. The second width is substantially greater than the first width. The first dummy structure is used to form a first pair of fins separated by approximately the first width. The second dummy structure is used to form a second pair of fins separated by approximately the second width.

No. of Pages : 40 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.1002/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : SYSTEM AND METHOD TO AUTOFOCUS ASSISTED BY AUTOEXPOSURE CONTROL □

(51) International classification	:H04N 5/232
(31) Priority Document No	:12/338,147
(32) Priority Date	:18/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/065687
Filing Date	:24/11/2009
(87) International Publication No	:WO/2010/071731
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

**1)LI Jingqiang**

**2)VELARDE Ruben M.**

**3)HUNG Szepo R.**

---

(57) Abstract :

In a particular embodiment, a method is disclosed that includes comparing a frame rate of image capture by an image sensor to a frame rate threshold at an image capture device. The method also includes when the frame rate is less than the frame rate threshold, increasing the frame rate to a modified frame rate that is greater than or at least equal to the frame rate threshold. The method further includes performing an autofocus operation on an image to be captured at the modified frame rate.

No. of Pages : 34 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.1003/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : POWER MANAGEMENT IN A MOBILE DEVICE□

(51) International classification	:H04W 68/00
(31) Priority Document No	:12/334,162
(32) Priority Date	:12/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/067677
Filing Date	:11/12/2009
(87) International Publication No	:WO/2010/068869
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)CASKEY Mark Stirling**

(57) Abstract :

Apparatuses, systems and methods for reducing power consumption during standby operation of a mobile device are disclosed. A page decoding algorithm can be stored in nonvolatile memory during standby. The page decoding algorithm can be executed from the nonvolatile memory, when the mobile device is awakened from a sleep state to determine if there is any activity such as an incoming call. No power is required for the nonvolatile memory to maintain storage of the algorithm so that the power requirement during standby of the mobile device is reduced.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.1004/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : MULTI LAYER FILM□

(51) International classification	:B32B 27/32,B65D 71/00,B65D 85/16	(71) <b>Name of Applicant :</b> <b>1)SAUDI BASIC INDUSTRIES CORPORATION</b> Address of Applicant :P.O. Box 5101 11422 Riyadh Saudi Arabia
(31) Priority Document No	:08018628.1	
(32) Priority Date	:24/10/2008	
(33) Name of priority country	:EPO	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/EP2009/007535	<b>1)RONZANI Alberto</b>
Filing Date	:21/10/2009	
(87) International Publication No	:WO/2010/046098	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is directed to a multi layer film to be used as a flexible packaging material for enclosing and containing one or more compressible products in a sealed condition. The 5 layer film according to the invention consists of: I. a first layer comprising low density polyethylene, II. a second layer comprising high density polyethylene, III. a third layer comprising linear low density polyethylene, IV. a fourth layer comprising high density polyethylene and V. a fifth layer comprising linear low density polyethylene.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2011

(21) Application No.1005/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD AND DEVICE FOR DIAGNOSING THE FIRST RECEPTION OF AN IDENTIFIER, DETECTION METHOD, STORAGE MEDIUM AND COMPUTER SOFTWARE FOR SAID METHOD

(51) International classification	:G06F 21/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:0857881	<b>1)Viaccess</b>
(32) Priority Date	:20/11/2008	Address of Applicant :Les Collines de l'Arche Tour Operera C
(33) Name of priority country	:France	92057 PARIS L a Dfense France
(86) International Application No	:PCT/EP2009/065050	(72) <b>Name of Inventor :</b>
Filing Date	:12/11/2009	<b>1)Haythem GADACHA</b>
(87) International Publication No	:WO/2010/057828	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The method of the invention comprises: a) determining (64, 68) at least one limit based on N already received identifiers, where N is strictly higher than the number of identifiers that can be contained in an anti-replay memory, the limit being determined so as to define, on the one hand, a range of identifiers that have not yet been received and, on the other hand, a range of identifiers containing the N already received identifiers; b) comparing (58) the newly received identifier to said limit; c) if the newly received identifier belongs to the range identifiers that have not yet been received, diagnosing (60) a first reception of the newly received identifier; and d) if the newly received identifier belongs to the range of identifiers containing the N already received identifiers, searching (73) the newly received identifier among those contained in the anti-replay memory.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.1006/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PULSATILE MEDICAL DEVICE DESIGNED TO BE USED IN EXTRACORPOREAL SURGERY

(51) International classification	:A61M 1/10,A61M 1/36	(71) <b>Name of Applicant :</b> <b>1)NOUR Sayed</b> Address of Applicant :48 rue Martial Boudet 92370 CHACILLE France
(31) Priority Document No	:0858546	(72) <b>Name of Inventor :</b>
(32) Priority Date	:12/12/2008	<b>1)NOUR Sayed</b>
(33) Name of priority country	:France	
(86) International Application No	:PCT/EP2009/066994	
Filing Date	:11/12/2009	
(87) International Publication No	:WO/2010/066899	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a pulsatile medical device (101; 201; 301; 401; 501) permitting the circulation of a flow of blood. According to the invention, the device comprises: an outer tube (2) having an inner wall (5), an outer wall (4) and two ends (6, 7), one end (6) being designed to be connected to a machine of the ECC type or to a system for cardiac assistance or to the body of the patient, and one end (7) being designed to be connected to the body of the patient; an inner tube (103) inserted into said outer tube (2) and having an inner wall (109), an outer wall (108), and two ends (110, 111) that are fixed all around their periphery to the outer tube (2), about the entire periphery thereof, the flow of blood circulating through said inner tube (103); the outer wall (108) of the inner tube (103) and the inner wall (5) of the outer tube (2) defining a space (12) designed to be filled with fluid, it being possible for said space (12) to be attached via a connector port (13) to an apparatus that can generate one or more inflations/deflations of said space (12) so as to create one or more pulses of the blood flow.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.1007/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SPLITTING WEDGE

(51) International classification	:E21C 37/02
(31) Priority Document No	:20086108
(32) Priority Date	:21/11/2008
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2009/050937
Filing Date	:19/11/2009
(87) International Publication No	:WO/2010/058081
(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)KIRNUUVUORI OY

Address of Applicant :Kirkonkyntie 100 FI-23200 Vinkkil  
Finland

(72)Name of Inventor :

1)VANHATALO Jouko

(57) Abstract :

The invention relates to a splitting wedge comprising at least a wedge (1), an external sleeve (3), and a wedge sleeve (2). The wedge sleeve (2) and the external sleeve (3) are connected to one another by providing one with a flange (8, 10) and the other with a groove (7, 9), the flange (8, 10) and the groove (7, 9) being substantially perpendicular with respect to a direction of motion (B) of the wedge (1), and by arranging the flange (8, 10) in the groove (7, 9).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.1012/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD AND APPARATUS FOR PRESSURE MEASUREMENT USING FILL TUBE□

(51) International classification	:G01L 9/16,G01L 13/02	(71) <b>Name of Applicant :</b> <b>1)ROSE-MOUNT INC.</b> Address of Applicant :12001 Technology Drive Eden Prairie MN 55344 United States U.S.A.
(31) Priority Document No	:12/327,050	(72) <b>Name of Inventor :</b>
(32) Priority Date	:03/12/2008	<b>1)WILLCOX Charles R.</b>
(33) Name of priority country	:U.S.A.	<b>2)HEDTKE Robert C.</b>
(86) International Application No	:PCT/US2009/064716	<b>3)LU Liang-ju</b>
Filing Date	:17/11/2009	
(87) International Publication No	:WO/2010/065286	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pressure sensor (56) includes a fill tube (93) which is arranged to couple to a process pressure. A sensor (98) is coupled to the fill tube (93) and is configured to measure pressure of fluid in the fill tube (93) as a function of a change of a physical property of the fill tube (93). Circuitry (74) is provided to measure pressure based upon the change of the physical property of the fill tube (93).

No. of Pages : 47 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.1013/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : LOCATION LOGGING AND LOCATION AND TIME BASED FILTERING□

(51) International classification	:H04W 4/02,H04L 29/08	(71) <b>Name of Applicant :</b> <b>1)QUALCOMM INCORPORATED</b> Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America
(31) Priority Document No	:61/122,681	
(32) Priority Date	:15/12/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2009/067902 :14/12/2009	(72) <b>Name of Inventor :</b> <b>1)GILLIES Donald William</b> <b>2)LO Charles N.</b> <b>3)EDGE Stephen W.</b>
(87) International Publication No	:WO/2010/077821	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Techniques for performing location logging and location and time based filtering are described. In one design of location logging, a terminal periodically determines its location, e.g., during its paging slots. The terminal determines whether there is a change in its location and stores its location if a change in location is detected. In one design of location and time based filtering, the terminal obtains a location and time criterion with a target area and a time period. The terminal determines its location during the time period, e.g., based on the location log. The terminal evaluates the location and time criterion based on the target area and its location during the time period, e.g., based on at least one sector ID for the target area and one or more sector IDs for its location. The terminal determines whether to download and/or present broadcast information based on the result of the evaluation.

No. of Pages : 45 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.1014/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : FAST PARSING OF VARIABLE-TO-FIXED-LENGTH CODES□

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(51) International classification	:H03M 7/40
(31) Priority Document No	:61/121,147
(32) Priority Date	:09/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/067148
Filing Date	:08/12/2009
(87) International Publication No	:WO/2010/077658
(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 92121-1714

United States of America

(72)Name of Inventor :

**1)REZNIK Yuriy**

(57) Abstract :

Methods and systems for parsing and decoding compressed data are provided. Random segments of the compressed data may be decompressed and positioned appropriately in the corresponding uncompressed data set. The methods and systems utilize variable to fixed length (VF) coding techniques. For some applications, the VF coding techniques may be implemented within media encoders, decoders, or combined encoder-decoders (CODECs).

No. of Pages : 61 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.1015/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : APPARATUS AND METHODS FOR ADAPTIVE THREAD SCHEDULING ON ASYMMETRIC MULTIPROCESSOR □

(51) International classification	:G06F 1/32,G06F 9/50
(31) Priority Document No	:12/333,063
(32) Priority Date	:11/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/067654 :11/12/2009
(87) International Publication No	:WO/2010/068855
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

**1)QUALCOMM INCORPORATED**

Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714  
United States of America

(72)**Name of Inventor :**

**1)MORROW Michael William**

**2)GARG Manish**

(57) Abstract :

Techniques for adaptive thread scheduling on a plurality of cores for reducing system energy are described. In one embodiment, a thread scheduler receives leakage current information associated with the plurality of cores. The leakage current information is employed to schedule a thread on one of the plurality of cores to reduce system energy usage. On chip calibration of the sensors is also described.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.1016/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SIMULTANEOUS MUTLI-SOURCE AUDIO OUTPUT AT A WIRELESS HEADSET □

(51) International classification	:H04R 1/10
(31) Priority Document No	:12/334,205
(32) Priority Date	:12/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/063270
Filing Date	:04/11/2009
(87) International Publication No	:WO/2010/068351
(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 92121-1714

United States of America

(72)Name of Inventor :

1)SAMPAT Kuntal

(57) Abstract :

A wireless headset supports simultaneous connections to two or more audio sources and can concurrently output audio from the different sources. The audio may include voice and/or audio playback, e.g., music playback. The wireless headset includes a first transceiver configured to receive a first audio input from a first source, a second transceiver configured to receive a second audio input from a second source, and an audio mixer configured to combine the first and second audio inputs into output audio.

No. of Pages : 26 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.1017/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SYSTEM AND METHOD OF AUTOMATICALLY GENERATING AND SENDING TEXT MESSAGES□

(51) International classification	:H04M 3/42
(31) Priority Document No	:12/333,851
(32) Priority Date	:12/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/067690 :11/12/2009
(87) International Publication No	:WO/2010/068878
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

**(71)Name of Applicant :**

**1)QUALCOMM INCORPORATED**

Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714  
United States of America

**(72)Name of Inventor :**

**1)GOYAL Amitabh**

**2)JAGETIYA Vikas**

**3)GUPTA Prateek**

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**(57) Abstract :**

A method of automatically generating text messages in response to a telephone call is disclosed and may include receiving an incoming telephone call at a text message capable device from a calling device, determining whether a text message engine within the text message capable device is enabled, automatically generating a text message when the text message engine is enabled and transmitting the text message to the calling device.

No. of Pages : 27 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.1018/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : APPARATUS AND METHODS FOR DETERMINING CONNECTION QUALITY OF A WIRELESS DEVICE ON A WIRELESS COMMUNICATIONS NETWORK□

(51) International classification	:H04W 28/04
(31) Priority Document No	:11/078,235
(32) Priority Date	:10/03/2005
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2006/008320 :08/03/2006
(87) International Publication No	:WO/2006/099001
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:1503/MUMNP/2007 :24/09/2007

(71)**Name of Applicant :**

**1)QUALCOMM INCORPORATED**

Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714  
United States of America

(72)**Name of Inventor :**

**1)FOK Kenny**

**2)YIP Eric Chi Chung**

**3)HWANG Jihyun**

**4)GUELLEC Lenaig Genevieve**

(57) Abstract :

Apparatus and methods for determining a connection quality of a wireless device with a wireless communications network comprise a user manager operable to receive a plurality of communications messages as recorded by the wireless device, where the plurality of communications messages comprise messages transmitted from and received by the wireless device via the wireless communication network. Further, a connection quality module associated with the user manager is operable to generate a connection quality record comprising a connection quality characteristic based on a detection of a predetermined sequence of communications messages within the plurality of communications messages. Optionally, an optimization module may generate a configuration change for the wireless device and/or a network component based on the connection quality characteristic.

No. of Pages : 60 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2011

(21) Application No.1019/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : GLUTAMYL TRNA SYNTHETASE (GTS) FRAGMENTS

(51) International classification	:C12N 9/00,A61K 38/16	(71) <b>Name of Applicant :</b> <b>1)PROTEA VACCINE TECHNOLOGIES LTD.</b> Address of Applicant :18 Einstein Street Science Park Kiryat Weizmann P.O. Box 4122 74140 Ness Ziona Israel.
(31) Priority Document No	:61/119,383	
(32) Priority Date	:03/12/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/IL2009/001142	(72) <b>Name of Inventor :</b>
Filing Date	:03/12/2009	<b>1)MIZRACHI-NEBENZAHL Yaffa</b>
(87) International Publication No	:WO/2010/064243	<b>2)TAL Michael</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DAGAN Ron</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to polypeptide fragments, including variants and analogs, of Streptococcus pneumoniae (S. pneumoniae) glutamyl tRNA synthetase (GtS) protein and to vaccines comprising such polypeptide fragments. In particular, the present invention relates to the use of such vaccines for eliciting protective immunity to S. pneumoniae.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2004

(21) Application No.1022/MUM/2004 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PREPARATION OF CLOPIDOGRED TABLETS

(51) International classification	:A61K31/4365	(71) <b>Name of Applicant :</b> <b>1)SANDOZ PRIVATE LIMITED</b> Address of Applicant :SANDOZ HOUSE, DR. ANNIE BESANT ROAD, WORLI, MUMBAI Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SUNIL B. ROY</b>
(87) International Publication No	: NA	<b>2)RAMASWAMI BHARATRAJAN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PALLAVI KHARKAR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the manufacture of clopidogrel oral dosage forms comprising the following steps: a. Compacting the active ingredient to obtain a granulate having a bulk density of 0.2 g/cc to 0.65 g/cc. b. Dry mixing the granulate obtained with at least one pharmaceutically acceptable ingredient c. Processing the blend so obtained in step b into a solid unitary dosage form.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2011

(21) Application No.1025/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : IMPROVEMENT TO WALL-MOUNTED SET OF ORNAMENTAL PLANT POTS

(51) International classification	:A01G 9/12,A47G 7/02	(71) <b>Name of Applicant :</b> <b>1)GISLENE Medeiros Mesiara</b> Address of Applicant :Rua Arruda Alvim 136 apto 11 - Pinheiros Sfo Paulo - SP Brazil
(31) Priority Document No	:MU-8.802.729-5	
(32) Priority Date	:13/11/2008	
(33) Name of priority country	:Brazil	
(86) International Application No	:PCT/BR2009/000268	
Filing Date	:14/08/2009	
(87) International Publication No	:WO/2010/054450	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present utility model refers to a vertical garden assembly, concerned with the field of gardening, more precisely for use in the decoration of internal and external environments by means of adequately suspended vases, to which an original constructive arrangement is given, aiming to reach a different functional option from the models previously developed by the inventor.

No. of Pages : 15 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2011

(21) Application No.1026/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SODIUM CHLORIDE PRODUCTION PROCESS□

(51) International classification	:C01D 3/06,B01D 9/00	(71) <b>Name of Applicant :</b> <b>1)AKZO NOBEL N.V.</b> Address of Applicant :Velperweg 76 NL-6824 BM Arnhem The Netherlands
(31) Priority Document No	:08168209.8	
(32) Priority Date	:03/11/2008	
(33) Name of priority country	:EPO	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/EP2009/064247	<b>1)BAKKENES Hendrikus Wilhelmus</b>
Filing Date	:29/10/2009	<b>2)MEIJER Johannes Albertus Maria</b>
(87) International Publication No	:WO/2010/060718	<b>3)SCHOKKER Allert</b>
(61) Patent of Addition to Application Number	:NA	<b>4)STEENSMA Maria</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention pertains to a process for producing sodium chloride comprising the steps of: (i) preparing a brine having a sodium chloride concentration which is higher than the sodium chloride concentration of the eutectic point but lower than the sodium chloride concentration of a saturated brine by dissolving a sodium chloride source in water; (ii) cooling the resulting brine by indirect cooling in a self-cleaning fluidized bed heat exchanger/crystallizer to a temperature lower than 00C but higher than the eutectic temperature of the resulting brine, thereby forming a slurry comprising sodium chloride dihydrate and a mother liquor; (iii) feeding the sodium chloride dihydrate to a recrystallizer to form sodium chloride and a mother liquor, and (iv) recycling at least part of the mother liquor obtained in step (ii) and/or step (iii) to step (i).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2011

(21) Application No.1027/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : DISCARDABLE FILES□

(51) International classification	:G06F 17/30
(31) Priority Document No	:12/336,089
(32) Priority Date	:16/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/065456
Filing Date	:23/11/2009
(87) International Publication No	:WO/2010/074866
(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)SANDISK IL LTD.**

Address of Applicant :7 Atir Yeda Street Kfar Saba Israel.

(72)Name of Inventor :

**1)RAINES Moshe**

**2)CARMELI Ran**

**3)KOREN David**

**4)HAHN Judah Gamliel**

**5)BRYANT-RICH Donald Ray**

(57) Abstract :

Files stored, or to be stored, in a storage device are marked either as non-discardable or as discardable in a file system structure associated with a storage device. Each discardable file has associated with it a discarding priority level. A publisher file is permitted to be stored in the storage device only if storing the publisher file does not narrow a storage usage safety margin that is reserved for user files. User files are allowed to be stored in the storage device even if storing them narrows the storage usage safety margin but, in such cases, the storage usage safety margin is restored by removing one or more discardable files from the storage device. A discardable file is removed from the storage device if its discarding priority level equals or is higher than a predetermined discarding threshold value.

No. of Pages : 40 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2011

(21) Application No.1024/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : LIQUID HIGH-FAT PROTEIN COMPOSITION□

(51) International classification	:A23L 1/29,A23L 1/30	(71) <b>Name of Applicant :</b> <b>1)N.V. NUTRICIA</b> Address of Applicant :Eerste Stationsstraat 186 NL-2712 HM Zoetermeer The Netherlands
(31) Priority Document No	:PCT/NL2008/050669	
(32) Priority Date	:24/10/2008	
(33) Name of priority country	:Argentina	
(86) International Application No Filing Date	:PCT/NL2009/050644 :23/10/2009	
(87) International Publication No	:WO/2010/047597	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention concerns nutritional compositions for persons with a (partially) functional gastrointestinal tract, who are unwilling and/or unable to consume sufficient quantities of conventional food to meet their nutritional requirements such as malnourished persons or persons at risk of becoming malnourished, and in need of liquid oral nutrition. The shelf-stable liquid nutritional compositions comprise at least non-micellar casein, a high amount of fat, and optionally a heat stabilisation system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2011

(21) Application No.1030/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : IMPROVEMENTS IN AN ELECTRICALLY CONTROLLED TURBOCHARGER

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(51) International classification	:F02D 23/00
(31) Priority Document No	:61/144,123
(32) Priority Date	:12/01/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/020707
Filing Date	:12/01/2010
(87) International Publication No	:WO/2010/081123
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)HIPPEN Will**

**2)LAIMBOECK Franz**

**3)HOFBAUER Peter**

**4)GARRARD Tyler**

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(57) Abstract :

An electrically controlled turbocharger has a motor mounted on a shaft in a motor housing between a turbine and compressor. Oil is sprayed onto the motor stator to cool the stator. In the case of a single shaft, a shaft stiffener is placed between the motor rotor and the shaft. Several embodiments of ECTs are discussed with single and concentric shafts as well as single and dual stages of compressors and turbines. Lubrication embodiments involve overcoming the centrifugal forces present in rotating shafts.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2011

(21) Application No.1029/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PROCESS FOR PREPARING CYCLIC DIAMINES□

(51) International classification	:C07C 209/16
(31) Priority Document No	:08168819.4
(32) Priority Date	:11/11/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/064751
Filing Date	:06/11/2009
(87) International Publication No	:WO/2010/054988
(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)BASF SE**

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(72)Name of Inventor :

**1)DAHMEN Kirsten**

**2)ERNST Martin**

**3)LIMBACH Michael**

**4)MELDER Johann-Peter**

**5)R-LER-FEIGEL Beatrice**

**6)TELES Joaquim Henrique**

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(57) Abstract :

The present invention relates to a process for preparing a cyclic diamine, comprising the reaction of at least one cyclic alkene with a gas mixture (G) comprising dinitrogen monoxide to give at least one cyclic ketone and the subsequent conversion of the at least one cyclic ketone to a cyclic diamine. The invention also relates to the use of a cyclic diamine with primary and secondary amine functions thus obtained to prepare polyamides and polyurethanes.

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2011

(21) Application No.1034/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : MOUSE HAVING DOT PATTERN READING FUNCTION□

(51) International classification	:G06F 3/033
(31) Priority Document No	:2008-292837
(32) Priority Date	:14/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/006108
Filing Date	:16/11/2009
(87) International Publication No	:WO/2010/055686
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Bunkyo-ku Tokyo 1120002 Japan

(72)Name of Inventor :

1)YOSHIDA Kenji

(57) Abstract :

Provided is a mouse which is equipped with a mouse function allowing the input of relative position information and a function allowing the input of absolute position information, and enables a user to visually specify the read position of a code with accuracy. A mouse for reading a dot pattern of XY coordinate values, or XY coordinate values and code values which is formed on a surface of a medium, based on a specified algorithm is provided with a case with a read hole for reading the dot pattern provided in the bottom part; a position specification means for specifying a designated position on the medium surface on the outside of the case; a dot pattern reader for reading the dot pattern on the medium surface directly below the read hole; a dot pattern irradiation means for irradiating light for reading the dot pattern on the medium surface; and a controller for calculating the designated position indicated by the position specification means by calculating the XY coordinate value and the orientation of the dot pattern read by the dot pattern reader, and correcting with a predetermined distance and direction.

No. of Pages : 84 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2011

(21) Application No.1036/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : MULTI-ORIFICE EXTRUSION DIE AND METHOD FOR OBTAINING UNIFORM FLOW□

(51) International classification	:A23P 1/12,A21C 11/16	(71) <b>Name of Applicant :</b> <b>1)FRITO-LAY NORTH AMERICA INC.</b> Address of Applicant :7701 Legacy Drive Plano TX 75024-4099 United States of America
(31) Priority Document No	:12/273,355	
(32) Priority Date	:18/11/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2009/064024 :11/11/2009	(72) <b>Name of Inventor :</b> <b>1)KELLER Lewis Conrad</b> <b>2)TATSCH Donald Joe</b>
(87) International Publication No	:WO/2010/059478	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A method for normalizing the exit velocity of multiple extrudate strands from a multiple die extruder and apparatus for producing the same. The invention describes utilizing a die with individual channels, and installing metering assembly on each individual channel. The metering assembly can then be adjusted to independently increase or decrease the velocity of product through an orifice. By independently adjusting individual velocities of extrudate strands, after successive iterations of adjusting, measuring, and readjusting, a plurality of extrudate stands can be produced having substantially uniform velocity. Further the invention can comprise a single extruder or a co-extruder used to make a co-extruded product wherein uniform velocity becomes more desirable.

No. of Pages : 32 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2011

(21) Application No.1042/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : BALANCING A SIGNAL MARGIN OF A RESISTANCE BASED MEMORY CIRCUIT□

(51) International classification	:G11C 11/16,G11C 7/06
(31) Priority Document No	:12/338,297
(32) Priority Date	:18/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/068799 :18/12/2009
(87) International Publication No	:WO/2010/080629
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)JUNG Seong-Ook**

**2)KIM Jisu**

**3)SONG Jee-Hwan**

**4)KANG Seung H.**

**5)YOON Sei Seung**

**6)SANI Mehdi Hamidi**

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(57) Abstract :

A resistance based memory circuit is disclosed. The circuit includes a first transistor load of a data cell and a bit line adapted to detect a first logic state. The bit line is coupled to the first transistor load and coupled to a data cell having a magnetic tunnel junction (MTJ) structure. The bit line is adapted to detect data having a logic one value when the bit line has a first voltage value, and to detect data having a logic zero value when the bit line has a second voltage value. The circuit further includes a second transistor load of a reference cell. The second transistor load is coupled to the first transistor load, and the second transistor load has an associated reference voltage value. A characteristic of the first transistor load, such as transistor width, is adjustable to modify the first voltage value and the second voltage value without substantially changing the reference voltage value.

No. of Pages : 41 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2011

(21) Application No.1048/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : RADIO TRANSMITTING/RECEIVING APPARATUS AND METHOD, TERMINAL APPARATUS, BASE STATION APPARATUS AND WIRELESS COMMUNICATION SYSTEM□

(51) International classification	:H04W 36/04	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2008-279389	<b>1)PANASONIC CORPORATION</b>
(32) Priority Date	:30/10/2008	Address of Applicant :1006 Oaza Kadoma Kadoma-shi
(33) Name of priority country	:Japan	Osaka 571-8501 Japan
(86) International Application No	:PCT/JP2009/005447	(72) <b>Name of Inventor :</b>
Filing Date	:19/10/2007	<b>1)ISHIDA Chie</b>
(87) International Publication No	:WO/2010/050140	<b>2)AOYAMA Takahisa</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A terminal apparatus (1), which is a radio transmitting/receiving apparatus, receives a pilot channel signal for use in measuring reception quality and a sync channel signal for use in establishing synchronization from a small-cell base station (home eNB). The terminal apparatus (1), which has stored a white list indicating accessible small cells, determines, based on the white list and the PCIs of CSG cells acquired from a sync channel, whether the CSG cell of a handover destination can be accessed. The terminal apparatus (1) then adds the PCIs and CGIs to a reception quality measurement report and transmits the measurement report to a macro eNB (base station apparatus (2)). In this way, even when a plurality of CSG cells using the same PCI exist in a macro cell, needless signalings can be suppressed, while unnecessary resources can be prevented from being allocated.

No. of Pages : 82 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2011

(21) Application No.1051/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : VALVE FOR UNIVERSAL UTILIZATION AND SEVERAL PURPOSES

(51) International classification	:F16K 15/14
(31) Priority Document No	:P 08 00613
(32) Priority Date	:04/11/2008
(33) Name of priority country	:Hungary
(86) International Application No	:PCT/HU2009/000089
Filing Date	:03/11/2009
(87) International Publication No	:WO/2010/052511
(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)HORVTH Gabor**

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**2)KOVCS Attila**

(72)Name of Inventor :

**1)HORVTH Gabor**

**2)KOVCS Attila**

**3)STORI Gyula**

(57) Abstract :

The subject of the invention is a valve for universal utilization and several purposes allowing by its formation the relatively high flow in the basic state and slightly open state of the valve even in case of small pressure differences in case of low pressure; furthermore the formation of the valve allows to ensure providing functions depending on the direction of flow that in given case can be regulated regarding back-pressure, partial back-pressure, pressure relief, partial relief limiting functions. The valve according to the invention is made in one piece from a soft, flexible material, and it has a full cross-sectional open basic part (2) at one end, and an intermediate part (3) of decreasing cross-section joining the said basic part (2), as well as a flattened part (4) joining the intermediate part (3) in the other end of the valve (1). It is characterized by that, the flattened part (4) is a structure sintered or pressed or glued in the material of the valve (1), and on the flattened part (4) of the valve (1) a pressed rim (7) made by airtight fixing of the edges of the flattened part (4), preferably by sintering, or pressing or glueing is formed, furthermore the length (L) of the intermediate part (3) is  $L = 0,5\dots 6 (K/\pi)$ , compared to perimeter (K) in the basic part of the valve (1), in connection with the medium in motion, and the length (N) of the pressed rim (7) in the basic part of the valve (1) compared to perimeter (K) in connection with the medium in motion is  $N = 0,1\dots 2 (K/\pi)$ .

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2011

(21) Application No.1049/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : POWER FEEDING SYSTEM FOR VEHICLE, ELECTRICALLY POWERED VEHICLE AND POWER FEEDING APPARATUS FOR VEHICLE□

(51) International classification	:B60L 11/18	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TOYOTA JIDOSHA KABUSHIKI KAISHA</b>
(32) Priority Date	:NA	Address of Applicant :1 Toyota-cho Toyota-shi Aichi-ken
(33) Name of priority country	:NA	471-8571 Japan
(86) International Application No	:PCT/JP2008/070276	(72) <b>Name of Inventor :</b>
Filing Date	:07/11/2008	<b>1)Shinji ICHIKAWA</b>
(87) International Publication No	:WO/2010/052785	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An IPA-ECU (410) recognizes the position of a power transmitting unit by image recognition, based on image information from a camera (120) mounted on a vehicle. The IPA-ECU (410) then performs guidance control, according to the result of the image recognition, so as to guide the vehicle to the power transmitting unit (first guidance control). A resonance ECU (460) estimates the distance between the power transmitting unit and a power receiving unit according to a status of feeding from the power transmitting unit to the power receiving unit. When the power transmitting unit reaches a position below the vehicle body, an HV-ECU (470) performs, according to the distance information from the resonance ECU (460), guidance control so that the vehicle performs an alignment between the power transmitting unit and the power receiving unit (second guidance control).

No. of Pages : 47 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.1052/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : USE OF PHARMACEUTICAL COMPOSITIONS IN PREPARING PHARMACEUTICALS FOR TREATING DIABETIC ULCER

(51) International classification	:A61K 36/75	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:200910091355.5	<b>1)XU Rongxiang</b>
(32) Priority Date	:20/08/2009	Address of Applicant :F31 Building A the Spaces
(33) Name of priority country	:China	International Center 8 Dongdaqiao Street Chaoyang District
(86) International Application No	:PCT/CN2010/070263	Beijing 100020 China
Filing Date	:20/01/2010	(72) <b>Name of Inventor :</b>
(87) International Publication No	:WO/2011/020311	<b>1)XU Rongxiang</b>
(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 use of pharmaceutical compositions in preparing pharmaceuticals for treating diabetic ulcer in limb or on body surface, or in preparing medical dressing. The pharmaceutical compositions consist of (A) 3 to 15% by weight of edible beeswax and (B) 85 to 97% by weight of sesame oil extract of Huangqin, Huanglian, Huangbai, earthworm and poppy capsule, based on the total weight of the pharmaceutical compositions. In the sesame oil extract, each of Huangqin, Huanglian, Huangbai, earthworm and poppy capsule is in an amount of 2 to 10% by weight of dry raw material based on the total weight of sesame oil. This invention also relates to a medical dressing for treating diabetic ulcer and corresponding medicine box enclosing the said dressing.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2011

(21) Application No.1050/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SYNTHESIS OF FUCOSYLATED COMPOUNDS

(51) International classification	:C12N 1/21,A23L 1/29
(31) Priority Document No	:08172267.0
(32) Priority Date	:19/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/067531
Filing Date	:18/12/2009
(87) International Publication No	:WO/2010/070104
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)HFNER Eric**

**2)PARKOT Julia**

**3)JENNEWINE Stefan**

(57) Abstract :

A method for making a genetically modified cell having the ability to produce fucosylated compounds comprising the steps of - transforming the cell to express a fucose kinase - transforming the cell to express a fucose-1-phosphate guanylyltransferase - transforming the cell to express a fucosyltransferase.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.1054/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : TRANSMISSION, RECEPTION AND IDENTIFICATION METHODS,SECURITY PROCESSOR AND INFORMATION RECORDING MEDIUM FOR SAID METHODS

(51) International classification	:H04N 5/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:FR 08/07518	<b>1)Viaccess</b>
(32) Priority Date	:25/05/2011	Address of Applicant :Les Collines de l'Arche Tour Operera C
(33) Name of priority country	:France	92057 PARIS La Dfense France
(86) International Application No	:PCT/EP2009/067025	(72) <b>Name of Inventor :</b>
Filing Date	:14/12/2009	<b>1)CHIEZE Quentin</b>
(87) International Publication No	:WO/2010/076163	<b>2)LEPORINI David</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for transmitting an additional datum from a security processor to an external device, in which the transmission of the additional datum is carried out by delaying (98) the beginning of an information frame transmission from the security processor to the external device for a duration depending on the value of said additional datum.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.1059/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : LIQUID CRYSTAL DISPLAY AND METHOD FOR PRODUCING THE SAME□

(51) International classification	:G02F 1/1337
(31) Priority Document No	:2008-303176
(32) Priority Date	:27/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/002931
Filing Date	:25/06/2009
(87) International Publication No	:WO/2010/061490
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

**1)Masanobu MIZUSAKI**

**2)Yohei NAKANISHI**

(57) Abstract :

The liquid crystal display (100) comprises an active matrix substrate (220) having a pixel electrode (224); a counter substrate (240) having a counter electrode (244); a vertical orientation-type liquid crystal layer (260); and orientation-preserving layers (210, 230) disposed between the active matrix substrate (220) and the liquid crystal layer (260), and the counter substrate (240) and the liquid crystal layer (260). The orientation-preserving layers (210, 230) comprise a polymer (poa) obtained by polymerization of a polyfunctional monomer. The active matrix substrate and/or the counter substrate further have orientation films (110, 120) disposed on the liquid crystal layer side, and the orientation films (110, 120) comprise a polyimide (pi) and a polymer (pob) obtained by polymerization of a polyfunctional monomer.

No. of Pages : 109 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2011

(21) Application No.1037/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : A WIND POWER UNIT□

(51) International classification	:F03D 11/00
(31) Priority Document No	:0950021-6
(32) Priority Date	:21/01/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2009/051437
Filing Date	:16/12/2009
(87) International Publication No	:WO/2010/085192
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Sweden

(72)Name of Inventor :

1)MOUSAVI Saed

2)LEDIN Filip

(57) Abstract :

The invention relates to a wind-power unit having a wind turbine with vertical shaft, a supporting pole, a generator and a vertical shaft (4). The shaft (4) is with its upper end connected to the turbine and with its lower end to the generator. According to the invention, between the upper and lower ends, the shaft (4) is supported by at least two axially separated supporting devices (13). Each supporting device (13) has at least three supporting components (15) that abut against the shaft (4) and that are connected to the supporting pole.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.1058/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : WEIGHT COEFFICIENT GENERATION DEVICE, VOICE RECOGNITION DEVICE, NAVIGATION DEVICE, VEHICLE, WEIGHT COEFFICIENT GENERATION METHOD, AND WEIGHT COEFFICIENT GENERATION PROGRAM □

(51) International classification	:G10L 15/10
(31) Priority Document No	:2008-299220
(32) Priority Date	:25/11/2008
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2009/069476 :17/11/2009
(87) International Publication No	:WO/2010/061751
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)Name of Inventor :

1)MIYAZAKI Toshiyuki

(57) Abstract :

Disclosed are a weight coefficient generation device, a voice recognition device, a navigation device, a vehicle, a weight coefficient generation method, and a weight coefficient generation program for the purpose of improving voice recognition ability with respect to place names. An address database (12) has address information data items consisting of country names, city names, street names, and house numbers, and manages the address information, which has a tree structure that indicates hierarchical relationships between place names ranging from the widest region to narrowest region. Each place name stored in the address database (12) is considered a voice recognition candidate, and the weight coefficient calculation unit (11) of a weight coefficient generation device (10) calculates a weight coefficient of the likelihood of the aforementioned recognition candidate based on the number of street names belonging to the lower hierarchical strata of the city name of the aforementioned recognition candidate.

No. of Pages : 49 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2011

(21) Application No.1038/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SUBSTITUTED DIOXOPIPERIDINYL PHTHALIMIDE DERIVATIVES□

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(51) International classification	:A01N 43/40
(31) Priority Document No	:61/114,989
(32) Priority Date	:14/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/006105
Filing Date	:13/11/2009
(87) International Publication No	:WO/2010/056344
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)Roger TUNG**

(57) Abstract :

This invention relates to novel substituted dioxopiperidinyl phthalimide derivatives and pharmaceutically acceptable acid addition salts thereof. The invention also provides compositions comprising a compound of this invention and the use of such compositions in methods of treating diseases and conditions beneficially treated by an immunomodulatory agent.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.1060/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : GEL PREVENTION AGENTS□

(51) International classification	:A01N 25/30
(31) Priority Document No	:61/116,071
(32) Priority Date	:19/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/065320
Filing Date	:17/11/2009
(87) International Publication No	:WO/2010/057886
(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)AKZO NOBEL N.V.

Address of Applicant :Velperweg 76 NL-6824 BM Arnhem  
The Netherlands

(72)Name of Inventor :

1)ZHU Shawn

(57) Abstract :

Gel prevention agents and methods for use with agricultural products include certain alkylamidoamines and their quaternary ammonium counterparts that, when blended with products containing alkoxylated surfactants, the alkylamidoamines and their quaternary counterparts reduce the gel formation tendency of such products.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2011

(21) Application No.1039/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : INCLUSIVE OR EXCLUSIVE RFID TAG INTERROGATION AND QUERY ROUND

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(51) International classification	:G06K 7/00
(31) Priority Document No	:61/121,906
(32) Priority Date	:11/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/067353
Filing Date	:09/12/2009
(87) International Publication No	:WO/2010/068678
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

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(72)**Name of Inventor :**

**1)FARRON DACUS**

(57) Abstract :

Embodiments of the present invention allow for dynamic selection and query of different types of RFID tags into a session. Embodiments of the present invention also allow for dynamic activation of different types of RFID tags. In certain embodiments of the invention, an inclusive operation is performed on the RFID tags and in other embodiments an exclusive operation is performed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.1061/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : HIGH DYNAMIC RANGE IMAGE COMBINING□

(51) International classification	:G06T 5/40,G06T 5/50
(31) Priority Document No	:12/340,474
(32) Priority Date	:19/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/068834 :18/12/2009
(87) International Publication No	:WO/2010/071839
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**

**1)ATANASSOV Kalin M.  
2)VELARDE Ruben M.  
3)LI Hsiang-Tsun  
4)HWANG Hau**

---

(57) Abstract :

Systems and methods of high dynamic range image combining are disclosed. In a particular embodiment, a device includes a global mapping module configured to generate first globally mapped luminance values within a region of an image, a local mapping module configured to generate second locally mapped luminance values within the region of the image, and a combination module configured to determine luminance values within a corresponding region of an output image using a weighted sum of the first globally mapped luminance values and the second locally mapped luminance values. A weight of the weighted sum is at least partially based on a luminance variation within the region of the image.

No. of Pages : 56 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2011

(21) Application No.1047/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD FOR PRE-TREATING PREFORMS AND STRETCH BLOW MOLDING MACHINE FOR PRE-TREATING AND FOR STRETCH BLOW MOLDING OF PREFORMS INTO CONTAINERS□

(51) International classification	:A61L 2/12,A61L 2/22,B29C 49/00
(31) Priority Document No	:10 2008 056 346.3
(32) Priority Date	:07/11/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/062532 :28/09/2009
(87) International Publication No	:WO/2010/052068
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

**1)KRONES AG**

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Neutraubling Deutschland Germany

(72)**Name of Inventor :**

**1)Herr Heinz HUMELE**

(57) Abstract :

The present invention relates to a method for pre-treating preforms (12) made of thermoplastic plastic, before they are shaped into containers by means of a stretch blow molding process and filled with liquid. In said method, the preforms (12) are tempered and sterilized for the subsequent stretch blow molding process. Tempering of the preforms (12) is carried out by means of microwave radiation and by sterilization of the preforms (12) during the pre- treatment.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.1062/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : RADIO COMMUNICATION BASE STATION APPARATUS AND COMMUNICATIO METHOD□

(51) International classification	:H04J 11/00,H04B 7/26	(71) <b>Name of Applicant :</b> <b>1)PANASONIC CORPORATION</b> Address of Applicant :1006 Oaza Kadoma Kadoma-shi Osaka 571-8501 (Japan)
(31) Priority Document No	:2006-012436	
(32) Priority Date	:20/01/2006	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/JP2007/050830	<b>1)Kenichi MIYOSHI</b>
Filing Date	:19/01/2007	<b>2)Akihiko NISHIO</b>
(87) International Publication No	:WO/2007/083762	<b>3)Daichi IMAMURA</b>
(61) Patent of Addition to Application Number	:NA	<b>4)Hidetoshi SUZUKI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:1470/MUMNP/2008	
Filed on	:11/07/2008	

(57) Abstract :

Provided is a base station capable of performing cell search of all mobile stations having different communicable frequency band widths in a scalable band width communication system to which a multi-carrier communication method such as the OFDM method is applied. The base station includes: a modulation unit (102) for modulating SCH data after being encoded; a sub carrier setting unit (105) for setting one of the sub carriers to a sub carrier (SCH sub carrier) constituting the OFDM symbol for SCH data transmission; and an IFFT unit (106) for mapping the SCH data to the sub carrier set by the sub carrier setting unit (105) among the sub carriers and performing IFFT to generate an OFDM symbol. The sub carrier setting unit (105) sets one of the sub carriers which has a frequency of a common multiple between the sub carrier interval and the cell search interval as an SCH sub carrier.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.1063/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SYSTEM AND METHOD TO ESTIMATE AUTOEXPOSURE CONTROL AND AUTO WHITE BALANCE

(51) International classification	:H04N 5/235
(31) Priority Document No	:12/340,046
(32) Priority Date	:19/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/066484 :03/12/2009
(87) International Publication No	:WO/2010/080250
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**

**1)VELARDE Ruben M.**

**2)ATANASSOV Kalin M.**

**3)HUNG Szepo R.**

---

(57) Abstract :

In a particular embodiment, a method is disclosed that includes determining at least one ambient exposure parameter using an ambient illumination, the at least one ambient exposure parameter including a first sensitivity parameter of an autoexposure controller using the ambient illumination. The method includes determining at least one low illumination parameter using a first lamp level, the at least one low illumination parameter including a second sensitivity parameter of the autoexposure controller using the first lamp level, where the autoexposure controller is configured to operate according to at least one high illumination parameter based on the at least one ambient exposure parameter and the at least one low illumination parameter. The method further includes performing an image capture operation using a second lamp level that is brighter than the first lamp level, where the at least one high illumination parameter includes a third sensitivity parameter.

No. of Pages : 46 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.1064/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : GENERATION OF ANNOTATION TAGS BASED ON MULTIMODAL METADATA AND STRUCTURED SEMANTIC DESCRIPTORS□

(51) International classification	:G06F 17/24	(71) <b>Name of Applicant :</b> <b>1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)</b> Address of Applicant :SE-164 83 Stockholm Sweden
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/SE2009/050060	
Filing Date	:21/01/2009	
(87) International Publication No	:WO/2010/085186	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one embodiment, a method of generating annotation tags (28) for a digital image (22) includes maintaining a library (16) of human-meaningful words or phrases organized as category entries (72) according to a number of defined image description categories (70), and receiving context metadata (20) associated with the capture of a given digital image (22). The method further includes selecting particular category entries (72-1, 72-2) as vocabulary metadata (24) for the digital image (22) by mapping the context metadata (20) into the library (16), and generating annotation tags (28) for the digital image (22) by logically combining the vocabulary metadata (24) according to a defined set of deductive logic rules (30) that are predicated on the defined image description categories (70). In another embodiment, a processing apparatus (12), such as a digital processor (18, 26) and supporting memory (14), etc., is configured to carry out the above method, or to carry out variations of the above method.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1073/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD AND APPARATUS FOR STATISTICAL MULTIPLEXING□

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(51) International classification	:H04N 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2008/066169
Filing Date	:25/11/2008
(87) International Publication No	:WO/2010/060463
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

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Address of Applicant :S-16483 Stockholm Sweden

(72)Name of Inventor :

1)JONES Anthony Richard

2)BOCK Alois Martin

(57) Abstract :

There is provided a method of statistically multiplexing a plurality of input video data streams into at least one output data stream having a pre-determined capacity, comprising providing a plurality of bit rate estimates at different quality levels for each input video data stream using a look-ahead encoder, summing together the bit rate estimates of the same quality level for all input video data streams, determining the picture quality of each input video data stream at which the summed bit rate estimates is equal to or less than the output data stream pre-determined capacity. There is also provided an apparatus and system for carrying out the method, and a computer readable product carrying instructions which when executed carry out the method.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1070/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : FLOATABLE DRY DOCKS□

(51) International classification	:B63C 1/06,B63C 1/02	(71) <b>Name of Applicant :</b> <b>1)WELCOME INN INVESTMENTS N.V.</b> Address of Applicant :Kaya Alonso de Odeja 13a Curacao Netherlands Antilles Netherlands
(31) Priority Document No	:0821086.6	
(32) Priority Date	:18/11/2008	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB2009/002681	(72) <b>Name of Inventor :</b>
Filing Date	:17/11/2009	<b>1)THOM Donald Scot</b>
(87) International Publication No	:WO/2010/058156	<b>2)BAYLEY Richard Peter</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a floating dock comprising a submersible platform (11) comprising at least one buoyancy tank (17) wherein the buoyancy tank has a plurality of compartments (19) each of which has a permanently open vent (23) through which water is freely flowable into and out of the compartment and an inlet (21) which enables air to be expelled from the compartment into the atmosphere or enables compressed air to be supplied to the compartment (19) via a non return valve (B) which causes water within the tank to be forced out via the vent, thereby increasing the buoyancy of the tank. The vent does not have any valves associated with it and is permanently open to the sea. As a result the floating dry dock of the present invention may be lowered and raised faster than conventional dry docks which rely on valved vents to control entry and exit of water into and out of their buoyancy tanks.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1071/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : IMAGE PROCESSING METHOD AND SYSTEM OF SKIN COLOR ENHANCEMENT□

(51) International classification	:H04N 1/62
(31) Priority Document No	:12/340,580
(32) Priority Date	:19/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/066486
Filing Date	:03/12/2009
(87) International Publication No	:WO/2010/071738
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**

**1)HUNG Szepo R.**

**2)JIANG Xiaoyun**

**3)LI Hsiang-Tsun**

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(57) Abstract :

Image processing methods and systems are disclosed. In a particular embodiment, a method is disclosed that includes receiving image data. The image data includes color component data representing a location of a pixel in a color space. The method further includes performing a linear transformation of the location of the pixel in the color space when the location is identified as within a skin color region of the color space. The linear transformation is performed by mapping the location of the pixel at a first portion of the skin color region to a second portion of the skin color region based on a position of the pixel within the skin color region and based on the proximity of the position of the pixel to a boundary of the skin color region. The color space remains substantially continuous at the boundary of the skin color region after applying the linear transformation.

No. of Pages : 46 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1078/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SYSTEM AND METHOD OF SWITCHING FROM STREAMING CONTENT TO LOCAL  
CONTENT

(51) International classification	:H04L 29/06
(31) Priority Document No	:12/344,567
(32) Priority Date	:28/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/065917
Filing Date	:25/11/2009
(87) International Publication No	:WO/2010/074880
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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**(72)Name of Inventor :**

**1)YAMAKAWA Devender**

**2)KEATING Virginia Walker**

**3)PARK Jee**

---

**(57) Abstract :**

A method of receiving streaming music at a wireless device is provided. The method includes receiving a music stream from a server, emitting music from the music stream, and playing a locally stored song, when a network interruption is detected. The method may further include accessing a playlist and determining whether the playlist includes at least one of a user favorite song, a same artist song, or a same genre song. Moreover, the method may also include determining that a network connection is re-established, finishing playback of the locally stored song, receiving another music stream from the server, and emitting music from the other music stream.

No. of Pages : 30 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1074/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SYSTEM AND METHOD TO SELECTIVELY COMBINE IMAGES□

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(51) International classification	:G06T 5/50
(31) Priority Document No	:12/340,522
(32) Priority Date	:19/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/068842
Filing Date	:18/12/2009
(87) International Publication No	:WO/2010/071841
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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**1)ATANASSOV Kalin M.**

**2)LI Hsiang-Tsun**

**3)HWANG Hau**

(57) Abstract :

Systems and methods to selectively combine images are disclosed. In a particular embodiment, an apparatus includes a registration circuit configured to generate a set of motion vector data based on first image data corresponding to a first image and second image data corresponding to a second image. The apparatus includes a combination circuit to selectively combine the first image data and adjusted second image data that corresponds to the second image data adjusted according to the motion vector data. The apparatus further includes a control circuit to control the combination circuit to generate third image data.

No. of Pages : 51 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1072/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SECURE NODE IDENTIFIER ASSIGNMENT IN A DISTRIBUTED HASH TABLE FOR PEER-TO-PEER NETWORKS□

(51) International classification	:H04L 29/06
(31) Priority Document No	:12/342,021
(32) Priority Date	:22/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069113
Filing Date	:22/12/2009
(87) International Publication No	:WO/2010/075338
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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**2)NARAYANAN Vidya**

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**5)SUBRAMANIAN Ramachandran**

**6)DONDETI Lakshminath Reddy**

---

**(57) Abstract :**

A multi-party commitment method is provided whereby a joining node uses contributions provided by contributor nodes in a peer-to-peer overlay network to generate a node identifier. The joining node generates a first contribution and sends a join request to an introducer node (or a plurality of contributor nodes), where the join request seeks to obtain one or more contributions for generating the node identifier within an identifier space of the overlay network. A hash of the first contribution may be included as part of the join request. In response, the joining node may receive a plurality of contributions, wherein the contributions are bound to each other and the first contribution by a prior external multi-node commitment operation. The joining node can then generate its node identifier as a function of the first contribution and the received contributions. Consequently, collusion between nodes and malicious manipulation during ID generation can be frustrated.

No. of Pages : 73 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1079/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : THE FIVE CRYSTAL FORMS OF THE NICOUSAMIDE, THE PREPARATION METHODS, THE PHARMACEUTICAL COMPOSITIONS AND THE USES THEREOF

(51) International classification	:C07D 311/16
(31) Priority Document No	:200810227626.0
(32) Priority Date	:28/11/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/075196
Filing Date	:28/11/2009
(87) International Publication No	:WO/2010/060387
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

**(71)Name of Applicant :**

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**(72)Name of Inventor :**

- 1)LV Yang**
- 2)CHEN Xiaoguang**
- 3)XIE Ping**
- 4)ZHANG Li**
- 5)WANG Cheng**

**(57) Abstract :**

This invention makes public that the five crystal forms of XLF-III-43 can be used as crude drugs, refers to the preparing methods of the five crystal forms of XLF-III-43 as crude drugs, refers to applying the sterling of the five crystal forms of XLF-III-43 and mixed crystals with different proportions as medicine active components to develop all kinds of medicines and compound medicines. In addition, this invention also refers to applying the crystal samples of XLF-III-43 as crude drugs to treat kidney dysfunction, cardiocerebral vessel diseases, hypertension, type II diabetic mellitus, complications of hypertension and diabetic mellitus, tumor, precancerosis, edema, and bring therapeutic effects by enhancing blood drug levels resulted from effects of crystal forms in the processes of treating all kinds of diseases.

No. of Pages : 90 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1075/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD AND APPARATUS FOR PRESSURE MEASUREMENT USING MAGNETIC PROPERTY

(51) International classification	:G01L 9/16,G01L 13/06
(31) Priority Document No	:12/327,057
(32) Priority Date	:03/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/064712 :17/11/2009
(87) International Publication No	:WO/2010/065284
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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Address of Applicant :12001 Technology Drive Eden Prairie Minnesota 55344 United States of America

(72)Name of Inventor :

1)WILLCOX Charles R.

(57) Abstract :

A pressure sensor (56) includes a sensor body (93) which is arranged to couple to a process pressure. The sensor body (93) has a magnetic property which changes as a function of pressure applied by a process fluid. A sensor (98) is coupled to the sensor body (93) and is configured to measure pressure of fluid in the sensor body (93) as a function of a change of magnetic property of the sensor body (93).

No. of Pages : 32 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/05/2011

(21) Application No.1083/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : APPARATUS AND PROCESS FOR PERFORMING OPTICAL READINGS ON PACKAGED TEXTILEMATERIAL SUBJECTED TO DYEING

(51) International classification	:D06B 23/10	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:FI2009A000062	1)TECNORAMA S.r.l.
(32) Priority Date	:27/03/2009	Address of Applicant :Via Onorio Vannucchi 15 1/2/3 I-59100 Prato Italy
(33) Name of priority country	:Italy	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/IT2010/000100	1)SCATIZZI Mario
Filing Date	:10/03/2010	
(87) International Publication No	:WO/2010/109507	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatus for performing optical readings on yarn spools subjected to dyeing in a dyeing tank or machine (1) in which a spool (6) provided with a pierced axial shaft (6A) is placed with the said shaft on the outlet of a feedpipe (IM) of a circuit that feeds a dyeing bath in the same tank or machine (1), so that the dyeing bath enters the dyeing tank or machine (1) passing by the feedpipe (IM) through the shaft (6A) and is subsequently collected through collecting conduit (IR) of the same feeding circuit. The apparatus comprises optical detection means connected with electronic processing means and the said optical detection means comprise a detector (9) with an optical window (92) located inside the dyeing tank or machine (1), a base of the spool (6) being cyclically put in contact with said optical window (92), periodically, the said spool being moved towards the optical window (92) by means of an actuator (7) which, cyclically, moves the said shaft (6A) the said base of the spool (6) towards a part (2) of the dyeing tank or machine (1) where the said optical window (92) is located.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1076/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : FINANCIAL GADGETS□

(51) International classification	:G06Q 20/00
(31) Priority Document No	:61/117,868
(32) Priority Date	:25/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/065738
Filing Date	:24/11/2009
(87) International Publication No	:WO/2010/068447
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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**3)HAZLEHURST Peter**

**4)SARKAR Suman**

(57) Abstract :

Methods, computer program products, and systems, related to providing financial gadgets to users. In one implementation, a method includes receiving gadgets and receiving a notification that one or more gadgets has been certified. A web page with an interface through which users can select gadgets is generated and provided to a user computer. A user selects a gadget, and the selected gadget is run, including providing the user-specific financial information to the gadget. Content based on the output of the gadget is provided to the user. User-specific financial information can be collected, and modified by the gadget. A notification can be received that a financial institution has authorized one or more of the certified gadgets and the web page can only allow users to select authorized gadgets.

No. of Pages : 70 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/05/2011

(21) Application No.1088/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : A BREATHABLE INSULATION MATERIAL, DEVICE AND METHODS□

(51) International classification	:G06F 7/00
(31) Priority Document No	:61/193,093
(32) Priority Date	:28/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2009/001002
Filing Date	:27/10/2009
(87) International Publication No	:WO/2010/049927
(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)BONNEH Yael**

Address of Applicant :66 Gilad Street P.O. Box 698 Kokhav  
Yair 44864 Israel.

(72)**Name of Inventor :**

**1)BONNEH Yael**

(57) Abstract :

We disclose a three-ply insulating material which has combined properties of permeability to selected gases and vapors, thermal insulation, and humidity control. The device is built as a composite of three layers. The outer layer is made from breathable non woven composite. This layer is adjacent to and bonded to the middle layer, composed of high loft fibrous material with substantial weight to volume ratio, between about 2 to about 20 kg/m3. This middle layer is adjacent to a third layer of breathable non woven composite. The composite layered structure so designed forms an insulation blanket with thermal resistance of about 0.8m2 °K/W and moisture vapor transmission rate (MVTR) between 50 and 10000 l/m2/hr.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/05/2011

(21) Application No.1089/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD AND APPARATUS FOR MITIGATING INTERFERENCE IN A WIRELESS COMMUNICATION SYSTEM□

(51) International classification	:H04W 16/02	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:60/652,518	<b>1)QUALCOMM INCORPORATED</b>
(32) Priority Date	:11/02/2005	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714
(86) International Application No	:PCT/US2006/005189	United States of America
Filing Date	:13/02/2007	(72) <b>Name of Inventor :</b>
(87) International Publication No	:WO/2006/086788	<b>1)DAMNJANOVIC Jelena</b>
(61) Patent of Addition to Application Number	:NA	<b>2)MALLADI Durga Prasad</b>
Filing Date	:NA	
(62) Divisional to Application Number	:1305/MUMNP/2007	
Filed on	:30/08/2007	

(57) Abstract :

Techniques to mitigate inter-cell interference using joint time and frequency division are described. A frequency band is divided into multiple non-overlapping frequency subbands. The transmission timeline is divided into Tin and Tout time intervals. Data is exchanged with users in at least one inner region of a cell on the entire frequency band in the Tin time intervals. Data is exchanged with users in multiple outer regions of the cell on the multiple frequency subbands in the Tout time intervals. The frequency band may be partitioned into three frequency subbands. Data may then be exchanged with users in first, second and third outer regions on first, second and third frequency subbands, respectively. The regions in which the users are located may be determined based on pilot and/or other measurements.

No. of Pages : 31 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2011

(21) Application No.1077/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : MOBILE COMMUNICATION DEVICE□

(51) International classification	:G06F 9/445
(31) Priority Document No	:0820427.3
(32) Priority Date	:07/11/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002631
Filing Date	:06/11/2009
(87) International Publication No	:WO/2010/052477
(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)INQ ENTERPRISES LIMITED**

Address of Applicant :Offshore Group Chambers PO Box CB-12751 Nassau New Providence Bahamas

(72)**Name of Inventor :**

**1)JOHNSTONE Ken**

**2)EDMONDS Gavin**

**3)DAVIES Simon**

**4)VITOLO Gaetano**

**5)ZINCOLA Andrea**

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(57) Abstract :

A mobile communication device, a mobile communication method and an application manager are provided that can coordinate integration of the functionality of a new application relating to a communication service such a social networking communication service into pre-installed user interface application on the communication device. A mobile communication device is also provided that can update image data such as an avatar relating to a contact in a contact list based on the image data provided by a communication service. A mobile communication device is also provided that can determine whether the device is in a particular network and determine whether the device can access data relating to a service depending on whether the network is in a predetermined category.

No. of Pages : 42 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/05/2011

(21) Application No.1080/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : ISOLATED POLYNUCLEOTIDES POLYPEPTIDES AND METHODS OF USING SAME FOR INCREASING PLANT YIELD, BIOMASS, GROWTH RATE, VIGOR, OIL CONTENT, ABIOTIC STRESS TOLERANCE OF PLANTS AND NITROGEN USE EFFICIENCY

(51) International classification	:C12Q 1/68,C07H 21/04	(71) <b>Name of Applicant :</b> <b>1)EVOGENE LTD.</b> Address of Applicant :13 GAD FINSTEIN STREET, 76121 RECHOVOT, Israel.
(31) Priority Document No	:	(72) <b>Name of Inventor :</b>
(32) Priority Date	: -	<b>1)EMMANUEL EYAL</b>
(33) Name of priority country	:	<b>2)GRANEVITZE ZUR</b>
(86) International Application No	:PCT/IB2009/054774	<b>3)DIBER ALEX</b>
Filing Date	:28/10/2009	<b>4)VINOCUR BASIA JUDITH</b>
(87) International Publication No	:WO/2010/049897	<b>5)AYAL SHARON</b>
(61) Patent of Addition to Application Number	:NA	<b>6)HERSCHKOVITZ YOAV</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are methods of increasing yield, biomass, growth rate, vigor, oil content, abiotic stress tolerance and/or nitrogen use efficiency of a plant by expressing within the plant an exogenous polynucleotide comprising a nucleic acid sequence at least 80 % identical to SEQ ID NO: 905, 882, 1-12, 15-105, 203-297, 299-523, 845-881, 883-904, 906-925 or 933; or an exogenous polynucleotide encoding a polypeptide at least 80 % identical to SEQ ID NO: 172, 146, 106-117, 120-145, 147-171, 173-202, 524-616, 621-844, 926-931 or 932. Also provided isolated polynucleotide comprising a nucleic acid sequence selected from the group consisting of SEQ ID NOs:905, 882, 1-13, 15-105, 203-523, 845-881, 883-904, 906-925 and 933, which can be used to increase yield, biomass, growth rate, vigor, oil content, abiotic stress tolerance and/or nitrogen use efficiency of a plant.

No. of Pages : 1253 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/05/2011

(21) Application No.1090/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : OATMEAL CEREAL PRODUCT MADE FROM SMALL OAT GROATS AND FINES□

(51) International classification	:A23L 1/164
(31) Priority Document No	:61/139,055
(32) Priority Date	:19/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/068521
Filing Date	:17/12/2009
(87) International Publication No	:WO/2010/080513
(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)THE QUAKER OATS COMPANY**

Address of Applicant :555 West Monroe Street Chicago  
Illinois 60661 United States of America

(72)**Name of Inventor :**

**1)HANSA Jim**

**2)GRIEBAT Joe**

**3)KESSLER Jerome**

(57) Abstract :

Small oat groats and fines are used in quick hydration cooked and cold cereal products.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.1109/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : POST-DEPLOYMENT CALIBRATION FOR WIRELESS POSITION DETERMINATION□

(51) International classification	:G01S 5/02
(31) Priority Document No	:61/139,928
(32) Priority Date	:22/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069167
Filing Date	:22/12/2009
(87) International Publication No	:WO/2010/075369
(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 92121-1714

United States of America

(72)**Name of Inventor :**

**1)NAGUIB Ayman Fawzy**

**2)AGGARWAL Alok**

**3)GUO Jin**

(57) Abstract :

Methods and apparatuses are directed to calibrating a misconfigured wireless access point. One method may include receiving a position of mobile station(s) and wireless signal model measurements derived from packets exchanged between the mobile station(s) and a plurality of wireless access points, receiving positions and/or identities of the plurality of wireless access points used in determining the position of the mobile station(s), comparing a position of the mobile station(s) with wireless signal model measurements, and identifying a misconfigured wireless access point based upon the comparing. Another method may include receiving positions associated with a plurality of wireless access points, determining a position of a mobile station based upon a wireless signal model, comparing the position of the mobile station and the wireless signal model with the positions associated with the plurality of wireless access points, and determining whether at least one wireless access point is misconfigured.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/05/2011

(21) Application No.1095/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : MULTIPLE-JUNCTION PHOTOELECTRIC DEVICE AND ITS PRODUCTION PROCESS□

(51) International classification	:H01L 31/0236
(31) Priority Document No	:08169423.4
(32) Priority Date	:19/11/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/065357
Filing Date	:18/11/2009
(87) International Publication No	:WO/2010/057901
(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)UNIVERSIT% DE NEUCH,TEL**

Address of Applicant :Fauborg du Lac 5a CH-2000 Neuchtel Switzerland

(72)**Name of Inventor :**

**1)S-DERSTR-M Thomas**

**2)HAUG Franz-Joseph**

**3)NIQUILLE Xavier**

---

(57) Abstract :

The present invention relates to a multiple-junction photovoltaic device (1) comprising a substrate (2) on which a first conducting layer (3) is deposited, at least two elementary photovoltaic devices (4, 6) of n-i-p or n-p configuration, on which a second conducting layer (7) is deposited, and at least one intermediate layer (5) provided between two adjacent elementary photovoltaic devices (4, 6). According to the invention the intermediate layer (5) has, on the incoming light side, a top face (10) and, on the other side, a bottom face (11), said bottom face (11) having a peak to valley roughness greater than 150 nm, and said top (10) and bottom (11) faces having respectively a surface morphology comprising inclined elementary surfaces such that  $\alpha_{90\text{bottom}}$  is smaller than  $\alpha_{90\text{top}}$  by at least 3°, preferably 6°, more preferably 10°, and even more preferably 15°; where  $\alpha_{90\text{top}}$  is the angle for which 90% of the elementary surfaces of the top face (10) of the intermediate layer (5) have an inclination equal to or less than this angle, and  $\alpha_{90\text{bottom}}$  is the angle for which 90% of the elementary surfaces of the surface of the bottom face (11) of the intermediate layer (5) have an inclination equal to or less than this angle.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2011

(21) Application No.1101/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : NOVEL TRICYCLIC DERIVATIVE OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF, PREPARATION METHOD THEREOF, AND PHARMACEUTICALS COMPOSITION CONTAINING THE SAME

(51) International classification	:C07D 487/04	(71) <b>Name of Applicant :</b> <b>1)JE IL PHARMACEUTICAL CO. LTD</b> Address of Applicant :745-5 Banpo-dong Seocho-gu Seoul 137-040 Republic of Korea
(31) Priority Document No	:10-2008-0111808	(72) <b>Name of Inventor :</b>
(32) Priority Date	:11/11/2008	<b>1)KIM Myung-Hwa</b>
(33) Name of priority country	:Republic of Korea	<b>2)KIM Seung-Hyun</b>
(86) International Application No	:PCT/KR2009/006618	<b>3)KU Sae-Kwang</b>
Filing Date	:11/11/2009	<b>4)PARK Chun-Ho</b>
(87) International Publication No	:WO/2010/056038	<b>5)JOE Bo-Young</b>
(61) Patent of Addition to Application Number	:NA	<b>6)CHUN Kwang-Woo</b>
Filing Date	:NA	<b>7)YE In-Hae</b>
(62) Divisional to Application Number	:NA	<b>8)CHOI Jong-Hee</b>
Filing Date	:NA	<b>9)RYU Dong-Kyu</b>
		<b>10)PARK Ji-Seon</b>
		<b>11)LEE Han-Chang</b>
		<b>12)CHOI Ji-So</b>
		<b>13)KIM Young-Chul</b>

(57) Abstract :

The present invention relates to a novel tricyclic derivative with efficient inhibitory activity against poly(ADP-ribose)polymerases (PARP) or pharmaceutically acceptable salts thereof, a preparation method thereof, and a pharmaceutical composition containing the same. The tricyclic derivative of the invention is useful for the prevention or treatment of diseases caused by excess PARP activity, especially neuropathic pain, neurodegenerative diseases, cardiovascular diseases, diabetic nephropathy, inflammatory diseases, osteoporosis, and cancer, by inhibiting the activity of poly(ADP-ribose)polymerases.

No. of Pages : 211 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/05/2011

(21) Application No.1096/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : FLEXOGRAPHIC PRINTING PROCESS WITH WET ON WET CAPABILITY

(51) International classification	:B41M 1/04,C09D 11/10	(71) <b>Name of Applicant :</b> <b>1)TECHNOSOLUTIONS ASSESSORIA LTDA</b> Address of Applicant :Alameda Mamore 535 - Sala 410 - 4º Andar - Sub 02 Alphaville Industrial 06454-040 Barueri - SP Brazil
(31) Priority Document No	:PCT/BR2008/000399	
(32) Priority Date	:22/12/2008	
(33) Name of priority country	:Brazil	
(86) International Application No Filing Date	:PCT/BR2009/000416 :22/12/2009	(72) <b>Name of Inventor :</b> <b>1)Baptista Valter Marques</b> <b>2)Paduan Wilson Andrade</b>
(87) International Publication No	:WO/2010/071952	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention refers to a flexographic printing process with wet on wet capability based on controlled polymer or polymer segment precipitation that leads to gel formation of ink compounds by controlling the solubility parameter of the ink system. The mechanism to obtain a desirable wet on wet color trapping is the formation and/or presence of a gel in the applied ink film due to a controlled physicochemical mechanism of resin precipitation. This is accomplished either by controlling a change in the Hansen Solubility Parameter of the liquid in the ink through evaporation of some or all of a non-reactive and volatile solvent, or alternatively by use of a polymer comprised of two distinct and separate segments one of which is soluble in the monomer/oligomer mix and the other of which is not. The insoluble segments form a reversible gel that is broken to a liquid by shear in the application process, allowing application of a liquid ink, and is reestablished in the applied ink film in such a manner and with such strength as to allow overprinting in the wet on wet flexographic printing process.

No. of Pages : 56 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.1111/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING NETWORK COMMUNICATION ASSOCIATION INFORMATION TO APPLICATIONS AND SERVICES□

(51) International classification	:H04L 29/06
(31) Priority Document No	:12/343,988
(32) Priority Date	:24/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069119
Filing Date	:22/12/2009
(87) International Publication No	:WO/2010/075339
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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United States of America

(72)**Name of Inventor :**

**1)NARAYANAN Vidya**

**2)DONDETI Lakshminath Reddy**

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(57) Abstract :

A system and method are provided that allow an application on a first terminal to inquire about available network communication associations that it can use to send data to another terminal, thereby avoiding the establishment of a new network communication association with the other terminal. A security information module may serve to collect and/or store information about available network communication associations between the first terminal and another terminal across different layers. The security information module may also assess a trust level for the network communication associations based on security mechanisms used to establish each association and/or past experience information reported for these network communication associations. Upon receiving a request for available network communication associations, the security information module provides this to the requesting application which can use it to establish communications with a corresponding application on the other terminal.

No. of Pages : 39 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2011

(21) Application No.1098/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : NOVEL CC-1065 ANALOGS AND THEIR CONJUGATES□

(51) International classification	:C07D 403/06	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/110,765	<b>1)SYNTARGA B.V.</b>
(32) Priority Date	:03/11/2008	Address of Applicant :Toernooiveld 1 NL-6525 ED Nijmegen The Netherlands
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/NL2009/050660	<b>1)BEUSKER Patrick Henry</b>
Filing Date	:03/11/2008	<b>2)COUMANS Rudy Gerardus Elisabeth</b>
(87) International Publication No	:WO/2010/062171	<b>3)ELGERSMA Ronald Christiaan</b>
(61) Patent of Addition to Application Number	:NA	<b>4)MENGE Wiro Michael Petrus Bernardus</b>
Filing Date	:NA	<b>5)JOOSTEN Johannes Albertus Frederikus</b>
(62) Divisional to Application Number	:NA	<b>6)SPIJKER Henri Johannes</b>
Filing Date	:NA	<b>7)DE GROOT Franciscus Marinus Hendrikus</b>

(57) Abstract :

This invention relates to novel analogs of the DNA-alkylating agent CC-1065 and to their conjugates. Furthermore this invention concerns intermediates for the preparation of said agents and conjugates. The conjugates are designed to release their (multiple) payload after one or more activation steps and/or at a rate and time span controlled by the conjugate in order to selectively deliver and/or controllably release one or more of said DNA alkylating agents. The agents, conjugates, and intermediates can be used to treat an illness that is characterized by undesired (cell) proliferation. As an example, the agents and the conjugates of this invention may be used to treat a tumor.

No. of Pages : 181 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.1112/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : MAGNETIC ORIENTING AND PRINTING □

(51) International classification	:B41F 15/08	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:PCT/IB2008/003406	<b>1)SICPA HOLDING SA</b> Address of Applicant :Avenue de Florissant 41 CH-1008 Prilly Switzerland
(32) Priority Date	:10/12/2008	<b>2)CHINA BANKNOTE SICPA SECURITY INK CO. LTD.</b>
(33) Name of priority country	:Argentina	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/EP2009/066826	<b>1)LI Xiang</b> <b>2)DESPLAND Claude-Alain</b> <b>3)MLLER Edgar</b> <b>4)DEGOTT Pierre</b> <b>5)BLEIKOLM Anton</b> <b>6)SUDAN Alexandre</b>
Filing Date	:10/12/2009	
(87) International Publication No	:WO/2010/066838	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a device and a process for producing indicia comprising magnetically oriented magnetic or magnetizable particles in an ink or coating composition on a sheet (5) of substrate material. The device comprises a flat-bed screen-printing unit having a flat printing screen (2) and a printing platen (1) for receiving said sheet (5), the printing platen (1) having an upper surface facing the printing screen and a first direction along its upper surface along which said sheet (5) is unloadable, and a magnetic orienting unit comprising multiple magnet assemblies (6). The magnetic orienting unit is disposed below the upper surface of the printing platen (1), said multiple magnet assemblies (6) are disposed along said first direction, and all of said magnet assemblies (6) are concomitantly movable from a first position away from the upper surface of the printing platen to a second position close to the upper surface of the printing platen.

No. of Pages : 36 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2011

(21) Application No.1099/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : MANAGING TRANSMISSION PROTOCOLS FOR GROUP COMMUNICATIONS WITHIN A WIRELESS COMMUNICATIONS NETWORK□

(51) International classification	:H04W 4/06,H04W 76/04	(71) <b>Name of Applicant :</b> <b>1)QUALCOMM INCORPORATED</b> Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 United States of America
(31) Priority Document No	:12/338,720	
(32) Priority Date	:18/12/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2009/068809 :18/12/2009	(72) <b>Name of Inventor :</b> <b>1)SONG Bongyong</b>
(87) International Publication No	:WO/2010/080633	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Apparatuses and methods for managing transmission protocols for group communications are disclosed. In an example, an access network receives a forward link packet having a first transmission protocol, the forward link packet associated with a given group communication session. The access network determines whether the first transmission protocol is acceptable. The access network selects a second transmission protocol, if the determining step determines the first transmission protocol is not acceptable. The access network transmits the forward link packet in accordance with the second transmission protocol (e.g., by mapping the packet between transmission protocols at the access network).

No. of Pages : 47 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.1113/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHOD OF PREPARING A WHOLE GRAIN BEVERAGE□

(51) International classification	:A23L 2/38,A23C 9/154	(71) <b>Name of Applicant :</b> <b>1)PEPSICO INC.</b> Address of Applicant :Incorporated in North Carolina of 700 Anderson Hill Road Purchase NY 10577 United States of America
(31) Priority Document No	:12/353,023	
(32) Priority Date	:13/01/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/020757 :12/01/2010	(72) <b>Name of Inventor :</b> <b>1)PEREYRA Ricardo</b> <b>2)MUTILANGI William</b>
(87) International Publication No	:WO/2010/083159	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A method for preparing a whole grain beverage via steam injection is described. More particularly, the method includes the steps of dispersing whole grain flour in a product batch to form a product mixture and subjecting the product mixture to steam injection to obtain a whole grain beverage. The whole grain beverage produced by this method has overall enhanced stability.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.1114/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : ROTATING BLADE AND AIR FOIL WITH STRUCTURE FOR INCREASING FLOW RATE

(51) International classification	:F04D 29/38
(31) Priority Document No	:10-2008-0109618
(32) Priority Date	:06/11/2008
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2009/006530
Filing Date	:06/11/2009
(87) International Publication No	:WO/2010/053317
(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)OH Myung Soo

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(72)Name of Inventor :

1)OH Myung Soo

2)PYO Soo Ho

(57) Abstract :

According to one embodiment of the present invention, a rotating blade, having a collision face that collides with fluid and is rotated by the flow of said fluid, has at least one flow path that has been caved in from said colliding face; said flow path is located forward with respect to said rotation direction so that it is located in the rear with respect to the inlet wherein said flow is introduced and said rotation direction, and it has an outlet from which said fluid exits. Here, the cross-sectional area of said inlet may be greater than the cross-sectional area of said outlet. In addition, the cross-sectional area of said inlet may gradually decrease toward said outlet.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.1115/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : WIRE ELECTRODE FOR ELECTRICAL DISCHARGE CUTTING

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(51) International classification	:B23H 7/08
(31) Priority Document No	:08170563.4
(32) Priority Date	:03/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/008435
Filing Date	:26/11/2009
(87) International Publication No	:WO/2010/063410
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(71)Name of Applicant :

1)BERKENHOFF GMBH

Address of Applicant :Berkenhoffstr. 14 35452 Heuchelheim Germany

(72)Name of Inventor :

1)BAUMANN Ingo

2)N-THE Tobias

(57) Abstract :

The invention relates to a wire electrode (1, 1) for electric discharge cutting processes and a method for the production thereof. The wire electrode (1, 1) has a core (2) containing a metal or a metal alloy, and a coating (3, 4; 3, 4, 5) that surrounds the core (2) and includes one or more coating layers (3, 4, 5), at least one (3) of which contains a phase mixture of -brass and/or -brass and γ-brass. In said at least one coating layer (3) containing -brass and/or -brass and γ-brass, the -phase and/or -phase and the γ-phase are arranged next to each other in a fine-grained structure in which the mean size of the -brass and/or -brass grains and the γ-brass grains amounts to a maximum of 5 µm relative to the cross-section extending perpendicular to the longitudinal axis of the wire electrode (1, 1). In order to produce the wire electrode (1, 1), a wire is used that has a coating layer predominantly containing γ-brass, and a homogenizing step is carried out in which the γ-brass is substantially transformed into a -brass having a minimum zinc concentration of 51 percent by weight at temperatures exceeding 600°C, and the wire (1, 1) is finally cooled, a process during which zones of γ-brass are separated from the supersaturated solid solution of -brass.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.1116/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PROCESS FOR REMOVING BY-PRODUCTS FROM N-VINYLMIDES□

(51) International classification	:C07C 231/24
(31) Priority Document No	:08170175.7
(32) Priority Date	:28/11/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/065038
Filing Date	:12/11/2009
(87) International Publication No	:WO/2010/060801
(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)BASF SE**

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

**1)STAFFEL Wolfgang**

**2)VOGELSANG Regina**

**3)KESSINGER Roland**

**4)TUTTELBERG Lembit**

**5)HEIDA Bernd**

(57) Abstract :

A process for removing by-products from N-vinylamide-rich product mixtures (crude N-vinylamide), characterized in that an extraction of the crude N-vinylamide is performed with an organic solvent as the extractant.

No. of Pages : 12 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.1117/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : INTUMESCENT COMPOSITION□

(51) International classification	:C09D 5/18,C08K 13/02	(71) <b>Name of Applicant :</b> <b>1)AKZO NOBEL COATINGS INTERNATIONAL B.V.</b> Address of Applicant :Velperweg 76 NL-6824 BM Arnhem The Netherlands
(31) Priority Document No	:08168839.2	
(32) Priority Date	:11/11/2008	
(33) Name of priority country	:EPO	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/EP2009/064738	<b>1)WADE Robin John</b>
Filing Date	:06/11/2009	
(87) International Publication No	:WO/2010/054984	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Intumescence composition comprising: A) a binder comprising (i) a resin comprising a polysiloxane chain or a precursor for said chain, (ii) optionally an organic resin, and (iii) at least one type of functional group selected from the group consisting of epoxy, amine, mercaptan, carboxylic acid, acryloyl, isocyanate, alkoxy silyl, and anhydride groups, said functional groups being present as pendant and/or terminal groups on said resin comprising a polysiloxane chain or the precursor for said chain, and/or on the organic resin, provided that if the binder contains alkoxy silyl groups as the only type of said functional groups, these alkoxy silyl groups are present on the organic resin, B) a compound capable of reacting with or catalysing the reaction between the functional groups, and C) a spumific and a char forming adjunct.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.1118/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SEMICONDUCTOR LAYER AND METHOD FOR FORMING SAME□

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(51) International classification	:H01L 29/786
(31) Priority Document No	:2008-297296
(32) Priority Date	:20/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/005824
Filing Date	:02/11/2009
(87) International Publication No	:WO/2010/058528
(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)SHARP KABUSHIKI KAISHA

Address of Applicant :22-22 Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan

(72)Name of Inventor :

1)Hiroaki FURUKAWA

(57) Abstract :

A semiconductor layer (100) includes an upper surface (100o), a lower surface (100u), and a side surface (100s). In the vicinity of the boundary between the side surface (100s) and the upper surface (100o) on the side surface (100s), the tangent (T1) of the boundary is inclined with respect to the normal of the lower surface (100u). At a portion of the side surface (100s) apart from the upper surface (100o) as compared to the vicinity of the boundary, the angle defined by the tangent (T2) of that portion and the plane defined by the lower surface (100u) is greater than the angle defined by the tangent (T1) in the vicinity of the boundary and the plane defined by the lower surface (100u).

No. of Pages : 67 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.1110/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SELF-TUNING OF SIGNAL PATH DELAY IN CIRCUIT EMPLOYING MULTIPLE VOLTAGE DOMAINS

(51) International classification	:G11C 7/08
(31) Priority Document No	:12/336,741
(32) Priority Date	:17/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/067657 :11/12/2009
(87) International Publication No	:WO/2010/077776
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

**(71)Name of Applicant :**

**1)QUALCOMM INCORPORATED**

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5775 Morehouse Drive San Diego California 92121-1714  
United States of America

**(72)Name of Inventor :**

**1)CHAI Chiaming**

**2)LILES Stephen Edward**

---

**(57) Abstract :**

Circuits and methods provided in multiple voltage domains that include self-tuning or timing of a signal path are disclosed. A plurality of paths is provided in the circuit. Each path traverses a portion of the multiple voltage domains, which may include any number or combination of the multiple voltage domains. Each of the paths has a delay responsive to at least one of the plurality of voltage domains. A delay circuit is provided and configured to generate a delay output related to the delay in the plurality of paths. In this manner, the delay output of the delay circuit is self-tuned or adjusted according to the delay in the plurality of paths. This self-tuning may be particularly suited to control the delay of a first signal path relative to a second signal path wherein the delay in the paths can vary with respect to each other during operation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/05/2011

(21) Application No.1092/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : CODING SCHEME SELECTION FOR LOW-BIT-RATE APPLICATIONS□

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(51) International classification	:G10L 19/14
(31) Priority Document No	:12/261,815
(32) Priority Date	:30/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/062559
Filing Date	:29/10/2009
(87) International Publication No	:WO/2010/059374
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)**Name of Applicant :**

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5775 Morehouse Drive San Diego California 92121-1714

United States of America

(72)**Name of Inventor :**

**1)GUPTA Alok Kumar**

**2)KANDHADAI Ananthapadmanabhan A.**

(57) Abstract :

Systems, methods, and apparatus for low-bit-rate coding of transitional speech frames are disclosed.

No. of Pages : 199 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/05/2011

(21) Application No.1093/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : HANDWRITING INPUT/OUTPUT SYSTEM, HANDWRITING INPUT SHEET, INFORMATION INPUT SYSTEM, AND INFORMATION INPUT ASSISTANCE SHEET □

(51) International classification	:G06F 3/042
(31) Priority Document No	:2008-300118
(32) Priority Date	:25/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/006332
Filing Date	:25/11/2009
(87) International Publication No	:WO/2010/061584
(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)YOSHIDA Kenji

Address of Applicant :9-14-2302 Koishikawa 1-Chome  
Bunkyo-ku Tokyo 1120002 Japan

(72)Name of Inventor :

1)YOSHIDA Kenji

(57) Abstract :

Disclosed is a simple and inexpensive handwritten input/output system that allows text and/or diagrams to be input by hand. A simple and inexpensive handwritten input/output system in which an image pickup means picks up and transmits an image of a medium provided with a writing region, using a dot pattern to define coordinate information/code information, the image data of this dot pattern is stored by a dot pattern analysis means, and locus information is found by code analysis; a locus identification means identifies the locus information of the text or diagrams that are traced in the writing region, based on changes in the coordinate information obtained by analysis; text and/or diagrams etc. can be input by handwriting by transmitting the locus information to an information processing means, together with processing instructions based on the identification information obtained by a processing instruction means. Also, a handwritten input system is provided wherein not only text or diagram information but also associated information can be input together.

No. of Pages : 187 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/05/2011

(21) Application No.1094/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : MULTIPLE-JUNCTION PHOTOELECTRIC DEVICE AND ITS PRODUCTION PROCESS□

(51) International classification	:H01L 31/0236
(31) Priority Document No	:08169424.2
(32) Priority Date	:19/11/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/065369
Filing Date	:18/11/2009
(87) International Publication No	:WO/2010/057907
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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Address of Applicant :Fauborg du Lac 5a CH-2000 Neuchtel Switzerland.

(72)**Name of Inventor :**

**1)DOMINE Didier**

**2)CUONY Peter**

**3)BAILAT Julien**

(57) Abstract :

The present invention relates to a multiple-junction photoelectric device (1) comprising a substrate (2) on which a first conducting layer (3) is deposited, at least two elementary photoelectric devices (4, 6) of p-i-n or p-n configuration, on which a second conducting layer (7) is deposited, and at least one intermediate layer (5) provided between two adjacent elementary photoelectric devices (4, 6). According to the invention the intermediate layer (5) has, on the incoming light side, a top face (10) and, on the other side, a bottom face (11), said top (10) and bottom (11) faces having respectively a surface morphology comprising inclined elementary surfaces such that  $\alpha_{90\text{bottom}}$  is smaller than  $\alpha_{90\text{top}}$  by at least  $3^\circ$ , preferably  $6^\circ$ , more preferably  $10^\circ$ , and even more preferably  $15^\circ$ ; where  $\alpha_{90\text{top}}$  is the angle for which 90% of the elementary surfaces of the top face (10) of the intermediate layer (5) have an inclination equal to or less than this angle, and  $\alpha_{90\text{bottom}}$  is the angle for which 90% of the elementary surfaces of the bottom face (11) of the intermediate layer (5) have an inclination equal to or less than this angle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.1120/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : LASER INDUCED VAPOR/PLASMA MEDIATED MEDICAL PROCEDURES AND DEVICE

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(51) International classification	:A61N 5/067
(31) Priority Document No	:61/119,259
(32) Priority Date	:02/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/066421
Filing Date	:02/12/2009
(87) International Publication No	:WO/2010/065645
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

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(72)Name of Inventor :

1)NEUBERGER Wolfgang

2)CECCHETTI Walter

(57) Abstract :

An improved method and device for safe and efficient medical applications is provided. In a preferred embodiment, based on using the inherent benefits of laser diodes (such as efficient power generation from a reliable and compact solid state device), plasmas and high energy vapors are produced for medical applications with power levels and power densities sufficient to treat medical indications and avoid the creation of extensive damage zones. Transmissions means in different configurations are used to achieve a high power density, which is able to initiate plasma and high-energy vapor at the tip. Once a sparkless plasma and high energy vapor bubbles are formed, it is often found that it will also absorb other wavelengths in addition to the one that initiated it. As a consequence, other wavelengths more efficiently generated by diodes or diode pumped lasers may be added into the beam in order to improve treatment efficiency. For example, the 1470 nm wavelength can be used to produce sparkler-less plasma bubbles, together with the 980nm wavelength to produce tissue vaporization and an excellent haemostasis effect. Once plasma and or high-energy vapors are in place, radiation from this zone determine tissue effects. In another embodiment, high peak power pulsed radiation is used. Wavelengths of 1470 nm, 1940 nm, or 1550 nm are preferred. Additionally it can be applied in combination with another wavelength with medium absorption in water such as 980 nm. In another embodiment a concentric double core fiber is used, in which the ignition radiation is guided in near single mode, inner core and the radiation used to maintain and enhance the pulse is guided into the surrounding second outer core.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.1121/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : HYBRID ENGINE SYSTEM

(51) International classification	:B60K 6/00
(31) Priority Document No	:61/201,884
(32) Priority Date	:15/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/067709
Filing Date	:11/12/2009
(87) International Publication No	:WO/2010/077782
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HOFBAUER Peter

(57) Abstract :

A hybrid engine and coupling system for use with a vehicle or other load which employs a motor/generator unit connected through controllable couplers to a kinetic energy storage device and to one or more internal combustion engine modules in a programmed manner. Several embodiments provide varying configurations to satisfy various power and packaging design requirements.

No. of Pages : 62 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.1125/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD FOR DETERMINING THE SPECTRAL AND SPATIAL DISTRIBUTION OF BRAKING PHOTONS, AND RELATED DEVICE

(51) International classification	:G01T 3/00,G01T 1/29	(71) <b>Name of Applicant :</b> <b>1)COMMISSARIAT A LENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES</b> Address of Applicant :25 rue Leblanc Btiment Le Ponant D□ F-750 15 Paris France
(31) Priority Document No	:08/58641	
(32) Priority Date	:16/12/2008	
(33) Name of priority country	:France	
(86) International Application No Filing Date	:PCT/EP2009/067048 :14/12/2009	(72) <b>Name of Inventor :</b> <b>1)LYOUSSI Abdallah</b> <b>2)PAYAN Emmanuel</b> <b>3)MARIANI Alain</b>
(87) International Publication No	:WO/2010/069909	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a method for determining the spectral and spatial distribution of a braking photon flow along at least one direction in space (x, y, z), characterised in that the method comprises measuring the neutrons resulting from the impact of the braking photons (ph) on at least one conversion target (5) which is moved in the direction (x, y, z) in space. The invention can be used for X-rays, medical imaging, tomography, etc.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/06/2011

(21) Application No.1133/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHODS AND COMPOSITIONS FOR DIAGNOSIS AND INJURY AND RENAL FAILURE

(51) International classification	:A01N 59/00
(31) Priority Document No	:61/113,074
(32) Priority Date	:10/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/063906
Filing Date	:10/11/2009
(87) International Publication No	:WO/2010/054389
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)ANDERBERG Joseph**

**2)GRAY Jeff**

**3)McPHERSON Paul**

**4)NAKAMURA Kevin**

---

(57) Abstract :

The present invention relates to methods and compositions for monitoring, diagnosis, prognosis, and determination of treatment regimens in subjects suffering from or suspected of having a renal injury. In particular, the invention relates to using assays that detect one or more markers selected from the group consisting of Clusterin, Heart- type fatty acid binding protein, Hepatocyte growth factor, Interferon gamma, Interleukin- 12 subunit beta, Interleukin-16, Interleukin-2, 72 kDa type IV collagenase, Matrix metalloproteinase-9, Midkine, and Serum amyloid P-component as diagnostic and prognostic biomarkers in renal injuries.

No. of Pages : 206 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.1122/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD AND DEVICE FOR LASER LITHOTRIPSY

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(51) International classification	:A61B 18/26
(31) Priority Document No	:61/119,190
(32) Priority Date	:02/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/066413
Filing Date	:02/12/2009
(87) International Publication No	:WO/2010/065638
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)CECCHETTI Leonardo**

**2)CECCHETTI Walter**

**3)NEUBERGER Wolfgang**

---

(57) Abstract :

A system and method for the destruction/ablation of stones, calculi or other hard substances by means of laser energy is disclosed. As a consequence, several important medical treatments can be performed, especially lithotripsy. The system comprises a diode laser source emitting at least at one wavelength, one or more optical fibers which convey laser radiation to the treatment site and a liquid delivery system used for creating a liquid environment around the stones (calculi). The laser device emits at least one wavelength which is highly absorbed in the surrounding/covering medium, thus causing evaporation and cavitation effects that lead to stone/calculi destruction. Different radiation configurations may be used. In one embodiment continuous radiation is used to create sparkler-less plasma bubbles able to destroy hard substances. In another embodiment high peak power pulsed radiation is used. Wavelengths of 1470 nm, 1940 nm, or 1550 nm are preferred.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.1126/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : A PROCESS FOR PREPARING LOWER HYDROCARBONS FROM GLYCEROL

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(51) International classification	:C07C 1/207
(31) Priority Document No	:61/111,388
(32) Priority Date	:05/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/064517
Filing Date	:03/11/2009
(87) International Publication No	:WO/2010/052208
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

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(72)Name of Inventor :

1)HULTEBERG Christian

2)BRANDIN Jan

(57) Abstract :

The present invention relates to a process of preparing hydrocarbons from oxygenated hydrocarbons by use of at least two catalysts.

No. of Pages : 33 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/06/2011

(21) Application No.1123/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : THIN FILM DEPOSITION VIA A SPATIALLY-COORDINATED AND TIME-SYNCHRONIZED PROCESS

(51) International classification	:H01L 21/205	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/316,417	<b>1)OVSHINSKY INNOVATION LLC</b>
(32) Priority Date	:12/12/2008	Address of Applicant :1050 E. Square Lake Road Bloomfield Hills Michigan 48304 U.S.A
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/US2009/067810	<b>1)OVSHINSKY Stanford</b>
Filing Date	:14/12/2009	
(87) International Publication No	:WO/2010/068941	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A deposition system and process for the formation of thin film materials. In one embodiment, the process includes forming an initial plasma from a first material stream and allowing the plasma to evolve in space and/or time to extinguish species that are detrimental to the quality of the thin film material. After the initial plasma evolves to an optimum state, a second material stream is injected into the deposition chamber to form a composite plasma that contains a distribution of species more conducive to formation of a high quality thin film material. The deposition system includes a deposition chamber having a plurality of delivery points for injecting two or more streams (source materials or carrier gases) into a plasma region. The delivery points are staggered in space to permit an upstream plasma formed from a first material stream deposition source material to evolve before combining a downstream material stream with the plasma. Injection of different material streams is also synchronized in time. The net effect of spatial coordination and time synchronization of material streams is a plasma whose distribution of species is optimized for the deposition of a thin film photovoltaic material at high deposition rates. Delivery devices include nozzles and remote plasma sources.

No. of Pages : 35 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/06/2011

(21) Application No.1134/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : TIOTROPIUM BROMIDE HAVING A LOW DEGREE OF CRYSTALLINITY

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(51) International classification	:C07D 491/08
(31) Priority Document No	:2351/MUM/2008
(32) Priority Date	:04/11/2008
(33) Name of priority country	:India
(86) International Application No	:PCT/GB2009/002575
Filing Date	:29/10/2009
(87) International Publication No	:WO/2010/052450
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(71)Name of Applicant :

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Maharashtra India

(72)Name of Inventor :

**1)KANKAN Rajendra Narayanrao**

**2)RAO Dharmaraj Ramachandra**

**3)GHAGARE Maruti**

(57) Abstract :

The present invention provides tiotropium bromide having a low degree of crystallinity. The present invention also provides a complex of tiotropium bromide and polyvinylpyrrolidone, processes for preparing it and pharmaceutical formulations including it.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/06/2011

(21) Application No.1147/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : FILTRATION APPARATUS AND WATER TREATMENT APPARATUS

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(51) International classification	:B01D 24/00
(31) Priority Document No	:2008-283579
(32) Priority Date	:04/11/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP09/068659
Filing Date	:30/10/2009
(87) International Publication No	:WO/2010/053051
(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)KURITA WATER INDUSTRIES LTD.**

Address of Applicant :4-7, NISHI-SHINJUKU 3-CHOME  
SHINJUKU-KU, TOKYO 1608383 Japan

(72)Name of Inventor :

**1)TADA, KEIJIROU**

**2)IKEDA, HIROYUKI**

**3)OSAWA, MASANOBU**

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(57) Abstract :

The filtration apparatus of the invention includes a filtration member 12 which has a ribbon-like suspended-solid-capturing member for capturing suspended solid present in fed treatment water 1, wherein the filtration member is charged in a filtration tank 11 such that a filtration portion of the filtration tank has a percent void of 50 to 95% during passage of the treatment water.

No. of Pages : 45 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/06/2011

(21) Application No.1127/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METAL LOADED CATALYST AND PREPARATION METHOD THEREOF□

(51) International classification

:B01J 23/38

(31) Priority Document No

:200810227414.2

(32) Priority Date

:26/11/2008

(33) Name of priority country

:China

(86) International Application No

:PCT/CN2009/001332

Filing Date

:26/11/2009

(87) International Publication No

:WO/2010/060281

(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)CHINA PETROLEUM & CHEMICAL CORPORATION**

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**2)BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY CHINA PETROLEUM & CHEMICAL CORPORATION**

(72)Name of Inventor :

**1)DAI WEI**

**2)PENG JING**

**3)YU HAIBO**

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**6)ZHAI MAOLIN**

**7)MAO ZUWANG**

**8)LE YI**

**9)MU WEI**

**10)LIU HAIJIANG**

**11)ZHU YUNXIAN**

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(57) Abstract :

A metal loaded catalyst comprises a support and main active metal components and optional auxiliary active metal components, wherein the main active metal components are elementary substances and obtained by ionizing radiation reducing precursors of main active metal components. The catalyst can be widely used in the catalytic reactions of petrochemistry industry with high activity and selectivity. The catalyst can be used directly without being reduced preliminarily by hydrogen.

No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/06/2011

(21) Application No.1149/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : AN ALUMINUM ALLOY FOR PRESSURE CASTING AND AN ALUMINUM ALLOY CAST MADE OF THE SAME

(51) International classification	:C22C 21/02	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2009-015769	<b>1)DAIKI ALUMINIUM INDUSTRY CO. LTD.</b>
(32) Priority Date	:27/01/2009	Address of Applicant :46 Minami-Kyuhoji 3-chome Yao-shi
(33) Name of priority country	:Japan	Osaka 581-0076 Japan
(86) International Application No	:PCT/JP2009/007294	(72) <b>Name of Inventor :</b>
Filing Date	:25/12/2009	<b>1)OSHIRO Naoto</b>
(87) International Publication No	:WO/2010/086951	<b>2)KAWAI Kiyofumi</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The main subject of the present invention is to provide an aluminum alloy for pressure casting having high yield strength and elongation, anti-soldering, and that can be substituted for ADC10 and ADC12. An aluminum alloy for pressure casting contains 4.0-9.0 wt% Si, 0.50-1.0 wt% Mg, 0.55 wt% or less Fe, 0.30-0.60 wt% Mn, and 0.10-0.25 wt% Cr, and the balance comprising Al and unavoidable impurities. According to the content ratios, it is possible to provide the aluminum alloy for pressure casting, which exhibits superior yield strength and elongation and is less likely to solder.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/06/2011

(21) Application No.1135/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PROCESS FOR RESOLVING ZOPICLONE

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(51) International classification	:C07D 487/04
(31) Priority Document No	:2369/MUM/2008
(32) Priority Date	:07/11/2008
(33) Name of priority country	:India
(86) International Application No	:PCT/GB2009/002628
Filing Date	:06/11/2009
(87) International Publication No	:WO/2010/052475
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

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Address of Applicant :Mumbai Central Mumbai 400 008  
Maharashtra India

(72)Name of Inventor :

**1)RAO Dharmaraj Ramachandra**

**2)KANKAN Rajendra Narayanrao**

**3)GHAGARE Maruti Ganpati**

**4)SAROJ Sunilkumar Parasnath**

(57) Abstract :

The present invention provides a process for the preparation of the dextrorotatory isomer of zopiclone (eszopiclone). The present invention also provides eszopiclone di-p-anisoyl-L-tartrate and eszopiclone diacetyl-L-tartrate, which are useful as intermediates in a process for preparing eszopiclone.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/06/2011

(21) Application No.1128/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : ORIENTATION FILM, LIQUID CRYSTAL DISPLAY HAVING ORIENTATION FILM, AND METHOD FOR FORMING ORIENTATION FILM□

(51) International classification	:G02F 1/1337	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2008-303231	<b>1)SHARP KABUSHIKI KAISHA</b>
(32) Priority Date	:27/11/2008	Address of Applicant :22-22 Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/JP2009/002962	<b>1)Masanobu MIZUSAKI</b>
Filing Date	:26/06/2009	<b>2)NAKANISHI Yohei</b>
(87) International Publication No	:WO/2010/061491	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An alignment film (100) according to the present invention includes: a first alignment layer (102) containing a first polyimide (p1); and a second alignment layer (104) containing a polymerization product (po) resulting from polymerization of a polyfunctional monomer and a second polyimide (p2). The polyfunctional monomer is represented by general formula (1) P1-A1-(Z1-A2)n-P2 (in general formula (1), P1 and P2 each independently of the other are an acrylate, methacrylate, acrylamide, methacrylamide, vinyl, vinyloxy, or epoxy group; A1 and A2 each independently of the other represent a 1,4-phenylene, 1,4-cyclohexane, 2,5-thiophene, or naphthalene-2,6-diyl group; Z1 is a -COO- group, a -OCO- group, a -O- group, a -CONH- group or a single bond, where n is 0, 1, or 2).

No. of Pages : 185 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/06/2011

(21) Application No.1140/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD AND COMPOSITION FOR THE TREATMENT OF A SUBSTRATE

(51) International classification	:C11D 3/00,C11D 11/00	(71) <b>Name of Applicant :</b> <b>1)HINDUSTAN UNILEVER LIMITED</b> Address of Applicant :HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, MUMBAI,400 020, Maharashtra India
(31) Priority Document No	:2622/MUM/2008	
(32) Priority Date	:16/12/2008	
(33) Name of priority country	:India	
(86) International Application No Filing Date	:PCT/EP2009/065859 :25/11/2009	(72) <b>Name of Inventor :</b> <b>1)DAS SOMNATH</b> <b>2)PRAMANIK AMITAVA</b> <b>3)RAMAN SRINIVASA GOPAIAN</b> <b>4)SARKAR ARPITA</b>
(87) International Publication No	:WO/2010/069731	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This invention relates to a method and composition for treatment of a substrate. It particularly relates to a method and composition for treatment of a fabric substrate for imparting repellency of aqueous and oily soils. It is an object of the present invention is to provide a method of treating a substrate to render the substrate more hydrophobic and to provide repellence to both oily and aqueous soils and stains. It has been found that hydrophobicity and stain-resistance can be imparted to a substrate by contacting the substrate with soap and a water-soluble compound of trivalent or tetravalent metal in presence of water under specific range of pH, while the further addition of a quaternary silicone oil imparts oily soil repellence.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/06/2011

(21) Application No.1159/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : 2-(PIPERIDIN-1-YL)-4-AZOLYL-THIAZOLE-5-CARBOXYLIC ACID DERIVATIVES AGAINST BACTERIAL INFECTIONS□

(51) International classification	:C07D 417/14	(71) <b>Name of Applicant :</b> <b>1)ASTRAZENECA AB</b> Address of Applicant :SE-151 85 Sdertlje Sweden
(31) Priority Document No	:61/121,947	
(32) Priority Date	:12/12/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/GB2009/051695	(72) <b>Name of Inventor :</b>
Filing Date	:11/12/2009	<b>1)PEER MOHAMED Shahul Hameed</b>
(87) International Publication No	:WO/2010/067125	<b>2)WATERSON David</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides compounds of formula (I) and their pharmaceutically acceptable salts. The present invention also provides processes for their preparation, pharmaceutical compositions containing them, their use as medicaments and their use in the treatment of bacterial infections.

No. of Pages : 106 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2011

(21) Application No.1161/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : EVALUATION AND SELECTION PROCESS FOR CONSUMER PRODUCTS

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(51) International classification	:A61B 5/103
(31) Priority Document No	:
(32) Priority Date	: -
(33) Name of priority country	:
(86) International Application No	:PCT/EP2009/066322
Filing Date	:03/12/2009
(87) International Publication No	:WO/2010/066633
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)VELTHUIZEN ROBERT PAUL**

**2)JIANG ZHI-XING**

**3)DESSIRIER JEAN-MARC**

**4)COVELL EDWIN RALPH**

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(57) Abstract :

A product evaluation and selection process for consumer products is described. The process includes demonstrating the effectiveness of consumer product on consumer skin by comparing actual images of skin treated with product to images of skin that were artificially transformed. The process also includes the assignment of a symbol associated with a difference in product performance where the symbol may be used to aid consumers in selecting product.

No. of Pages : 12 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/06/2011

(21) Application No.1155/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD AND APPARATUS FOR REPRODUCING CONTENT BY USING METADATA□

(51) International classification	:G06Q 30/00
(31) Priority Document No	:10-2008-0119958
(32) Priority Date	:28/11/2008
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2009/006931
Filing Date	:25/11/2009
(87) International Publication No	:WO/2010/062096
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)YOUN Sun-Hee**

**2)SEO Ju-Hee**

**3)YANG Seung-Ji**

**4)KIM Hwa-Jung**

**5)SHIM Woo-Sung**

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(57) Abstract :

The present invention relates to the encoding and decoding of images based on dynamically determined data-processing units. In the present invention, image data classified into basic blocks is subjected to predetermined group encoding by classifying image data into a group which comprises at least one basic block and a subgroup which comprises at least one basic block and which is comprised in a group. In order to do this, the present invention provides an image-encoding method which entails the determination of an encoding mode for a group showing the system for encoding predetermined group data by means of data-processing units for one or other of the group, subgroup and basic block, and which entails the encoding of group data in accordance with the encoding mode so determined. During the image-encoding process, respective detailed processes are carried out with reference to the group encoding mode.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/06/2011

(21) Application No.1160/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : HYDROGEN GENERATOR AND METHOD FOR OPERATING THE SAME□

(51) International classification	:C01B 3/38
(31) Priority Document No	:2009-139745
(32) Priority Date	:11/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003333
Filing Date	:18/05/2010
(87) International Publication No	:WO/2010/143358
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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**1)NAKAMURA Akinari**

**2)URATA Takayuki**

**3)YASUDA Shigeki**

**4)YUKIMASA Akinori**

---

(57) Abstract :

A hydrogen generator of the present invention includes: a reformer (1) including a reforming catalyst (1A) containing nickel and configured to generate a hydrogen-rich fuel gas by using a raw material and steam; a temperature detector (12) configured to detect a temperature of the reforming catalyst (1A); a purge gas supplying device (7) configured to supply a purge gas to the reformer (1); and a controller (13). When the temperature detected by the temperature detector (12) is a first predetermined temperature or higher, the controller (13) purges the reformer (1) with the purge gas supplied from the purge gas supplying device (7).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/06/2011

(21) Application No.1156/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : APPARATUS AND METHODS FOR PROVIDING AUTHORIZED DEVICE ACCESS□

(51) International classification	:G06F 21/00
(31) Priority Document No	:61/140,969
(32) Priority Date	:28/12/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069126
Filing Date	:22/12/2009
(87) International Publication No	:WO/2010/075343
(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 92121-1714

United States of America

(72)**Name of Inventor :**

**1)HOHLFELD Matthew W.**

**2)LUNDBLADE Laurence G.**

(57) Abstract :

Methods, apparatus, and systems are described for providing an accessor device an access credential to interact with a device resource on an addressee device. An authorization entity having a trust relationship with the addressee device, or a linked subordinate authorization entity, generates the access credential. The access credential includes a modification detection indicator, at least one access privilege, and an accessor public key. The at least one access privilege corresponds to at least one device resource on the addressee device. The authorization entity forwards the access credential to the accessor device, which presents the access credential to the addressee device for authentication. Once authenticated, the addressee device grants access to one or more device resources, and controls requests to insure they are within the scope of the at least one access privilege.

No. of Pages : 83 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/06/2011

(21) Application No.1141/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : LAUNDRY DETERGENT COMPOSITION

(51) International classification	:C11D 1/52,C11D 1/86
(31) Priority Document No	:EP08171904
(32) Priority Date	:17/12/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/067193
Filing Date	:15/12/2009
(87) International Publication No	:WO/2010/069957
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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Address of Applicant :HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, MUMBAI, 400 020, Maharashtra India

(72)**Name of Inventor :**

**1)HOWELL IAN**

**2)MCKEE ANTHONY**

(57) Abstract :

The present invention relates to a laundry composition comprising 0.5 to 20 wt% hydroxamate and 5 to 80 wt% of a surfactant system comprising anionic and nonionic surfactant in a ratio of from 1 :1.1 to 19:1. The composition exhibits enhanced detergency, especially in relation to particulate stains.

No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/06/2011

(21) Application No.1157/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : COMMUNICATION APPARATUS

(51) International classification	:H04B 7/10,H04W 72/04,H04J 11/00	(71) <b>Name of Applicant :</b> <b>1)SUMITOMO ELECTRIC INDUSTRIES, LTD.</b> Address of Applicant :5-33, KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 5410041, Japan
(31) Priority Document No	:2008-286722	(72) <b>Name of Inventor :</b>
(32) Priority Date	:07/11/2008	<b>1)MOCHIDA, EIJI</b>
(33) Name of priority country	:Japan	<b>2)HIRAKAWA, MITSURU</b>
(86) International Application No	:PCT/JP09/068327	
Filing Date	:26/10/2009	
(87) International Publication No	:WO/2010/053019	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A communication apparatus capable of simultaneously receiving signals from a plurality of users by an SC-FDMA scheme reduces its circuit size. A communication apparatus BS1, BS2 is capable of simultaneously receiving signals from a plurality of users by the SC-FDMA scheme. The communication apparatus BS1, BS2 includes a plurality of antennas la and lb; a processing unit 6 that performs multi-antenna signal processing on a plurality of received SC-FDMA signals in a frequency domain, the received SC-FDMA signals being received by the plurality of antennas la and lb; and a user separating unit 7 that demultiplexes a signal obtained through the multi-antenna signal processing, into signals for each user based on user allocation information in the SC-FDMA scheme.

No. of Pages : 39 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/06/2011

(21) Application No.1158/MUMNP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : NOVEL PYRAZOLONE-DERIVATIVES AND THEIR USE AS PD4 INHIBITORS

(51) International classification	:C07D 461/04,C07D 405/14,A61K 31/454	(71) <b>Name of Applicant :</b> <b>1)NYCOMED GMBH</b> Address of Applicant :BYK-GULDEN-STR. 2, 78467 KONSTANZ, Germany
(31) Priority Document No	:08169143.8	(72) <b>Name of Inventor :</b>
(32) Priority Date	:14/11/2008	<b>1)IMRE SCHLEMMINGER</b>
(33) Name of priority country	:EPO	<b>2)BEATE SCHMIDT</b>
(86) International Application No	:PCT/EP2009/065031	<b>3)DIETER FLOCKERZI</b>
Filing Date	:12/11/2009	<b>4)HERMANN TENOR</b>
(87) International Publication No	:WO/2010/055083	<b>5)CHRISTOF ZITT</b>
(61) Patent of Addition to Application Number	:NA	<b>6)ARMIN HATZELMANN</b>
Filing Date	:NA	<b>7)DEGENHARD MARX</b>
(62) Divisional to Application Number	:NA	<b>8)CLEMENS BRAUN</b>
Filing Date	:NA	<b>9)RAIMUND KULZER</b>
		<b>10)ANKE HEUSER</b>
		<b>11)HANS-PETER KLEY</b>
		<b>12)GEERT JAN STERK</b>

(57) Abstract :

The compounds of a certain formula 1, in which R1, R10, R11, A and R12 have the meanings as given in the description, are novel effective inhibitors of the type 4 phosphodiesterase.

No. of Pages : 157 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/06/2011

(21) Application No.1142/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : LAUNDRY DETERGENT COMPOSITION

(51) International classification	:C11D 3/386,C11D 3/20	(71) <b>Name of Applicant :</b> <b>1)HINDUSTAN UNILEVER LIMITED</b> Address of Applicant :HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, MUMBAI, 400 020, Maharashtra India
(31) Priority Document No	:EP08172196	
(32) Priority Date	:18/12/2008	
(33) Name of priority country	:EUROPEAN UNION	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/EP2009/066037	<b>1)O'KEEFFE JOANNE</b>
Filing Date	:30/11/2009	<b>2)PARRY NEIL JAMES</b>
(87) International Publication No	:WO/2010/069742	<b>3)SMITH LAN KARI</b>
(61) Patent of Addition to Application Number	:NA	<b>4)TAYLOR DAVID</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Potential malodour problems are reduced in laundry detergent compositions comprising (i) at least one surfactant, (ii) at least one furanone compound or lactam analogue thereof, and (iii) a microbial cell wall degrading enzyme.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/06/2011

(21) Application No.1143/MUMNP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHOD FOR EXTRACTING HYDROPHOBIN FROM A SOLUTION

---

(51) International classification

:C07K 14/37

(31) Priority Document No

:EP08171868

(32) Priority Date

:16/12/2008

(33) Name of priority country

:EUROPEAN  
UNION

(86) International Application No

:PCT/EP2009/066258

Filing Date

:02/12/2009

(87) International Publication No

:WO/2010/069771

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)HINDUSTAN UNILEVER LIMITED**

Address of Applicant :HINDUSTAN LEVER HOUSE, 165-  
166 BACKBAY RECLAMATION, MUMBAI, 400 020,  
Maharashtra India

(72)Name of Inventor :

**1)HEDGES NICHOLAS DAVID**

(57) Abstract :

Process for extracting hydrophobin from a solution wherein carrageenan is added to the solution and the pH of the solution is brought below 3.5, and the ionic strength of the solution is below 0.5.

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/02/2011

(21) Application No.1000/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : SYSTEM AND METHOD FOR ENHANCED MANEUVERABILITY □

(51) International classification	:A61B1/015, A61M25/10
(31) Priority Document No	:61/137,509
(32) Priority Date	:30/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IL2009/000748 :30/07/2009
(87) 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)G.I. VIEW LTD

Address of Applicant :5 Shoham Street Paz Towers 52521  
Ramat Gan Israel

(72)Name of Inventor :

1)BLUM Yoram

2)SHOR Eran

3)MENDELEWICZ Ran

(57) Abstract :

The present invention relates to an imaging apparatus comprising an elongated carrier adapted to be inserted through a proximal opening of a gastrointestinal (GI) tract lumen; a piston head, coupled to a distal portion of the carrier, and configured to: be inflated so as to form and maintain a pressure seal with a wall of the GI tract lumen, and be advanced distally through the GI tract in response to pressure from a fluid pressure source; a distal balloon coupled to the carrier distal to the piston head and configured and operable to be inflated so as to dilate the lumen thereby creating a working space; and a control unit, configured and operable to control simultaneously a pressure level within the piston head and a pressure level within the distal balloon. The control comprises maintaining a constant level.....

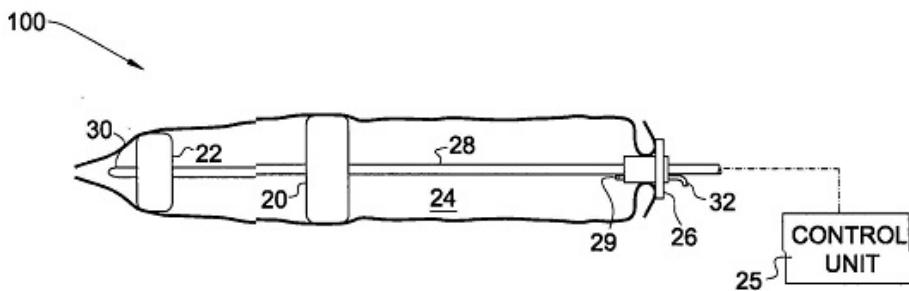


FIG. 1A

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/02/2011

(21) Application No.1001/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND APPARATUS FOR TRACK AND TRACK SUBSET GROUPING

(51) International classification	:H04N7/24, G06F17/30
(31) Priority Document No	:61/081,328
(32) Priority Date	:16/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2009/006263 :16/07/2009
(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

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo  
Finland

(72)Name of Inventor :

1)Miska Hannuksela

2)Ye-Kui Wang

(57) Abstract :

A method comprises storing real-time multimedia data in a plurality of tracks and/or track subsets; and identifying one or more multi-track groups, each multi-track group being associated with a relationship among one or more of the plurality of tracks and/or track subsets. Figure.

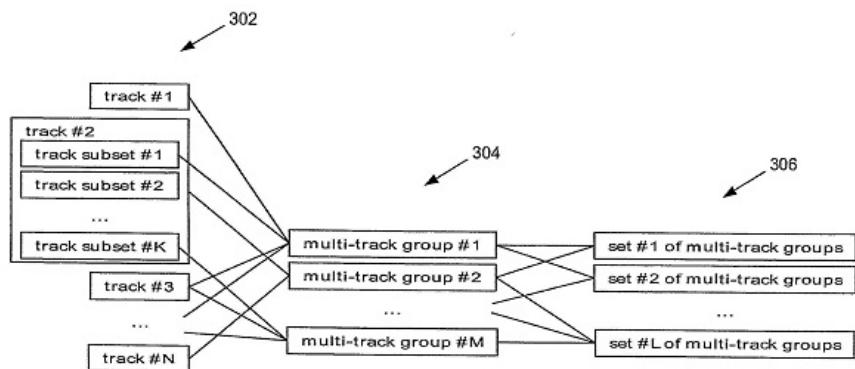


Figure 9

No. of Pages : 91 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/02/2011

(21) Application No.1038/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : COATING TOOL FOR APPLYING A FLUID FILM ONTO A SUBSTRATE

(51) International classification	:B05C5/02, B29C47/14
(31) Priority Document No	:10 2008 041 423.9
(32) Priority Date	:21/08/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/060575 :14/08/2009
(87) 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)FMP TECHNOLOGY GMBH FLUID  
MEASUREMENTS & PROJECTS

Address of Applicant :Am Weichselgarten 34 91058  
Erlangen Germany

(72)Name of Inventor :

1)FRANZ DURST  
2)BLENT NSAL

(57) Abstract :

The invention relates to a coating tool for applying a fluid film onto a substrate, wherein disposed upstream of a slot nozzle (1) for producing a fluid film, nozzle extending substantially across the entirety of a first width (B1) of the coating tool in unbroken fashion, is a distribution space (7) for distributing the fluid over a second width (B2) of the slot nozzle (1), wherein at least one channel (6) for feeding fluid is provided upstream of the distribution space (7), channel having a third width (B3), and wherein the third width (B3) is smaller than the second width (B2). To avoid an uneven throughput of material across the width of the slot, it is proposed according to the invention that a plurality of feed channels (9) be disposed in the distribution space (7), channels having a cross sectional area that increases in the direction of flow (S).

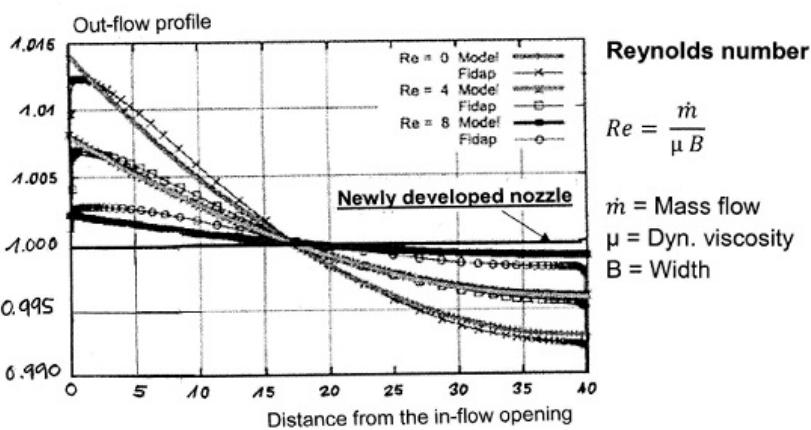


Fig. 1a

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/03/2006

(21) Application No.1039/CHENP/2006 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHOD OF MANUFACTURING OXIDE SUPERCONDUCTING WIRE, METHOD OF MODIFYING OXIDE SUPERCONDUCTING WIRE AND OXIDE SUPERCONDUCTING WIRE

(51) International classification	:H01B 13/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2003-304536	<b>1)M/S. SUMITOMO ELECTRIC INDUSTRIES, LTD.</b>
(32) Priority Date	:28/08/2003	Address of Applicant : 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/JP2004/011133	<b>1)KOBAYASHI, Shinichi</b>
Filing Date	:04/08/2004	<b>2)KATO, Takeshi,</b>
(87) International Publication No	:WO 2005/022563	<b>3)YAMAZAKI, Kouhei</b>
(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 manufacturing an oxide superconducting wire according to the present invention comprises a step (S1, S2) of preparing a wire formed by covering raw material powder of an oxide superconductor with a metal (3) and a heat treatment step (S4, S6) of heat-treating the wire in a pressurized atmosphere having a total pressure of at least 1 MPa and less than 50 MPa in the heat treatment. At a heat-up time before the heat treatment in the heat treatment step (S4, S6), pressurization is started from a temperature reducing 0.2 % yield strength of the metal (3) below the total pressure in the heat treatment. Thus, formation of voids between oxide superconducting crystals and blisters of the oxide superconducting wire is suppressed while the partial oxygen pressure can be readily controlled in the heat treatment, whereby the critical current density can be improved.

No. of Pages : 66 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/02/2011

(21) Application No.1044/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PROCESSING POLLING REQUESTS FROM RADIO LINK CONTROL PEERS

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(51) International classification	:H04L1/16, H04L1/18
(31) Priority Document No	:61/087,606
(32) Priority Date	:08/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/053204
Filing Date	:07/08/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :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 92121-1714 USA.

(72)Name of Inventor :

1)HO Sai Yiu Duncan

2)XIAO Gang A.

(57) Abstract :

This innovation relates to systems and methods for transmission of protocol data units, and more particularly to processing polling requests from a radio link control peer. A radio link control transmitter can poll a receiver to obtain a report regarding the status of a set of data packets, and the polls can be sent in-band with a data packet. The receiver can determine to wait before sending the status report based on one or more characteristics of the received data packets.

No. of Pages : 37 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/02/2011

(21) Application No.1004/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND APPARATUS FOR PEER TO PEER STREAMING

(51) International classification	:H04L29/06, H04L12/56
(31) Priority Document No	:61/081,359
(32) Priority Date	:16/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2009/006254 :17/07/2009
(87) 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)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo  
Finland

(72)Name of Inventor :

1)Jozef Van Gassel

2)Imed Bouazizi

3)Igor Curcio

4)Alex Jantunen

5)Marko Saukko

6)Lassi Vaatamoinen

(57) Abstract :

In accordance with an example embodiment of the present invention, An apparatus, comprising a processor configured to assign at least one of a plurality of real time transport protocol data units to at least one of at least two peer to peer partial real-time transport protocol streaming sessions, based at least in part on at least one timestamp associated with the at least one of the plurality of real time protocol data units. The plurality of real time transport protocol data units, is associated with the real time transport protocol media stream. FIGURE. 4

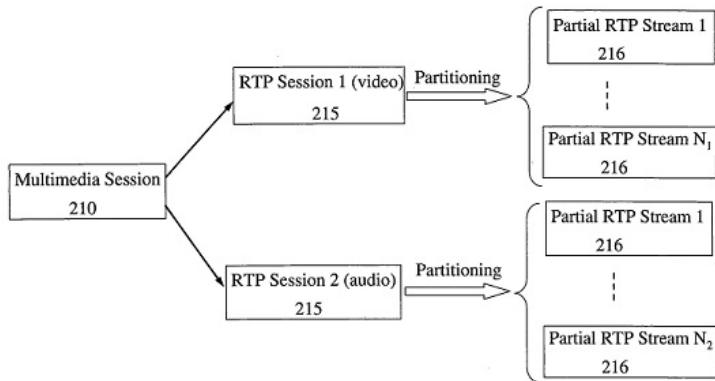


FIGURE 4.

No. of Pages : 44 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/02/2011

(21) Application No.1025/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : CORE LAYER STRUCTURE HAVING VOLTAGE SWITCHABLE DIELECTRIC MATERIAL

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(51) International classification

:H05K1/02

(31) Priority Document No

:61,091,288

(32) Priority Date

:22/08/2008

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2009/054062

Filing Date

:17/08/2009

(87) International Publication No

: NA

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

A core layer structure is provided for substrate and packed devices. The core layer structure includes a first layer, a second layer combined with the first layer. A layer of voltage switchable dielectric (VSD) material provided in between the first layer and second layer.

No. of Pages : 26 No. of Claims : 22

(71)Name of Applicant :

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Address of Applicant :5870 Hellyer Avenue San Jose CA  
95138 USA.

(72)Name of Inventor :

**1)KOSOWSKY Lex**

**2)FLEMING Robert**

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/02/2011

(21) Application No.1040/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : POWER SPECTRUM DENSITY CONTROL FOR WIRELESS COMMUNICATIONS

---

(51) International classification	:H04W52/24, H04W52/14
(31) Priority Document No	:61/092,185
(32) Priority Date	:27/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/055203
Filing Date	:27/08/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)**Name of Applicant :**

**1)QUALCOMM Incorporated**

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(72)**Name of Inventor :**

**1)LUO Xiliang**

**2)ATTAR Rashid Ahmed Akbar**

**3)LOTT Christopher Gerard**

(57) Abstract :

Systems and methodologies are described that facilitate adjusting power spectrum density (PSD) for wireless devices according to multiple possible step sizes. A step size for an adjustment can be selected based at least in part on a received overload indicator from one or more access points, a PSD required to achieve a target signal-to-interference-and-noise ratio (SINR) for a wireless device, and a PSD previously assigned to the wireless device. Once the step size is selected, it can be applied to the previous PSD to generate a new PSD for the wireless device, and the wireless device can accordingly adjust PSD to mitigate inter-cell interference with the one or more access points.

No. of Pages : 42 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/02/2011

(21) Application No.1041/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : BASE STATION SYNCHRONIZATION

(51) International classification	:H04W56/00
(31) Priority Document No	:61/091,089
(32) Priority Date	:22/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/054688
Filing Date	:21/08/2009
(87) 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 :

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5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)Name of Inventor :

**1)PALANKI Ravi**

**2)XIAO Lei**

**3)AGASHE Parag A.**

(57) Abstract :

Systems and methodologies are described that facilitate synchronizing base stations in a wireless communication environment. A base station can receive a synchronization signal sent via a low reuse channel, which can be shared by a group of base stations. Further, the base station can align a clock associated therewith to the received synchronization signal. Moreover, the base station can coarsely align the clock to a first synchronization signal received upon a first subset of resources of the low reuse channel, and finely align the clock to a second synchronization signal received upon a second subset of resources (e.g., of the low reuse channel, of a separate channel, !), where the second subset of resources can be reserved for transmission from at least one base station with at least a predetermined level of synchronous accuracy.

No. of Pages : 64 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.1070/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : FAST CHARGER FOR SUPER CAPACITOR

(51) International classification	:H01G9/155
(31) Priority Document No	:200810142967.8
(32) Priority Date	:23/07/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/IB2009/053021
Filing Date	:13/07/2009
(87) 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 :

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(72)Name of Inventor :

1)LIU Chenyang

(57) Abstract :

This invention proposes a novel charging method for improving the efficiency of charging a super capacitor. The method comprises the steps of: charging the super capacitor with a first current; measuring a voltage of the super capacitor; stopping the supply of the first current when the measured voltage reaches a pre-defined voltage value; monitoring a voltage variation of the super capacitor; charging the super capacitor with a second current when the monitored voltage variation exceeds a pre-defined threshold within a pre-defined period. By using said two-phase charging, especially when using two different charging currents, it is easier to improve the charging efficiency without degrading the charging speed. Fig.3

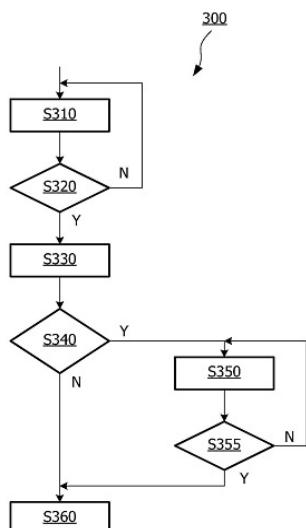


FIG. 3

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/02/2011

(21) Application No.1039/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : NOVEL SULPHUR CONTAINING LIPIDS FOR USE AS FOOD SUPPLEMENT OR AS MEDICAMENT

(51) International classification	:A61K31/10, A23L1/29
(31) Priority Document No	:08160450.6
(32) Priority Date	:15/07/2008
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/NO2009/000262 :13/07/2009
(87) 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 :

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(72)Name of Inventor :

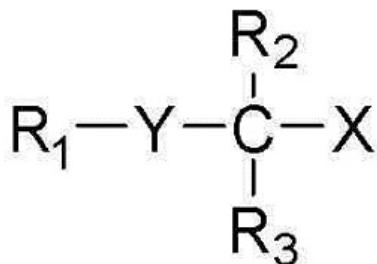
1)ANNE KRISTIN HOLMEIDE

2)RAGNAR HOVLAND

3)MORTEN BRAENDVANG

(57) Abstract :

The present invention relates to lipid compounds of the general formula (I): (I) wherein R1 is selected from a C10-C22 alkyl, a C10-C22 alkenyl having 1-6 double bonds, and a C10-C22 alkynyl having 1-6 triple bonds; R2 and R3 are the same or different and may be selected from a group of different substituents; Y is selected from sulphur, sulfoxide, and sulfone; and X represents a carboxylic acid or a derivative thereof, a carboxylic ester, a carboxylic anhydride or a carboxamide; or a pharmaceutically acceptable salt, complex or solvate thereof. The invention also relates to pharmaceutical compositions and lipid compositions comprising such compounds, and to such compounds for use as medicaments or for use in therapy, in particular for the treatment of diseases related to the cardiovascular, metabolic and inflammatory disease area.



(I)

No. of Pages : 64 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/02/2011

(21) Application No.1046/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHOD AND APPARATUS FOR THE OBJECTIVE DETECTION OF AUDITIVE DISORDERS□

(51) International classification	:A61B5/12
(31) Priority Document No	:2008-0141
(32) Priority Date	:24/07/2008
(33) Name of priority country	:Cuba
(86) International Application No	:PCT/CU2009/000005
Filing Date	:24/07/2009
(87) 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)CENTRO DE NEUROSCIENCIAS DE CUBA

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(72)Name of Inventor :

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2)RODRIGUEZ DAVILA Ernesto Luis

3)SANCHEZ CASTILLO Manuel

4)SOTERO DIAZ Roberto Carlos

5)TORRES FORTUNY Alejandro

6)SANTOS FEBLES Elsa

---

(57) Abstract :

The invention relates to a method and apparatus for the objective detection of auditive disorders, by recording arising potentials of a stable state with simultaneous acoustic stimulation via the bones or the air way, to be used in new borns. The apparatus comprises the necessary means for the independent generation of two different sound stimuli presented to the subject simultaneously via osseous and air way electroacoustic transducers, the synchronous recording of the cerebral electrical activity of the subject, the continuous evaluation of the contact of the electrodes, the interactive measurement of the levels of ambient noise, and the wireless digital transmission of the bioelectric activity towards a computer. The method according to the invention statistically processes and detects the potentials provoked by the osseous-air way stimulation, automatically providing a categorical final result, according to the presence or absence of auditive sensitivity disorders, the type of disorder (conductive or sensorineural), and the validity of the result.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/02/2011

(21) Application No.1050/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : MEMORY MODULE INCLUDING VOLTAGE SENSE MONITORING INTERFACE

(51) International classification	:G06F12/00, G06F1/26
(31) Priority Document No	:12/262,038
(32) Priority Date	:30/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/057967 :23/09/2009
(87) 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 :

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L.P.

Address of Applicant :11445 Compaq Center Drive West  
Houston TX 77070 USA.

(72)Name of Inventor :

- 1)Dennis CARR
- 2)Michael Bozich CALHOUN
- 3)Teddy LEE
- 4)Lidia WARNES
- 5)Dan VU

(57) Abstract :

Memory devices and systems include a voltage sense line for addressing voltage tolerances across variable loadings. The memory devices and systems comprise a memory module connector with a first plurality of pins coupled to circuitry on a memory module, and a second plurality of pins coupled to power rails on the memory module that enable monitoring of the power rails from external to the memory module. [FIG. 1E]

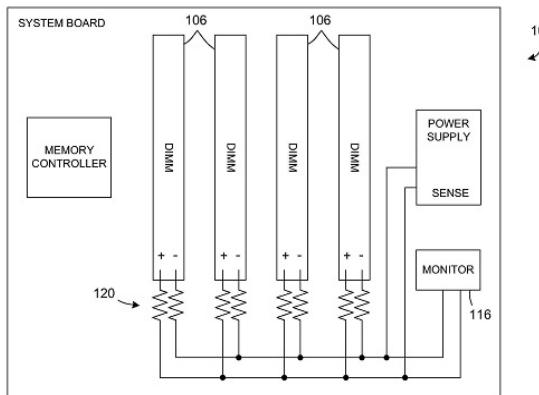


FIG. 1E

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.1074/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : GD2O2S MATERIAL FOR USE IN CT APPLICATIONS

(51) International classification	:C09K11/77, G21K4/00
(31) Priority Document No	:200810142960.6
(32) Priority Date	:23/07/2008
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/IB2009/053025 :13/07/2009
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

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(72)Name of Inventor :

1)RONDA Cornelis Reinder  
2)ZEITLER Guenter  
3)SCHREINEMACHER Herbert  
4)CONRADS Norbert  
5)WIECHERT Detlef Uwe

(57) Abstract :

The invention relates to a Gd<sub>2</sub>O<sub>2</sub>S: Nd fluorescent material and the use of Nd<sup>3+</sup> as emitter in suitable materials. (Fig. 1)

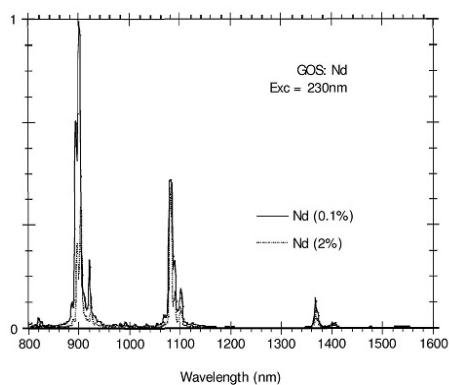


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.1075/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : VERSATILE 3-D PICTURE FORMAT

(51) International classification	:H04N13/02
(31) Priority Document No	:08305420.5
(32) Priority Date	:24/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/053180
Filing Date	:22/07/2009
(87) 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 :

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(72)Name of Inventor :

1)BRULS Wilhelmus H. A.  
2)KLEIN GUNNEWIEK Reinier B. M.  
3)VAN DER HEIJDEN Gerardus W. T.  
4)NEWTON Philip S.

(57) Abstract :

A 3-D picture is provided as follows. A pair of pictures (LP, RP) is provided that comprises a first picture (LP) being intended for one eye of a viewer, and a second picture (RP) being intended for the other eye of the viewer. In addition, a depth map (DM) specifically dedicated to the first picture (LP) is provided. The depth map (DM) comprises depth indication values. A depth indication value relates to a particular portion of the first picture (LP) and indicates a distance between an object at least partially represented by that portion of the first picture and the viewer. Such a 3-D picture allows a satisfactory 3-D visual rendering on a great variety of display devices. Preferably, the 3-D picture is supplemented with rendering guidance data (GD) that specifies respective parameters for respective rendering contexts. Fig. 2

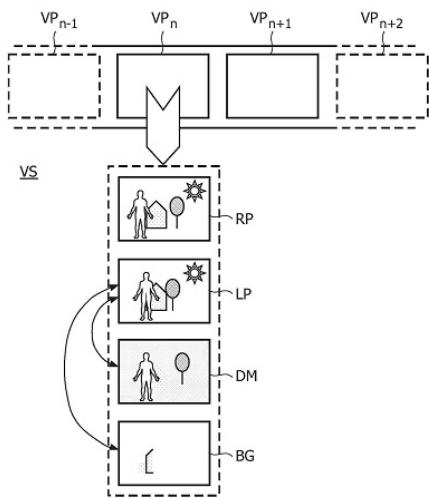


FIG. 2

No. of Pages : 46 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/02/2011

(21) Application No.1002/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND APPARATUS FOR FAST NEARESTNEIGHBOR SEARCH FOR VECTOR QUANTIZERS

(51) International classification	:G10L19/02, G06T9/00
(31) Priority Document No	:61/081,671
(32) Priority Date	:17/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/FI2009/050603 :02/07/2009
(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

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland

(72)Name of Inventor :

1)Adriana Vasilache

2)Lasse Laaksonen

3)Mikko Tammi

4)Anssi Rm

(57) Abstract :

A method comprises identifying a component k of a codevector from a codebook C having one or more codevectors, the component k introducing highest variance for an input vector; allowing ordering of codevectors in the codebook C; and searching for a best match vector for the input vector using ordered codevectors. Figure.1

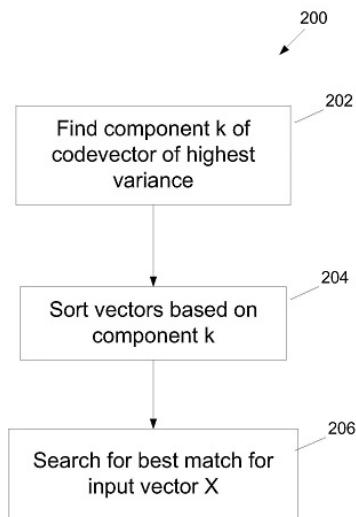


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/02/2011

(21) Application No.1042/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHODS AND APPARATUS FOR FRAME EXCHANGE FOR SDMA UPLINK DATA

(51) International classification	:H04W74/04, H04W74/06
(31) Priority Document No	:61/090,207
(32) Priority Date	:19/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/054210 :18/08/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

**1)QUALCOMM Incorporated**

Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)**Name of Inventor :**

**1)JONES Vincent Knowles IV**

**2)WENTINK Maarten Menzo**

**3)AGGARWAL Alok**

---

(57) Abstract :

Certain embodiments provide a method for scheduling simultaneous transmissions of data from multiple wireless nodes in a wireless communications system.

No. of Pages : 37 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/02/2011

(21) Application No.1043/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHOD AND APPARATUS FOR AUTOMATED PARAMETER ADJUSTMENT TO COMPENSATE SELF ADJUSTING TRANSMIT POWER AND SENSITIVITY LEVEL AT THE NODE B

(51) International classification	:H04W52/10
(31) Priority Document No	:61/087,861
(32) Priority Date	:11/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/053198
Filing Date	:07/08/2009
(87) 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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**1)GHOLMIEH Aziz**

**2)MESHKATI Farhad**

**3)YAVUZ Mehmet**

**4)MOHAN Siddharth**

**5)CHEVALLIER Christophe**

---

(57) Abstract :

A small base node such as a Home Base Node (HNB), or femto cell, may reduce its transmit power in order to prevent co-channel or adjacent channel interference, or to limit its coverage area. Once the power is set, the HNB signal to a served Home User Equipment (HUE) its transmit Common Pilot Channel (CPICH) transmit power for accurate path loss estimation. When this power is outside of the permissible range, the HNB adjusts other parameters (such as Random Access Channel (RACH) constant value) to compensate for the error in signaled CPICH power, and thus compensate in that process the error in determining path loss. Similarly, if the uplink sensitivity is adjusted, to prevent interference, parameters would also be adjusted and signaled to the HUE to reflect the link imbalance.

No. of Pages : 55 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.1076/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : MACHINE FOR DISPENSING BEVERAGES

(51) International classification	:A47J31/52, G07F7/10
(31) Priority Document No	:FI2008A000141
(32) Priority Date	:25/07/2008
(33) Name of priority country	:Italy
(86) International Application No Filing Date	:PCT/IT2009/000297 :07/07/2009
(87) 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 :

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(72)Name of Inventor :

1)CASTELLANI Andrea

2)PILONE Ciro Adelmo

(57) Abstract :

The machine (1) comprises: at least one infusion unit (29) for preparing coffee, a user interface (9) and an electronic programmable control unit (15). The control unit is associated with a recognition system (11) for recognizing a user, and is programmed to actuate at least one function of the machine based upon the recognition of the user. Fig. 1

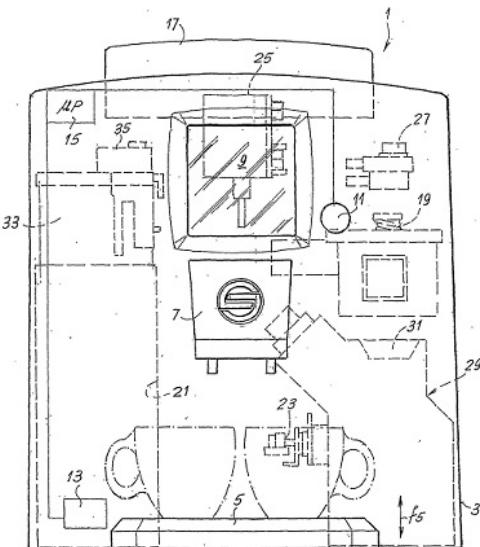


Fig.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.1077/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : 3D DISPLAY HANDLING OF SUBTITLES

(51) International classification	:H04N13/02
(31) Priority Document No	:08161152.7
(32) Priority Date	:25/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/053116
Filing Date	:17/07/2009
(87) 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 :

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1)NEWTON Philip S.  
2)BOLIO Dennis D. R. J.  
3)SCALORI Francesco.  
4)VAN DER HEIJDEN Gerardus W. T.  
5)VAN DOVEREN Henricus F. P. M.  
6)DE HAAN Wiebe  
7)MOLL Hendrik F.

(57) Abstract :

A method of creating a three-dimensional image signal comprises receiving a first image component, receiving a second component for creating a three-dimensional image in combination with the first image component, receiving a text component for including in the three-dimensional image, receiving a data component comprising location information describing the location of the text component within the three-dimensional image, and creating a three-dimensional image signal comprising the first image component, the second component, the text component, and the data component. The signal is rendered by rendering a three-dimensional image from the first image component and the second component, the rendering including rendering the text component in the three-dimensional image, the rendering of the text component including adjusting three-dimensional parameters of the three-dimensional image in the location of the rendered text component. Fig. 3

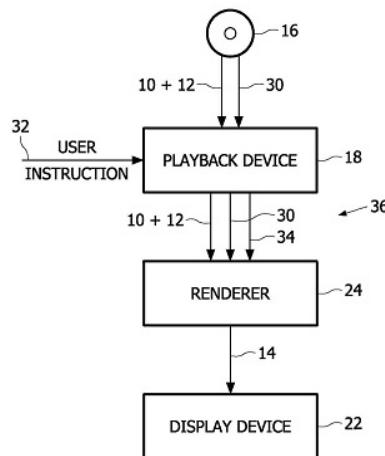


FIG. 3

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2011

(21) Application No.1085/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : DETECTION ALGORITHM FOR PCR ASSAY□

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(51) International classification	:C12Q1/68
(31) Priority Document No	:61/136,040
(32) Priority Date	:08/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/053253
Filing Date	:10/08/2009
(87) 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)SMITHS DETECTION INC.**

Address of Applicant :2202 Lakeside Boulevard Edgewood MD 21040 USA.

(72)Name of Inventor :

**1)LINK John Robert**

**2)BOYES Barry Edward**

(57) Abstract :

The application provides methods for improving the detection accuracy of the binding of labeled nucleic acid probes, such as those used in PCR reactions. One such method comprises measuring the label intensity, e.g. fluorescence, at two different temperatures, a higher temperature and a lower temperature, and then calculating the ratio of the label intensity at the lower temperature over the label intensity at the higher temperature. Another method comprises measuring the label intensity at least two points in time post-PCR and calculating the slope of the label intensity as a function of time. Measuring the hybridization kinetics of the probe binding to the target nucleic acid allows an on-rate slope to be calculated which gives this method good specificity of detection.

No. of Pages : 33 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.1072/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : A METHOD AND APPARATUS FOR DISPLAYING A PLURALITY OF ITEMS

(51) International classification	:G11B27/34, G06F17/30
(31) Priority Document No	:08160930.7
(32) Priority Date	:23/07/2008
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2009/053058 :15/07/2009
(87) 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 :

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(72)Name of Inventor :

1)OOSTERHOLT Ronaldus H. T.

(57) Abstract :

A method of displaying a plurality of items is described. The items are arranged in a plurality of hierarchical levels, each of the hierarchical levels comprises a plurality of sets of items, each set comprising at least one of the plurality of items and each item has associated therewith at least one other item in another hierarchical level. An item within a first hierarchical level is selected (step 206), at least two sets of items of at least one second hierarchical level (the second hierarchical level being a level lower than the first hierarchical level) are arranged in an order determined by the selected one of the items (step 208) and the ordered sets of items are displayed (step 210). Fig. 2

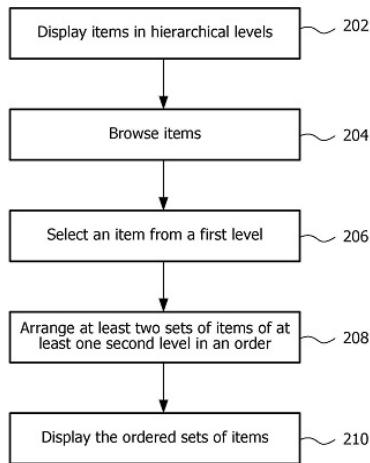


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.1073/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : POWER SUPPLY APPARATUS

(51) International classification	:H02J7/00
(31) Priority Document No	:200810142968.2
(32) Priority Date	:23/07/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/IB2009/053022
Filing Date	:13/07/2009
(87) 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 :

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(72)Name of Inventor :

1)LIU Chenyang

2)RUIJTER Hendrikus Albertus Adrianus Maria de

3)BAKKER Levinus Pieter

(57) Abstract :

To solve or mitigate the problem of lacking the last mile□ connection to a power grid, the invention provides a power supply apparatus for supplying electric energy to a plurality of devices. The apparatus comprises a power dock configured to electrically couple to a power pack, wherein the power pack is configured to store electric energy; and a plurality of connectors each being configured to supply electric energy from the power dock to one of the plurality of devices. By utilizing the power pack, particularly a removable super capacitor, accessing power becomes easier for those people living away from power grids or suffering from an unstable power supply. (Fig. 2)

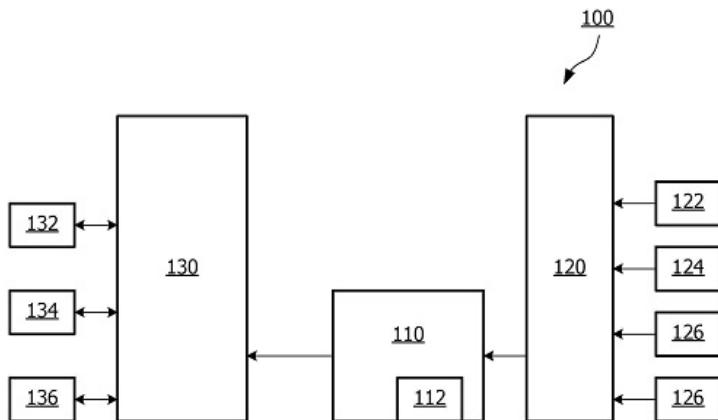


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.1080/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : FEED FOR POULTRY AND SWINE□

(51) International classification	:A23K1/16	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)THE THAILAND RESEARCH FUND</b>
(32) Priority Date	:NA	Address of Applicant :14th Floor SM Tower 979/17-21 Phaholyothin Road Samsaen-nai Phayathai Bangkok 10400 Thailand.
(33) Name of priority country	:NA	<b>2)KASETSART UNIVERSITY</b>
(86) International Application No	:PCT/SG2008/000283	<b>3)BETTER PHARMA CO. LTD.</b>
Filing Date	:31/07/2008	<b>4)AXIS IP HOLDING PTE LTD</b>
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)PARASKA Nuanchan</b>
Filing Date	:NA	<b>2)SONGSAEM TAWEESEAK</b>
(62) Divisional to Application Number	:NA	<b>3)SONGSAEM OMPRAPHAN</b>
Filing Date	:NA	<b>4)SINDHUVANICH SIRINPORN</b>

- 5)WITTAYA-AREEKUL SAKCHAI**  
**6)PHUMALA MORALES NOPPAWAN**  
**7)PITAKSUTEEPONG TASANA**  
**8)OUNARUN ANAN**  
**9)TANGSUMRANJIT ANOTHAI**  
**10)WICHAI UTHAI**

(57) Abstract :

Feed and feed supplement for swine and poultry. The feed comprises the feed supplement. The feed supplement consists essentially of at least one of a predetermined concentration of Capsaicin, a predetermined concentration of essential oil of Ocimum sanctum L., a predetermined concentration of fructo-oligosaccharide and a pre-determined concentration of Curcumin. Process or method for manufacturing the feed supplement is also provided. The feed supplement produces physiological effects in poultry and swine when consumed thereby. In poultry, the feed reduces cholesterol content of eggs produced, enhances immunity against Newcastle disease, reduces stress effects and increases excretion of digestive enzymes when consumed by the poultry. In swine, the feed enhances immunity against Swine fever disease, increases growth rate and feed conversion ratio and enhances carcass characteristics thereof.

No. of Pages : 42 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2011

(21) Application No.1137/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : A SYSTEM AND METHOD FOR MANAGING DIGITAL DISPLAY CONTENT IN A QUICK SERVICE RESTAURANT ENVIRONMENT

(51) International classification	:G06F17/00
(31) Priority Document No	:61/082, 409
(32) Priority Date	:21/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/051309
Filing Date	:21/07/2009
(87) 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 :

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Address of Applicant :10070 Mesa Rim Road San Diego CA 92121 USA.

(72)Name of Inventor :

1)J. PATRICK RAVENEL

2)TREVOR CHONG

3)JOHN SILVA

(57) Abstract :

Embodiments disclosed herein are directed to systems and methods for managing digital media content within a quick service restaurant environment to provide a consistent visual experience and accurate, timely data across various digital media displays to QSR customers. In some embodiments, a digital media management appliance (DMMA) is used to manage the distribution of digital media data which is used to drive various display devices present in the QSR environment. The DMMA may be configured to extract data from a point of sale (POS) system and/or other data sources within the QSR environment in order to generate display data for the digital media devices in the store.

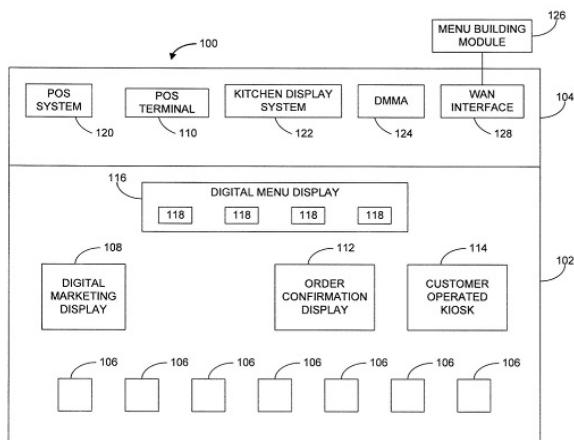


FIG. 1

No. of Pages : 37 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.1071/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : ULTRASOUND MEDIATED DRUG DELIVERY

(51) International classification	:A61M 37/00
(31) Priority Document No	:61/061690
(32) Priority Date	:23/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/052449
Filing Date	:09/06/2009
(87) 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 :

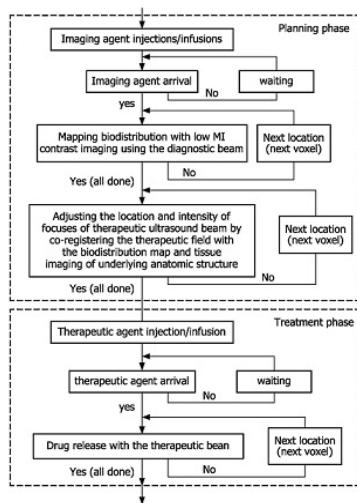
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.  
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(72)Name of Inventor :

1)SHI William  
2)CHIN Chien Ting  
3)HALL Christopher  
4)RAJU Balasundara  
5)BOHMER Marcel

(57) Abstract :

Described is a method for the delivery of a therapeutic agent to a mammal, particularly a human person, comprising (i) the administration of ultrasound particles that undergo a physical change when subjected to ultrasound; (ii) the administration of the therapeutic agent in an ultrasound dosage form allowing release of the therapeutic agent to be affected by the application of ultrasound, (iii) the application of ultrasound so as to affect a physical change in at least some of the ultrasound particles, and (iv) the application of ultrasound so as to stimulate release of the therapeutic agent. According to the invention the ultrasound particles are subjected to detection of their acoustic responses via echoes and/or emissions. The information thus obtained is processed and the processed information is used to adapt or adjust the ultrasound-mediated delivery of the therapeutic agent. Fig. 1



Flow chart for illustration of the planning and treatment phases

FIG. 1

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.1078/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHODS AND SYSTEMS FOR EVALUATING MEMORY AGENTS□

(51) International classification	:A61K31/497, A61K31/40
(31) Priority Document No	:61/081,945
(32) Priority Date	:18/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/051082
Filing Date	:17/07/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :7473 Lusk Boulevard Suite 250 San Diego California 92121 USA.

(72)Name of Inventor :

1)TULLY Timothy

2)DAVACHI Lila

(57) Abstract :

The present invention provides methods and systems for identifying, evaluating, and testing various compounds as memory agents and regimens as training protocols related to memory enhancement and/or impairment. Such methods and systems may test any compounds or protocols, including the memory agents and training protocols described herein. The methods can comprise combining training protocols with the general administration of memory agents. In some embodiments, the present invention may involve identifying, selecting, testing, evaluating or assessing a compound as a drug candidate for a memory agent, for example, as one effective for enhancing or impairing memory

No. of Pages : 107 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.1079/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : GQ PROTEIN COMPETITIVE INHIBITORY POLYPEPTIDES, PREPARATION METHODS AND USES THEREOF□

(51) International classification	:C12N15/12, C07K14/435, C12N15/63	(71) <b>Name of Applicant :</b> <b>1)LI Xiaohui</b> Address of Applicant :30# Gaotanyan Street Shaping District Chongqing 400038 China <b>2)THIRD MILITARY MEDICAL UNIVERSITY</b> <b>3)CHONGQING ZHAOKANGLIHUI MEDITECH CO.</b> <b>LTD</b> <b>4)CHONGQING QINGYANG PHARMACEUTICAL CO.</b> <b>LTD</b>
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:PCT/CN2008/001449 :11/08/2008	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	(72) <b>Name of Inventor :</b> <b>1)LI Xiaohui</b> <b>2)ZHANG Haigang</b> <b>3)ZHOU Jianzhi</b> <b>4)LI Shuhui</b>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided are a series of Gq protein competitive inhibitory polypeptides (GCIPs), polynucleotides encoding them, and preparation methods thereof. Also provided are pharmaceutical compositions comprising GCIP polypeptides and their uses in the manufacture of drugs for treating myocardial hypertrophy

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2011

(21) Application No.1120/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : COMMON-MODE PARTITIONING OF WIDEBAND CHANNELS

(51) International classification	:H04W48/12, H04W16/02	(71) <b>Name of Applicant :</b> <b>1)QUALCOMM Incorporated</b> Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 USA.
(31) Priority Document No	:61/092,613	
(32) Priority Date	:28/08/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2009/055181	(72) <b>Name of Inventor :</b>
Filing Date	:27/08/2009	<b>1)LAKKIS Ismail</b>
(87) 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 :

Certain aspects of the present disclosure relate to a method for allocating a plurality of logical channels within each wideband channel specified by the IEEE 802.15.3c standard. Each logical channel can utilize the same wideband channel, but the logical channel can also utilize a narrowband channel (i.e., a low data rate (LDR) channel) for control and signaling. The logical channel may function as a common mode channel for multi-mode operations. A piconet controller (PNC) within a piconet can utilize the LDR for beaconing, association, and for assigning Channel Time Allocations (CTAs). Inside a CTA period, multiple devices in the piconet can communicate using a single-carrier mode, an OFDM mode, or some other mode.

No. of Pages : 40 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2011

(21) Application No.1138/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : A LITHOGRAPHIC PROCESS USING A NANOWIRE MASK, AND NANOSCALE DEVICES FABRICATED USING THE PROCESS

(51) International classification	:H01L21/335, H01L21/336
(31) Priority Document No	:12/221,068
(32) Priority Date	:29/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/FI2009/050536 :18/06/2009
(87) 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)NOKIA CORPORATION

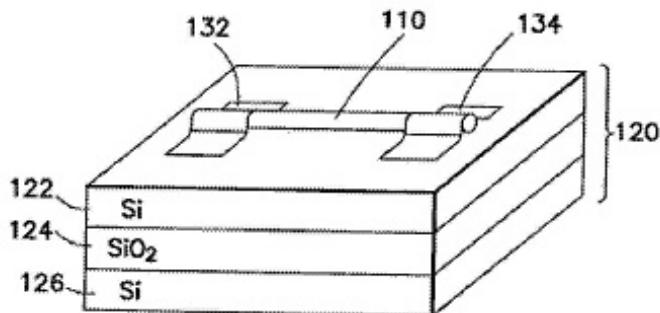
Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland

(72)Name of Inventor :

1)Alan Colli

(57) Abstract :

The disclosure pertains to a method for making a nanoscale field effect transistor structure on a semiconductor substrate (120). The method comprises disposing a mask on a semiconductor upper layer (122) of a multi-layer substrate, and removing areas of the upper layer (122) not covered by the mask in a nanowire lithography process. The mask includes two conductive terminals (132, 134) separated by a distance, and a nanowire (110) in contact with the conductive terminals (132, 134) across the distance. The nanowire lithography may be carried out using a deep-reactive-ion-etching, which results in an integration of the nanowire mask (110, 132, 134) and the underlying semiconductor layer (122) to form a nanoscale semiconductor channel for the field effect transistor. FIG. 4B



**FIG.4B**

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2011

(21) Application No.1119/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHODS AND APPARATUS FOR SWITCHING BETWEEN A BASE CHANNEL AND A 60 GHZ CHANNEL

(51) International classification	:H04W36/14
(31) Priority Document No	:61/090,334
(32) Priority Date	:20/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/054498
Filing Date	:20/08/2009
(87) 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)QUALCOMM Incorporated**

Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)**Name of Inventor :**

**1)WENTINK Maarten Menzo**

**2)JONES Vincent Knowles**

(57) Abstract :

A method for switching between channels on different bands is described. Communication with a wireless device occurs on a base channel. A channel switch request is sent to the wireless device. An acknowledgment is received from the wireless device. Communication with the wireless device switches to a 60 GHz channel.

No. of Pages : 49 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2011

(21) Application No.1132/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : Light Turning Device with Prismatic Light Turning Features

---

(51) International classification

:F21V8/00

(31) Priority Document No

:61/093,695

(32) Priority Date

:02/09/2008

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2009/055527

Filing Date

:31/08/2009

(87) International Publication No

: NA

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)QUALCOMM MEMS Technologies Inc.**

Address of Applicant :5775 Morehouse Drive San Diego CA  
92121 USA.

(72)Name of Inventor :

**1)KHAZENI Kasra**

**2)KOTHARI Manish**

**3)XU Gang**

**4)BITA Ion**

**5)NARAYANAN K. S.**

---

(57) Abstract :

A light guide device includes a light guide body 182 and two or more pluralities of spaced-apart slits 100. The slits 100 are formed by undercuts in the light guide body 182. Sidewalls of the slits form facets that redirect light impinging on the facets. In some embodiments, the light guide body is attached to a light source 192. The light source 192 emits light that is injected into the light guide body 182 and the slits 100 redirect the light out of the light guide body 182 and towards a desired target. In some embodiments, the target is a display and a first plurality of slits 100 directs light from the light source 192 across the light guide body 182 and over the face of the display. A second plurality of slits 100 then directs light out of the light guide body 182 and towards the display.

No. of Pages : 45 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2011

(21) Application No.1140/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : DIFFERENTIAL ON-LINE TERMINATION

(51) International classification	:G11C7/10, G11C11/4093
(31) Priority Document No	:12/262,051
(32) Priority Date	:30/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/057898 :22/09/2009
(87) 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)HEWLETT-PACKARD DEVELOPMENT COMPANY  
L.P.

Address of Applicant :11445 Compaq Center Drive West  
Houston TX 77070 USA.

(72)Name of Inventor :

1)Dennis Sean CARR  
2)Lidia WARNES  
3)Dan VU  
4)Teddy LEE  
5)Michael Bozich CALHOUN

(57) Abstract :

Memory devices and systems incorporate on-die termination for signal lines. A memory device comprises an integrated circuit die. The integrated circuit die comprises a pair of input signal pins that supply a pair of input signals, and an on-die termination circuit coupled between the pair of input signal pins that differentially terminates the pair of input signals. [FIG. 1A]

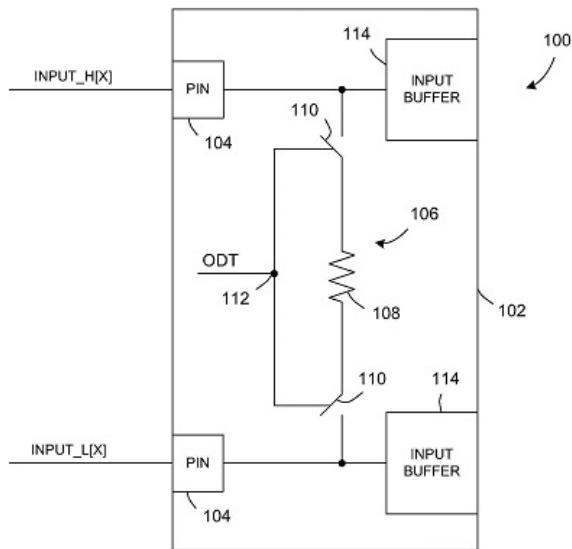


FIG. 1A

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2011

(21) Application No.1141/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : SPREADER WITH FLIPPER ARM DRIVE

(51) International classification	:B66C1/66
(31) Priority Document No	:200806194-7
(32) Priority Date	:18/02/2011
(33) Name of priority country	:Singapore
(86) International Application No	:PCT/SG2009/000239
Filing Date	:01/07/2009
(87) 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)NSL ENGINEERING PTE LTD

Address of Applicant :26 Tanjong Kling Road Singapore 628  
051

(72)Name of Inventor :

1)ROBERT ARTHUR MILLS

2)ZHANMIN TONG

3)GHEE HUA NG

(57) Abstract :

A flipper assembly for guiding a spreader to engage a container, the flipper assembly comprising a flipper hingedly mounted to the spreader, said flipper moveable between an open and closed position about said hinged mounting; a motor mounted to the spreader distal from said flipper; a spacing assembly located between the motor and the hinged mounting of the flipper; wherein said spacing assembly is capable of transmitting a torque from the motor to the hinged mounting so as to move the flipper between the closed and open positions.

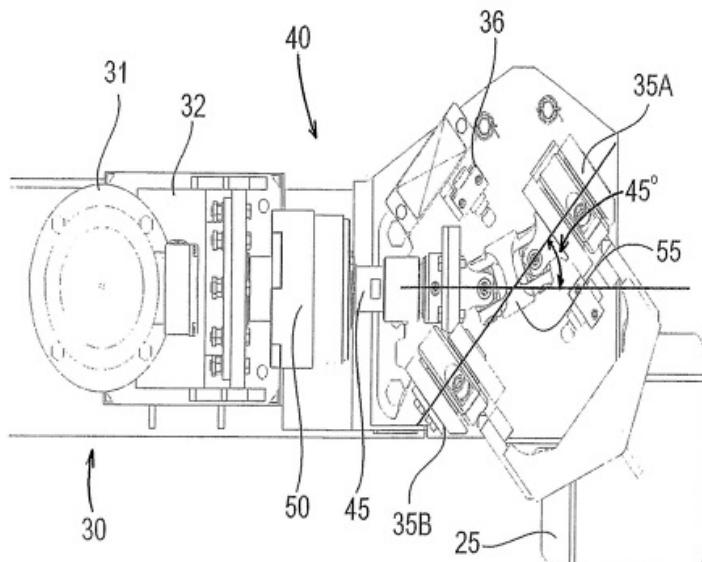


Figure 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2011

(21) Application No.1147/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : PROCESS FOR THE PREPARATION OF METAL NANOPARTICLES IN POLYOLS

(51) International classification	:B22F9/24
(31) Priority Document No	:08161011.5
(32) Priority Date	:23/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/059088
Filing Date	:15/07/2009
(87) International Publication No	:WO 2010/010026 A2
(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)CONSTRUCTION RESEARCH & TECHNOLOGY GMBH**

Address of Applicant :DR. AIBERT-FRANK-STRASSE 32,  
D-83308 TROSTBERG Germany

**(72)Name of Inventor :**

- 1)MEZGER, JOCHEN**
- 2)MARC, LAURENT**
- 3)KLAPODOHR, SIMONE**
- 4)WALTHER, BURKHARD**
- 5)CAI, ZHIZHONG**
- 6)AUSTERMANN, TOBIAS**
- 7)FLAKUS, SILKE**
- 8)MACK, HELMUT**

**(57) Abstract :**

The invention relates to a process for the preparation of metal nanoparticles, selected from the group consisting of lead, bismuth, zinc, antimony, indium, gold, nickel, cobalt, palladium, platinum, iridium, osmium, rhodium, ruthenium, rhenium, vanadium, chromium, manganese, niobium, molybdenum, tungsten, tantalum, cadmium, silver and/or copper, on a rotating body, characterized in that a reduction of corresponding metal salts, corresponding metal salt complexes, corresponding metal hydroxides and/or corresponding metal oxides by polyols having a number of hydroxyl groups in the polyol of 1 to 10 and a molecular weight of the polyols of 2000 to 18 000 Da is effected.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2011

(21) Application No.1163/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : KEY MANAGEMENT IN A COMMUNICATION NETWORK□

(51) International classification	:H04L29/06, H04L9/08	(71) <b>Name of Applicant :</b> <b>1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)</b> Address of Applicant :SE-164 83 Stockholm Sweden
(31) Priority Document No	:61/097,382	(72) <b>Name of Inventor :</b>
(32) Priority Date	:16/09/2008	<b>1)BLOM Rolf</b>
(33) Name of priority country	:U.S.A.	<b>2)LINDHOLM Fredrik</b>
(86) International Application No	:PCT/EP2009/052967	<b>3)N.,SLUND Mats</b>
Filing Date	:13/03/2009	<b>4)NORRMAN Karl</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus for key management in a communication network. A Key Management Server (KMS) receives from a first device a request for a token associated with a user identity, the user identity being associated with a second device. The KMS then sends the requested token and a user key associated with the user to the first device. The KMS subsequently receives the token from the second device. A second device key is generated using the user key and a modifying parameter associated with the second device. The modifying parameter is available to the first device for generating the second device key. The second device key is then sent from the KMS to the second device. The second device key can be used by the second device to authenticate itself to the first device, or for the first device to secure communications to the second device.

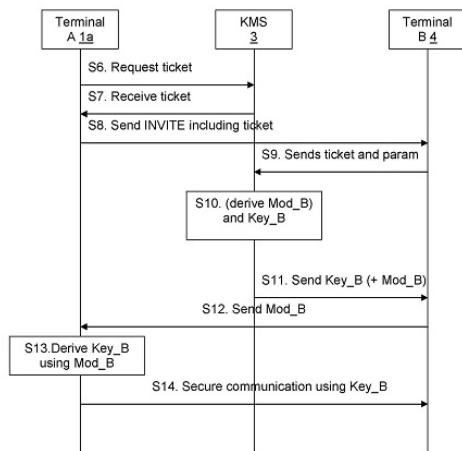


Figure 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2011

(21) Application No.1139/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHOD FOR ACQUIRING SYSTEM INFORMATION, COMMUNICATION SYSTEM, AND MOBILE TERMINAL

(51) International classification	:H04W8/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:200810146260.4	<b>1)Huawei Technologies Co. Ltd.</b>
(32) Priority Date	:14/08/2008	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2009/072931	China.
Filing Date	:27/07/2009	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)WANG Jiyong</b>
(61) Patent of Addition to Application Number	:NA	<b>2)ZHAO Yang</b>
Filing Date	:NA	<b>3)YU Yongjun</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for acquiring system information is provided in the embodiments of the present invention. The method is used to acquire the system information of a cell, wherein, the method comprises the steps of: performing synchronization between a mobile terminal in a dedicated mode and a mobile communication system cell; determining the broadcast time of the Main Information Block(MIB) according to the result of the synchronization; acquiring the corresponding MIB according to the determined broadcast time of MIB. A communication system and a mobile terminal are also provided in the embodiments of the present invention. The system information of the cell can be acquired by means of the embodiments of the present invention.

No. of Pages : 46 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2011

(21) Application No.1162/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : PHARMACEUTICAL PRODUCT COMPRISING A MUSCARINIC RECEPTOR ANTAGONIST AND A SECOND ACTIVE INGREDIENT□

(51) International classification	:A61K31/439, A61K31/438	(71) <b>Name of Applicant :</b> <b>1)ASTRAZENECA AB</b> Address of Applicant :S-SE-151 85 Sdertlje Sweden
(31) Priority Document No	:0814729.0	(72) <b>Name of Inventor :</b>
(32) Priority Date	:12/08/2008	<b>1)AVITABILE Barbara Guisepina</b>
(33) Name of priority country	:U.K.	<b>2)NADIN, Alan John</b>
(86) International Application No Filing Date	:PCT/SE2009/050924 :11/08/2009	<b>3)RAY Nicholas Charles</b>
(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 :

The invention provides a pharmaceutical product, kit or composition comprising a first active ingredient which is a selected muscarinic receptor antagonist, and a second active ingredient which is selected from a phosphodiesterase inhibitor, a modulator of chemokine receptor function, an inhibitor of kinase function, a protease inhibitor, a steroid glucocorticoid receptor agonist, a non-steroidal glucocorticoid receptor agonist and a purinoceptor antagonist, of use in the treatment of respiratory diseases such as chronic obstructive pulmonary disease and asthma.

No. of Pages : 54 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2011

(21) Application No.1170/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : AUTOMATIC CLEANING AIR IDLER

(51) International classification	:B41F35/00, B41F13/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/US2008/079594 :10/10/2008
(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

(71)Name of Applicant :

**1)HEWLETT-PACKARD DEVELOPMENT COMPANY  
L.P.**

Address of Applicant :11445 Compaq Center Drive West  
Houston TX 77070 USA.

(72)Name of Inventor :

**1)Timothy BOUMA  
2)Timothy SOUZA**

(57) Abstract :

A system and method for self cleaning an air idler are provided. An air idler non-contactingly guides printable media using a flow of fluid through a porous surface portion. Rotation of the air idler results in rubbing contact with one or more wipers, during which debris is removed from the porous surface portion. A cleaning solution is used to remove ink and/or paper residue from the porous surface portion. The cleaning solution can wet one or more of the wipers. The cleaning solution can circulate through a reservoir disposed in contact with a portion of the air idler. [FIG. 1]

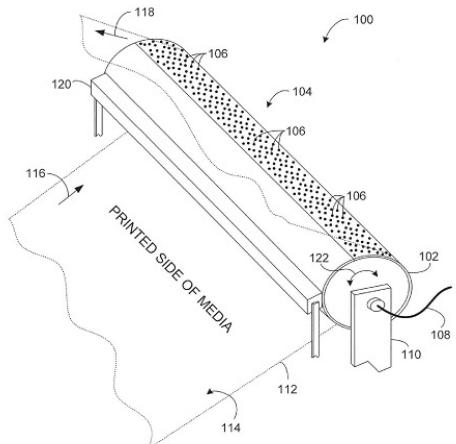


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2011

(21) Application No.1209/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : System and Method for Acknowledgement Packet Transmitting and Receiving

(51) International classification	:H04L1/16, H04L1/18	(71) <b>Name of Applicant :</b> <b>1)QUALCOMM Incorporated</b> Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 USA.
(31) Priority Document No	:61/098,606	
(32) Priority Date	:19/09/2008	
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/US2009/032262	<b>1)JIA Zhanfeng</b>
Filing Date	:28/01/2009	<b>2)TIAN Qingjiang</b>
(87) International Publication No	: NA	<b>3)JULIAN David Jonathan</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A communications method comprising the steps of receiving a data packet; processing the data packet; and transmitting an ack packet approximately at an end of a first defined time interval if the processing of the data packet is completed within the first defined interval, or transmitting the ack packet approximately at an end of a second defined time interval if the processing of the data packet is not completed within the first defined interval and is completed within the second defined interval. Another communication method comprising the steps of transmitting a data packet; scanning a channel for an ack packet approximately at an end of a first defined time interval from the transmission of the data packet; and scanning the channel for the ack packet approximately at an end of a second defined time interval from the transmission of the data packet if the ack packet was not received within the first defined interval.

No. of Pages : 35 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1229/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : COVER WITH DEVICE ACTUATION FEATURE

---

(51) International classification	:A61M5/142
(31) Priority Document No	:PA200801261
(32) Priority Date	:10/09/2008
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/EP2009/061738
Filing Date	:10/09/2009
(87) 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)Novo Nordisk A/S

Address of Applicant :Novo All 2880 Bagsværd Denmark

(72)Name of Inventor :

1)Røvig Simon

(57) Abstract :

The invention provides an assembly comprising a cover and a device arranged fully or partly in the cover. The device comprises a first portion, and a second portion moveable relative to the first portion between an initial and an actuated position, and the cover comprises a cavity portion and a closure portion which together form an enclosure in which the device is arranged initially. Movement of the closure portion from an initial position in a first direction results in the second portion of the device being moved in a second direction between the initial and the actuated position, the first direction being different from the second direction. By this arrangement it is possible to provide a cover-device assembly which is easy and intuitive to use and open and at the same time ensures that the enclosed device is actuated correctly.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.1081/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND APPARATUS FOR ADDRESS BOOK UPDATES

(51) International classification	:G06F17/30
(31) Priority Document No	:61/083,130
(32) Priority Date	:23/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/006312
Filing Date	:22/07/2009
(87) 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)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo  
Finland

(72)Name of Inventor :

1)Miraj Mostafa

(57) Abstract :

A method comprises receiving an indication of a list of contacts in an address book to receive an automatic update; submitting a subscription request for the contacts; receiving updates for contact information for the subscribed contacts; and synchronizing the updates with the address book, wherein the synchronizing includes synchronizing only the updated contacts. Figure. 1

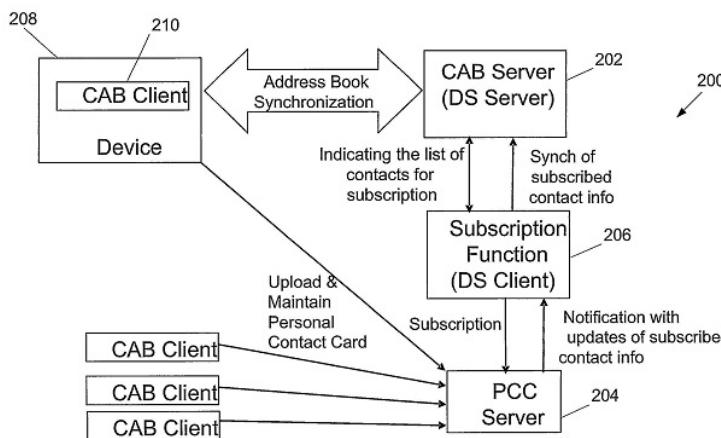


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2011

(21) Application No.1133/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : Light Collection Device with Prismatic Light Turning Features

(51) International classification	:F21V8/00
(31) Priority Document No	:61/093,678
(32) Priority Date	:02/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/055533
Filing Date	:01/08/2009
(87) 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)QUALCOMM MEMS Technologies Inc.**

Address of Applicant :5775 Morehouse Drive San Diego CA  
92121 USA.

(72)**Name of Inventor :**

**1)KHAZENI Kasra**

**2)KOTHARI Manish**

**3)XU Gang**

**4)BITA Ion**

**5)NARAYANAN K. S.**

(57) Abstract :

A light collection device includes a light guide body (180) and a plurality of spaced-apart slits (100). The slits (100) are formed by undercuts in the light guide body (180). Sides of the slits (100) form facets that redirect light impinging on the facets (100). In some embodiments, the light collection body (180) is attached to a photovoltaic cell (200). Light impinging on the light collection body is redirected towards the photovoltaic cell (200) by the slits (100). The photovoltaic cells (200) convert the light into electrical energy.

No. of Pages : 43 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2011

(21) Application No.1165/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : AZACITIDINE PROCESS AND POLYMORPHS

---

(51) International classification	:C07D405/04, A61K31/53
(31) Priority Document No	:1854/CHE/2008
(32) Priority Date	:01/08/2008
(33) Name of priority country	:India
(86) International Application No Filing Date	:PCT/US2009/052376 :31/07/2009
(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

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**2)Dr. Reddy™s Laboratories Inc.**

(72)Name of Inventor :

**1)Cherukupally Praveen**

**2)Vujjini Satish Kumar**

**3)Varanasi Ganesh**

**4)Kandala Sreenadha Charyulu**

**5)Areveli Srinivas**

**6)Tirumalaraju Satyanarayana Raju**

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(57) Abstract :

Processes for preparing azacitidine. Further included are processes for the preparation of crystalline azacitidine crystalline Form (I) and mixtures of azacitidine crystalline Forms (I) and (II).

No. of Pages : 43 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/02/2011

(21) Application No.1166/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : EVENT MANAGEMENT SYSTEM FOR CREATING A SECOND EVENT

(51) International classification	:H04N7/15
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2008/077898
Filing Date	:26/09/2008
(87) 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 :

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(72)Name of Inventor :

- 1)Ted BEERS**
- 2)Jon A. BREWSTER**
- 3)Michael D. DEROCHER**
- 4)Mark E. GORZYNSKI**
- 5)Lonnie D. MANDIGO**
- 6)April S. MITCHELL**
- 7)Kenton OHARA**

(57) Abstract :

An event management system is configured to host a first event that includes a first set of event endpoints that provides first and second sets of media streams to respective first and second sets of attendees during the first event. The event management system is configured to, while hosting the first event, create a second event that includes a second set of event endpoints that provide a third set of media streams to at least one of the first set of attendees and a fourth set of media streams during the second event. At least one of the second set of event endpoints is sufficiently separated from each of the first set of event endpoints so that the second event does not substantially interfere with the first event. (Figure 4)

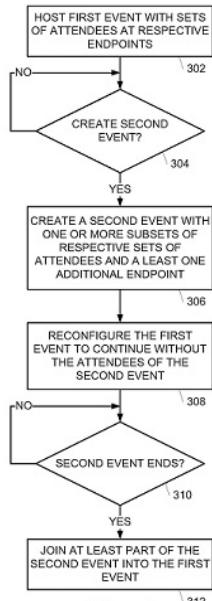


Fig. 4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/02/2011

(21) Application No.1167/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : APPARATUS AND METHODS FOR CONTROLLING AN IDLE MODE IN A WIRELESS DEVICE

(51) International classification	:H04W52/02
(31) Priority Document No	:61/096,718
(32) Priority Date	:12/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/056745
Filing Date	:11/09/2009
(87) 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 :**

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5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)**Name of Inventor :**

**1)GOROKHOV Alexei Y.**

**2)PALANKI Ravi**

**3)KADOUS Tamer A.**

**4)ULUPINAR Fatih**

---

(57) Abstract :

Apparatus and methods are disclosed for control of an idle mode in a wireless device. In particular, the idle mode duty cycle of a preamble transmission by an access point (AP), as an example, is variably or adaptively set in response to determined conditions of the wireless neighborhood. The conditions determined include the whether or not other wireless devices are present in the vicinity of sensing wireless device, as well as the state of those devices present, such as whether they are in an idle mod or an active mode.

No. of Pages : 43 No. of Claims : 69

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2011

(21) Application No.1202/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : PREPARATION OF RANOLAZINE

(51) International classification	:C07D233/02, A61K31/495	(71)Name of Applicant : <b>1)Dr. Reddys Laboratories Limited</b> Address of Applicant :7-1-27 Ameerpet Hyderabad Andhra Pradesh India
(31) Priority Document No	:2107/CHE/2008	<b>2)Dr. Reddys Laboratories Inc.</b>
(32) Priority Date	:28/08/2008	(72)Name of Inventor : <b>1)Anumula Raghupathi Reddy</b>
(33) Name of priority country	:India	<b>2)Gilla Goverdhan</b>
(86) International Application No Filing Date	:PCT/US2009/055367 :28/08/2009	<b>3)Aalla Sampath</b>
(87) International Publication No	: NA	<b>4)Madivada Lokeshwara Rao</b>
(61) Patent of Addition to Application Number	:NA	<b>5)Macherla Prabhaker</b>
Filing Date	:NA	<b>6)Kurella Srinivas</b>
(62) Divisional to Application Number Filing Date	:NA	<b>7)Charagondla Kavitha</b>
		<b>8)Kasula Ramamurthy</b>
		<b>9)Mandadapu Rajagopala Rao</b>
		<b>10)Charagondla Krishniah</b>
		<b>11)Vakamulla Malati</b>
		<b>12)Bhavanipurapu Janaki Durga Prasad</b>

(57) Abstract :

Processes for the preparation of ranolazine and intermediates thereof, and pharmaceutical compositions comprising razolazine

No. of Pages : 78 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/02/2011

(21) Application No.1228/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR TREATING HYPERTENSION AND METABOLIC SYNDROME AND USE THEREOF□

(51) International classification	:A61K31/4178, A61K31/41	(71) <b>Name of Applicant :</b> <b>1)LUNAN PHARMACEUTICAL GROUP CORPORATION</b> Address of Applicant :No. 209 Hongqi Road Linyi City Shandong Province 276006 China
(31) Priority Document No	:200810133757.2	
(32) Priority Date	:24/07/2008	
(33) Name of priority country	:China	
(86) International Application No	:PCT/CN2009/000823	(72) <b>Name of Inventor :</b>
Filing Date	:23/07/2009	<b>1)Zhiquan ZHAO</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a pharmaceutical composition comprising the following active ingredients: 1) an angiotensin II receptor antagonist or a pharmaceutically acceptable salt thereof, 2) pioglitazone or a pharmaceutically acceptable salt thereof; and 3) rosuvastatin or a pharmaceutically acceptable salt thereof. The present invention also provides use of the pharmaceutical composition in preparing a medicament for treating hypertension or metabolic syndrome. The pharmaceutical composition of the present invention can treat hypertension or metabolic syndrome, while effectively controlling the incidence of associated cardiovascular diseases and more potently improving survival prognosis in hypertensive patients. When blood pressure is lowered to desired level, the risk factors such as cardiovascular diseases are rectified, metabolic disorders and prognosis of patients are improved, and survival rate of hypertensive patients is raised.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2011

(21) Application No.1164/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : THE AN3 PROTEIN COMPLEX AND ITS USE FOR PLANT GROWTH PROMOTION□

(51) International classification	:C12N15/82, A01H5/00
(31) Priority Document No	:61/190,543
(32) Priority Date	:29/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/061206
Filing Date	:31/08/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

**1)DE JAEGER Geert**

**2)VERKEST Aurine**

**3)INZ%o Dirk**

(57) Abstract :

The present invention relates to an AN3-based protein complex. It relates further to the use of the complex to promote plant growth, and to a method for stimulating the complex formation, by overexpressing at least two member of the complex.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2011

(21) Application No.1204/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : MAINTAINING DATA INTEGRITY IN DATA SERVERS ACROSS DATA CENTERS

(51) International classification	:G06F11/20, G06F11/14
(31) Priority Document No	:12/185,863
(32) Priority Date	:05/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2009/059931 :01/07/2009
(87) 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 :

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Address of Applicant :New Orchard Road Armonk New York 10504 USA.

(72)Name of Inventor :

**1)JINMEI SHEN  
2)HAO WANG**

(57) Abstract :

A method, computer program product and system for maintaining data integrity of multiple copies of a piece of data in data servers of multiple data centers, includes maintaining a cluster of catalog servers, where one of the catalog servers is selected as the master catalog server, storing the piece of data in a primary data server chosen from the data servers, duplicating the piece of data to one or more backup data servers chosen from the data servers, recording a data state information to the master catalog server, duplicating the data state information to the cluster of catalog servers, and updating the data servers and the cluster of catalog servers when the primary data server fails.

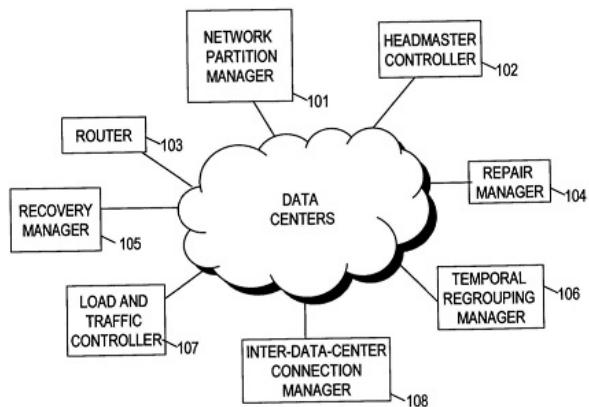


FIG. 1

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2011

(21) Application No.1205/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : INTERFERENCE MANAGEMENT IN A MULTI-CARRIER COMMUNICATION SYSTEM

(51) International classification	:H04W16/10
(31) Priority Document No	:61/096,929
(32) Priority Date	:15/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/057018
Filing Date	:15/09/2009
(87) 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)QUALCOMM Incorporated**

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(72)**Name of Inventor :**

**1)DAMNJANOVIC Jelena M.**

**2)MONTOJO Juan**

**3)BHUSHAN Naga**

---

(57) Abstract :

Systems and methodologies are described that facilitate assigning carriers to access points based on power class. Devices can accordingly evaluate cells provided by the access points to select a cell with an optimal SNR or path loss for communication regardless of power class, since lower powered cells will not be interfered by higher powered cells communicating over different carriers. Cross-carrier operation is also provided where access points can transmit downlink signals according to carrier assignment information while receiving uplink signals over other carriers. Thus, once an optimal cell is determined, downlink control data can be received over the assigned carrier to ensure receipt without interference, but uplink transmissions can occur over multiple carriers to facilitate increased throughput using one or more reuse schemes.

No. of Pages : 56 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2011

(21) Application No.1206/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : Method and Apparatus for Managing a New Data Indicator in a Wireless Communication System

(51) International classification	:H04L1/18
(31) Priority Document No	:61/095,676
(32) Priority Date	:10/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/056547
Filing Date	:10/09/2009
(87) 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 :**

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(72)**Name of Inventor :**

**1)HO Sai Yiu Duncan**

**2)MEYLAN Arnaud**

---

(57) Abstract :

Systems and methodologies are described herein that facilitate techniques for managing respective original transmissions and re-transmissions of information within a wireless communication system. Various mechanisms are described herein for processing a new data indicator (NDI) associated with respective transmissions conducted for one or more Hybrid Automatic Repeat Request (HARQ) processes. For example, for a HARQ process shared between distinct scheduling schemes, an NDI associated with a latter transmission can be regarded as toggled irrespective of the value of the NDI upon recognizing that a utilized scheduling scheme (e.g., as indicated via a radio network temporary identifier (RNTI) or the like) has changed between successive transmissions (e.g., from semi-persistent scheduling to dynamic scheduling), thereby allowing processing of the latter transmission as a transmission of new data. As additionally described herein, various techniques are described herein for NDI processing in the case of uplink grant and downlink assignment transmission

No. of Pages : 46 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1256/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : USE OF INPAINTING TECHNIQUES FOR IMAGE CORRECTION

(51) International classification	:G06T5/00, H04N7/26
(31) Priority Document No	:08161240.0
(32) Priority Date	:28/07/2008
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2009/053167 :22/07/2009
(87) 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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1)BERRETTY Robert-Paul M.

2)MAGALHAES Jose P.

3)KLEIN GUNNEWIEK Reinier B. M.

4)BARENBRUG Bart G. B.

5)SHAO Ling

(57) Abstract :

A method of processing an image signal comprising image and depth information is provided. The method is configured to perform segmentation on an image based on depth/disparity information present in the image signal comprising said image, and subsequently inpaint background for correction of the errors in the image around the foreground objects into a region that extends beyond the segment boundary of the foreground object and/or inpaint foreground for correction of errors in the image into a region that extends inside the segment boundary of the foreground object. In this way compression and other artifacts may be reduced. Fig. 2

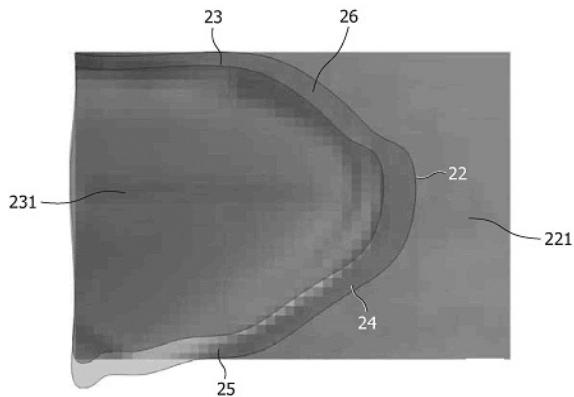


FIG. 2

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/02/2011

(21) Application No.1168/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : COMMON MODE AND UNIFIED FRAME FORMAT FOR DIFFERENT TRANSMISSION SCHEMES

(51) International classification	:H04L27/26, H04B1/40
(31) Priority Document No	:61/095,509
(32) Priority Date	:09/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/056269 :08/09/2009
(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

(71)Name of Applicant :

1)QUALCOMM Incorporated

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5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)Name of Inventor :

1)LAKKIS Ismail

(57) Abstract :

Certain aspects of the present disclosure relate to a method for generating a frame structure that can be used with multiple transmission schemes, such as a Single Carrier (SC) transmission scheme and an Orthogonal Frequency Division Multiplexing (OFDM) transmission scheme.

No. of Pages : 48 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2011

(21) Application No.1207/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : PHYSICAL RANDOM ACCESS CHANNEL (PRACH) TRANSMISSION IN MULTICARRIER OPERATION

(51) International classification	:H04W72/02
(31) Priority Document No	:61/096,602
(32) Priority Date	:12/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/056726
Filing Date	:11/09/2009
(87) 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 :**

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**1)DAMNJANOVIC Jelena M.**

**2)MONTOJO Juan**

**3)GAAL Peter**

**4)CHEN Wanshi**

**5)HO Sai Yiu Duncan**

---

**(57) Abstract :**

Systems and methodologies are described that facilitate selecting an uplink carrier for random access within a wireless environment having multiple carriers. Selection of an uplink carrier for random access can be randomly selected from a set of available uplink carriers. Additionally, the uplink carrier for random access can be selected based upon which uplink carrier is paired with an anchor carrier. Further, the uplink carrier for random access can be identified based upon a bandwidth related to the user equipment (UE). Reference signals can also be employed in order to identify an uplink carrier to perform random access.

No. of Pages : 59 No. of Claims : 73

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2011

(21) Application No.1208/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHOD AND APPARATUS OF TELECOMMUNICATIONS

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(51) International classification	:H03M7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2008/071936
Filing Date	:08/08/2008
(87) 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 :

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China.

(72)Name of Inventor :

1)BERGGREN Fredrik

(57) Abstract :

The present invention relates to telecommunications, and particularly, to technology of generating codewords and determining an information symbol from a codeword for transmission in a telecommunication system. The method and apparatus provided by the embodiments of the invention allow up to a maximum number of codewords to be generated given the code alphabet size. Embodiments of the invention also provide method and apparatus for determining an information symbol from a codeword.

No. of Pages : 44 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1254/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : A MEDIUM ACCESS CONTROL FORWARDING PROTOCOL

(51) International classification	:H04W40/22
(31) Priority Document No	:61/084067
(32) Priority Date	:28/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/052973
Filing Date	:08/07/2009
(87) 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 :

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(72)Name of Inventor :

1)ZHAI Hongqiang

(57) Abstract :

A method (300) for improving quality of service of a wireless link between a source device and a destination device by forwarding frames on an alternate path between the source device and destination device. The method comprises selecting by the source device at least one forwarding device to be included on the alternate forwarding path; constructing a medium access control (MAC) forwarding frame (200) to include at least an address of the at least one forwarding device (S310); and transmitting the MAC forwarding frame to a forwarding device next to the source device (S320). Fig.1

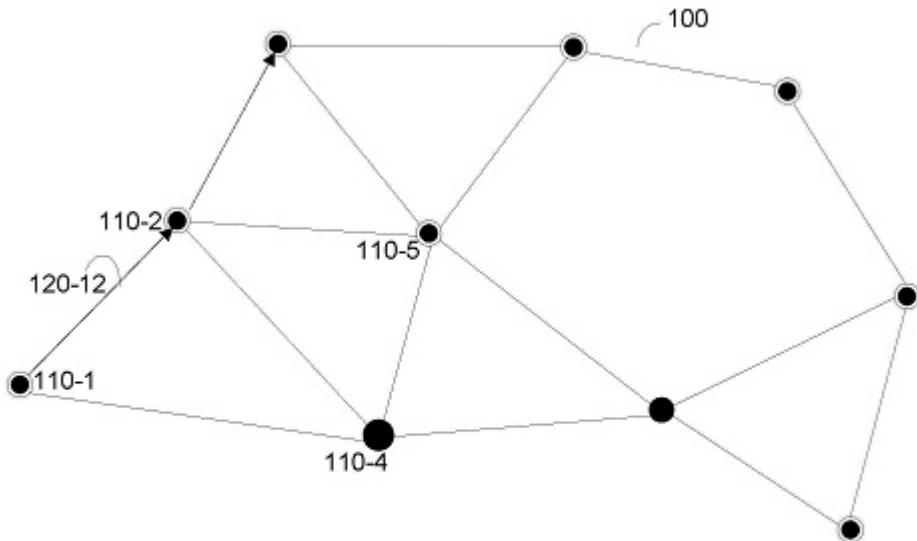


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1255/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : A METHOD FOR DISCOVERING HIGH THROUGHPUT ROUTES IN WIRELESS MESH NETWORKS

(51) International classification	:H04W40/02, H04L12/56	(71) <b>Name of Applicant :</b> <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS
(31) Priority Document No	:61/084709	
(32) Priority Date	:30/07/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/IB2009/052977 :08/07/2009	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method (300) for discovering a route between a source node and a destination node in mesh wireless media (WiMedia) based networks. The method comprises upon receiving a route request (RREQ) by an intermediate node between the source node and the destination node, saving, in the RREQ, at least the identification (ID) number of the intermediate node and a transmission channel rate of a link on which the RREQ is received on(S320); computing a new route price (S330); determining if the new route price is larger than a price included in the received RREQ (S340); updating the received RREQ to include the new route price when the new route price is larger than the route price in the received RREQ (S350); and forwarding the updated RREQ to one or more neighbors of the intermediate node (S370). Fig. 3

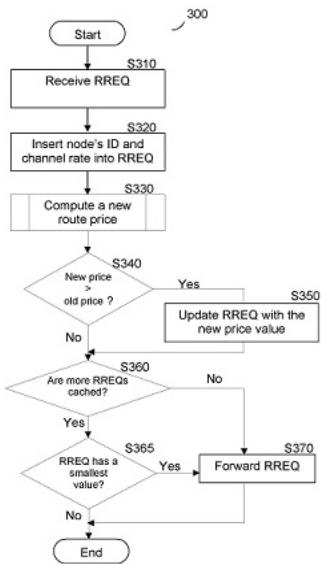


Figure 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1258/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : A GROUP SHARED DISTRIBUTED RESERVATION PROTOCOL

(51) International classification	:H04W28/26
(31) Priority Document No	:61/084071
(32) Priority Date	:28/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/052975
Filing Date	:08/07/2009
(87) 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 :

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EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)ZHAI Hongqiang

(57) Abstract :

A method (400) for creating a group shared distributed reservation in a wireless network. The method comprises collecting information about the distributed reservation availabilities of devices in the wireless network (S410); selecting a group of shared devices to be included in the group shared distributed reservation based on the collected information (S420); sending a reservation request to each device in the group of shared devices (S430); and updating the group of shared devices to include only devices that accept the reservation request (S460), thereby creating a group shared distributed reservation of medium access time slots. Fig.5

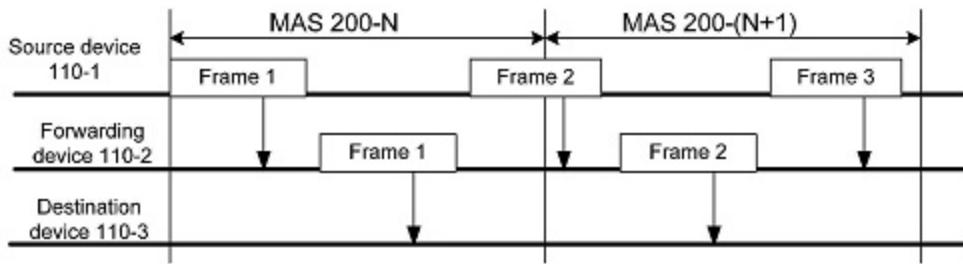


Figure 5

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1259/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : AUDIO SYSTEM AND METHOD OF OPERATION THEREFOR

(51) International classification	:H04S3/00
(31) Priority Document No	:08161257.4
(32) Priority Date	:28/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/053206
Filing Date	:23/07/2009
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)BERGERE Julien L.

(57) Abstract :

An audio system receives a multi-channel signal which is fed to a controller (121) that generates a first drive signal for a first sound emitter (111) by combining signals of a plurality of the channels. The first drive signal has a signal component contribution from a first bandwidth of each channel of the multi-channel signal. The multi-channel signal is also fed to another controller (115) which generates second drive signals for second sound emitters (101-109). The second drive signals are generated from a single channel signals of the multi-channel signal and in a second bandwidth having a lower cut-off frequency which is above 950Hz for a 3dB gain attenuation relative to an average gain for a frequency band extending 1kHz above the lower cut-off frequency and higher than a lower cut-off frequency of the first bandwidth. Fig. 1

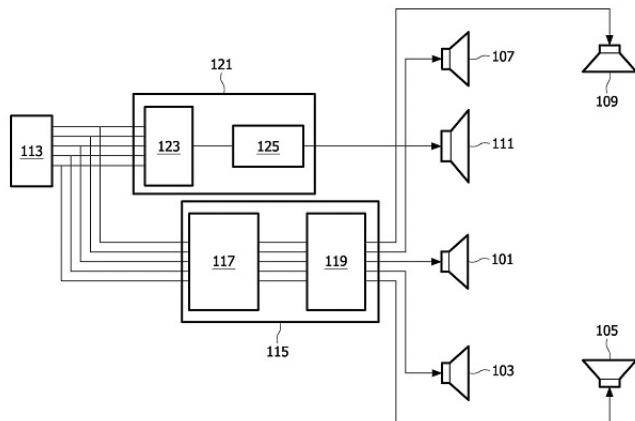


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1265/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : TECHNIQUES FOR ENABLING COMPATIBILITY OF ULTRA WIDEBAND DEVICES

(51) International classification	:H04W60/00
(31) Priority Document No	:61/084711
(32) Priority Date	:30/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/052979
Filing Date	:08/07/2009
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.  
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(72)Name of Inventor :

1)Zhai Hongqiang  
2)Chen Richard  
3)Chou Chun-Ting

(57) Abstract :

A method (200) for enabling compatibility of wireless devices having different regulation settings. The method comprises upon initialization of a wireless device, scanning a predefined common channel (S220); forming a WiNet service set (WSS) by wireless devices communicating over the predefined common channel (S230); upon switching of the wireless devices in the WSS to a channel other than the predefined common channel, checking if a new wireless device attempts to join the WSS (S240, S250); and adding the new wireless device to the WSS if such attempt was detected (S290). Fig.2

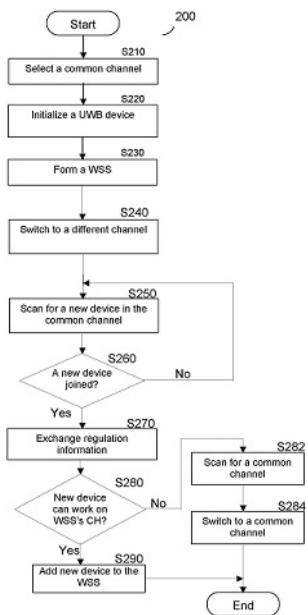


Figure 2

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1274/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : CONTROLLING DATA FLOW THROUGH A DATA COMMUNICATIONS LINK

(51) International classification	:H04L12/56
(31) Priority Document No	:12/184,541
(32) Priority Date	:01/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/059742
Filing Date	:28/07/2009
(87) 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)International Business Machines Corporation

Address of Applicant :New Orchard Road Armonk New York 10504 USA.

(72)Name of Inventor :

1)BAUMAN Ellen

2)SCHIMKE Timothy

3)SENDELBACH Lee

(57) Abstract :

Controlling data flow through a data communications link, the link operating according to a data communications protocol in which a receiver of data communications on the link can suspend data communications on the link for a period of time determined by the receiver, including specifying for the sender a duration for flow control periods; specifying for the sender a number of corrupt communications control packets to be transmitted from the sender to the receiver during a flow control period; determining by the sender whether a flow control message is received from the receiver during a flow control period; altering, in dependence upon whether a flow control message is received from the receiver during a flow control period, the number of corrupt communications control packets; and transmitting, among normal data communications during a subsequent flow control period, the altered number of corrupt communications control packets from the sender to the receiver.

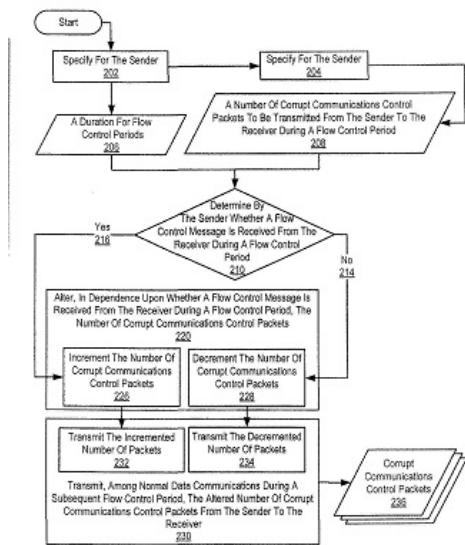


FIG. 2

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1257/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : A PANEL DISPLAY SUSPENSION SYSTEM AND A PANEL DISPLAY PROVIDED WITH A PANEL DISPLAY SUSPENSION SYSTEM

(51) International classification	:F16M11/10, A47B95/00
(31) Priority Document No	:08161245.9
(32) Priority Date	:28/07/2008
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2009/053197 :23/07/2009
(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

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)DELVA Pieter J.

2)VERDIN Maxime L. M. J.

(57) Abstract :

A panel display suspension system comprising a first mounting part and a second mounting part. In order to be able to easily adjust the horizontal position of a suspended panel display (7) the first mounting part is provided with a supporting rail-shaped body (1) and the second mounting part is provided with supporting movers (3) for cooperation with the rail-shaped body. One of the mounting parts is configured for securing to the panel display and the other mounting part is configured for securing to a wall. Fig. 1

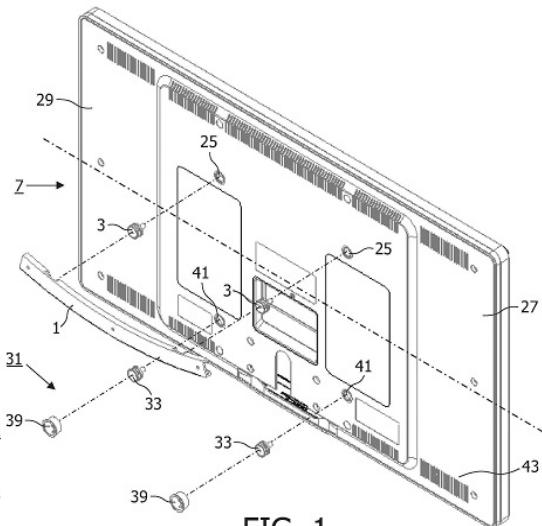


FIG. 1

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1262/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : STEAM IRON

(51) International classification	:D06F75/10
(31) Priority Document No	:08161511.4
(32) Priority Date	:31/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/053248
Filing Date	:24/07/2009
(87) 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 :

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(72)Name of Inventor :

1)ONG Chee K.

(57) Abstract :

Steam irons with a steam valve that is controlled by an intuitively operated, usually pivotable handle may not provide consistent steam ironing behaviour due to the fact that the force exerted on the handle by the user may change over time. To overcome or mitigate the problem, the present invention provides a steam iron (1), comprising a by-pass (9) around the handle-operated valve (7). The by-pass allows a relatively small but continuous water stream to be transported from a water reservoir (6) to steam outlet openings (12) in the soleplate (11) of the iron. Consequently, subject to an ample supply of water, the steam iron provides a minimum of steam ironing comfort throughout a steam ironing session.

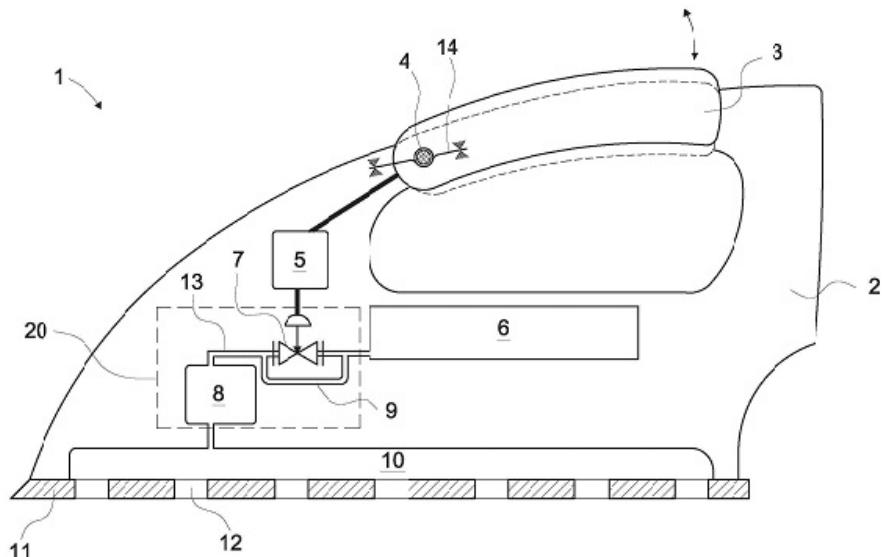


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1263/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : A METHOD AND APPARATUS FOR GENERATING AN IMAGE COLLECTION

(51) International classification	:G06F17/30
(31) Priority Document No	:08161334.1
(32) Priority Date	:29/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/053066
Filing Date	:15/07/2009
(87) 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 :

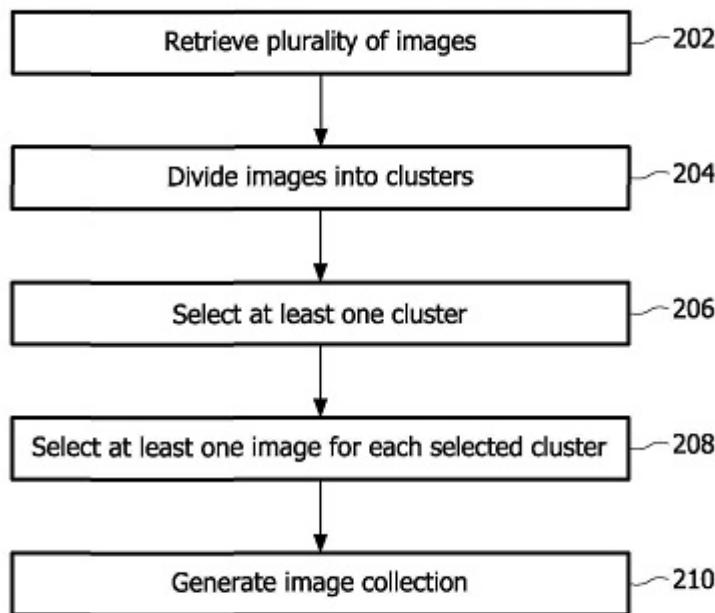
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)PETERS Marc Andre

(57) Abstract :

A method of generating an image collection is described. A plurality of images are retrieved (step 202) and the images are divided into clusters according to a predetermined characteristic of the content of the images (step 204). At least one of the clusters is selected based on a number of images in each cluster (step 206). For each selected cluster, at least one image is selected on the basis of a predetermined criterion (step 208) and an image collection comprising the selected images is generated (step 210). Fig. 2



**FIG. 2**

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1264/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : SYSTEM AND METHOD FOR COMMUNICATING INFORMATION BETWEEN IMPLANTABLE DEVICES

(51) International classification	:A61B5/00, A61N1/372
(31) Priority Document No	:08161331.7
(32) Priority Date	:29/07/2008
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2009/053165 :22/07/2009
(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

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.  
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(72)Name of Inventor :

1)MARTENS Hubert Cecile Francois  
2)BUDZELAAR Franciscus Paulus Maria.  
3)TOL Jeroen Jacob Arnold

(57) Abstract :

A system (2000) for communicating information between at least two medical devices implanted within the body of a subject using volume conduction of electrical signals as a means of communication and wherein one of the implanted medical devices is configured to provide electrical stimulation to the tissue is disclosed. The system comprises a first implant device (202) having at least two transmit electrodes (204, 206) configured to transmit electrical stimulation pulses, wherein one of the electrodes may be a common return electrode, an encoding means (240) configured to employ a channel as a transmission medium for stimulation pulses and encoding the information into the stimulation pulses, a second implant device (252) having at least two receive electrodes (254, 256) Fig.2a

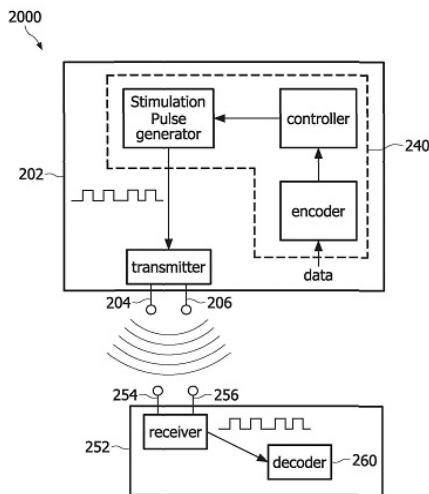


FIG. 2a

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1273/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SYSTEMS, DEVICES, AND METHODS FOR TRAINING SEQUENCE TRANSMISSION AND RECEPTION

(51) International classification	:H04B7/212, H04B7/005
(31) Priority Document No	:61/089,712
(32) Priority Date	:18/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2009/001149 :18/08/2009
(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

(71)**Name of Applicant :**

**1)Research In Motion Limited**

Address of Applicant :295 Phillip Street Waterloo Ontario N2L 3W8 Canada.

(72)**Name of Inventor :**

- 1)XIN Yan**
- 2)WU Huan**
- 3)QU Shouxing**

(57) Abstract :

A training sequence helps optimize SNR degradation in a wireless communication. Various sets of training sequences may be stored in a repository, and transmitters and receivers encoded with such sequences transmit at least one of the sequences between them as part of the wireless transmission of data.

No. of Pages : 57 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1260/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : DEVICE WITH LIGHT-EMITTING DIODE CIRCUITS

(51) International classification	:H05B33/08
(31) Priority Document No	:08104922.3
(32) Priority Date	:30/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/053178
Filing Date	:22/07/2009
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)RADERMACHER Harald J. G.

(57) Abstract :

Devices (1) have branches (20,30) for receiving AC voltages. First branches (20) comprise first light-emitting diode circuits (21) and first arrangements for phase-shifting first currents flowing through the first light-emitting diode circuits (21) with respect to the AC voltages. Second branches (30) comprise second light-emitting diode circuits (31) and do not comprise second arrangements for phase-shifting second currents flowing through the second light-emitting diode circuits (31) with respect to the AC voltages. As a result, an overall flicker index of the device (1) will be smaller than individual flicker indices of the light-emitting diode circuits (21,31). The first arrangements may comprise capacitors (22) coupled serially to the first light-emitting diode circuits (21). The branches (20,30) may further comprise resistors (23,33) coupled serially to or forming part of the light-emitting diode circuits (21,31). Fig. 1

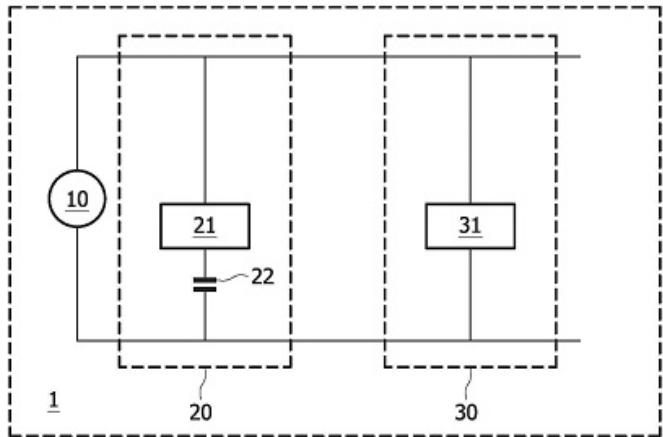


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1261/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : TECHNIQUES FOR MONITORING THE QUALITY OF SHORT-RANGE WIRELESS LINKS

(51) International classification	:H04B17/00
(31) Priority Document No	:61/084062
(32) Priority Date	:28/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/052972
Filing Date	:08/07/2009
(87) 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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(72)Name of Inventor :

1)ZHAI Hongqiang

(57) Abstract :

A method for monitoring of a wireless link quality comprises measuring the link quality of a wireless link (120-XY) between a beacon device (110-X) transmitting a beacon and a beacon device (110-Y) receiving the beacon, wherein the measuring is performed by the receiving device (S320); saving link quality measures in a local neighborhood link quality (LNLQ) table (400) maintained by the receiving device (110-Y) (S330); and advertising the link quality measures of wireless links by transmitting the measures in beacons (S340). Fig.1

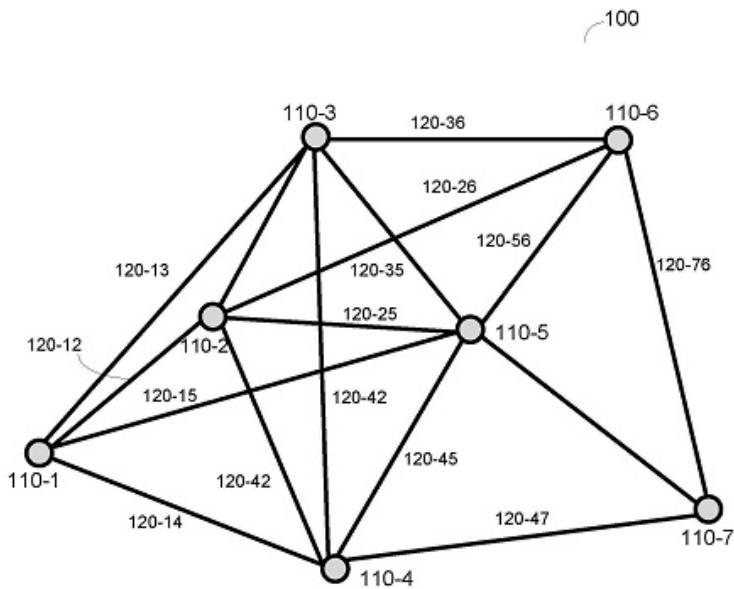


FIG. 1

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1276/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : BEDRAIL CLAMP □

(51) International classification	:E04G3/00
(31) Priority Document No	:61/096,402
(32) Priority Date	:12/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/056818
Filing Date	:14/09/2009
(87) 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)CAREFUSION 2200 INC.

Address of Applicant :3750 Torrey View Court San Diego CA 92130 USA.

(72)Name of Inventor :

1)DOYLE Mark

(57) Abstract :

A quick lock and release clamp mountable onto the bedrail of an operating table, hospital bed, and the like. The clamp includes a body, a foot, and a mouth having at least three sides defined by the body and foot. A biasing member is coupled to at least one of the body and the foot, wherein an actuating member coupled to the biasing member is configured to transmit a force to the mouth via the biasing member. A protrusion extending from the body and towards the foot engages the bedrail, thereby fixing the clamp onto the bedrail, by moving the actuating member in a first direction.

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1277/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND APPARATUS FOR IMPLEMENTING AN OPTICAL INTERFACE WITH A PLURALITY OF VELOCITIES

(51) International classification	:H04B10/08
(31) Priority Document No	:200810133768.0
(32) Priority Date	:24/07/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/072614
Filing Date	:03/07/2009
(87) 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)ZTE CORPORATION

Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan District Shenzhen Guangdong Province 518057 P.R. China

(72)Name of Inventor :

1)FENG LIU

(57) Abstract :

A method and an apparatus for implementing an optical interface with a plurality of velocities are provided, wherein the method, at the receiving side of the optical interface, comprises: recovering clock and data of an input data stream wherein the recovering data is embodied as recovering serial data into parallel data (S202); carrying out velocity detection and data detection on the recovered data stream, and adjusting the system into a normal operation state according to the results of the velocity detection and the data detection (S204); and at the transmitting side of the optical interface comprises: configuring transmission velocity according to the velocity of the system in the normal operation state (S206); and recovering the transmitted data from parallel data to serial data, and transmitting the recovered serial data (S208).

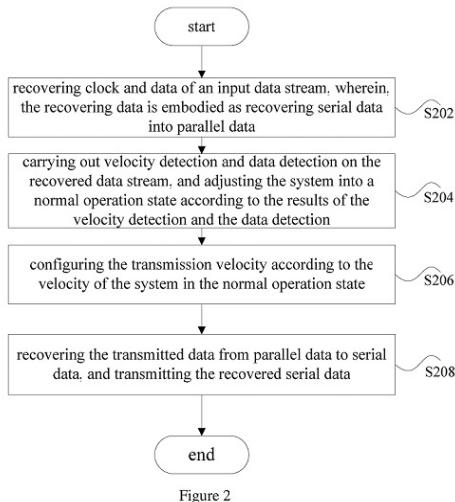


Figure 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2011

(21) Application No.1315/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS AND METHODS FOR PRODUCING LOW IMPURITY CONCENTRATIONS OF THE SAME□

(51) International classification	:A61K31/519, A01N43/90
(31) Priority Document No	:61/085,597
(32) Priority Date	:01/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/052127 :29/07/2009
(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

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**1)MOTHERAM Rajeshwar**

**2)KRISHNA Gopal**

**3)DING Min**

**4)FLOOD Keith**

**5)RAMAKRISHNA Kornepati**

---

(57) Abstract :

A composition having clevidipine as an active ingredient is described. The composition includes clevidipine as an active ingredient and an amount of the impurity H168/79 that is no greater than about 1.5%, or where the ratio between clevidipine and H168/79 is equal or above 60 to 1.

No. of Pages : 36 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1278/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD AND SYSTEM FOR REMOVING CONTAMINANTS

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(51) International classification	:B08B7/00, H01L21/30
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/SG2008/000274 :25/07/2008
(87) 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 :

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Singapore 530558

(72)Name of Inventor :

**1)Sandeep Sharma**

(57) Abstract :

A method and apparatus for removing contaminants from at least one portion of a semiconductor mold are disclosed. A nozzle is positioned at a preset position with respect to the portion of the semiconductor mold. Solid particles of a material that sublimes instantaneously along with at least one of the abrasives and additives are blasted at a predefined temperature and/or pressure over the portion, through the nozzle. On impact, the particles remove the contaminants from the portion of the semiconductor mold.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2011

(21) Application No.1279/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND SYSTEM FOR SIGNAL TRANSMISSION AND RECEPTION

(51) International classification	:H04B7/00
(31) Priority Document No	:1931/CHE/2008
(32) Priority Date	:11/08/2008
(33) Name of priority country	:India
(86) International Application No	:PCT/IN2009/000391
Filing Date	:09/07/2009
(87) 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 :

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1)Kiran Kumar KUCHI

2)Deviraj Klutto Milleth JENISTON

3)Vinod RAMASWAMY

4)Baskaran DHIVAGAR

5)Krishnamurthi GIRIDHAR

6)Bhaskar RAMAMURTHI

7)Padmanabhan Madampu SURYASARMAN

(57) Abstract :

Embodiments herein disclose a digitally precoded SC-FDMA scheme with low PAPR, where the scheme applies a constellation rotation to the M-ary input data sequence, before circularly convolving the rotated data sequence with a polynomial decoder. The data is then transformed to the frequency domain and then mapped. An N-point IFFT is then applied to the data to produce time domain samples.

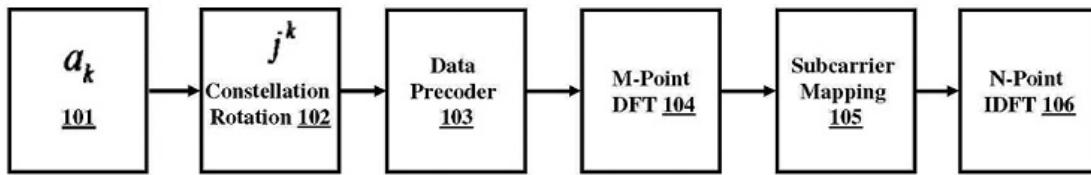


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2011

(21) Application No.1313/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PLANTS HAVING MODIFIED GROWTH CHARACTERISTICS AND A METHOD FOR MAKING THE SAME□

(51) International classification	:C12N15/82, A01H5/00
(31) Priority Document No	:61/085046
(32) Priority Date	:31/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2009/059790 :09/07/2009
(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

(71)**Name of Applicant :**

1)**BASF PLANT SCIENCE GMBH**

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2)**VIB VZW**

3)**UNIVERSITEIT GENT**

(72)**Name of Inventor :**

1)**HIMANEN Kristiina**

2)**VAN LIJSEBETTENS Maria**

3)**REUZEAU Christophe**

4)**BOCCARDI Tommaso Matteo**

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(57) Abstract :

The present invention relates generally to the field of molecular biology and concerns a method for improving various economically important growth characteristics in plants. More specifically, the present invention concerns inter alia a method for modifying growth characteristics in plants by modulating expression in a plant of a nucleic acid encoding a HUB1 (Histone Monoubiquitination 1) polypeptide or encoding another protein useful in the methods of the present invention. The modified growth characteristics comprise a modification of light regulated phenotypes, such as modified circadian clock and/or circadian clock responses, or modified plant architecture.

No. of Pages : 129 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.1321/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SYSTEMS, METHODS, AND COMPUTER READABLE MEDIA FOR TRIGGERLESS MOBILE LOCATION BASED ROUTING / SCREENING

(51) International classification	:H04W40/04, H04W8/02	(71) <b>Name of Applicant :</b> <b>1)Tekleec</b> Address of Applicant :5200 Paramount Parkway Morrisville NC 27560 USA.
(31) Priority Document No	:61/085,666	(72) <b>Name of Inventor :</b>
(32) Priority Date	:01/08/2008	<b>1)MCCANN Thomas M.</b>
(33) Name of priority country	:U.S.A.	<b>2)NAS Petrus Wilhelmus Adrianus Jacobus Maria</b>
(86) International Application No Filing Date	:PCT/US2009/052604 :03/08/2009	<b>3)MARSICO Peter Joseph</b>
(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 :

Methods, systems, and computer readable media for performing triggerless mobile location-based screening and routing are disclosed. According to one aspect, the subject matter described herein includes a method for performing triggerless mobile location-based screening and routing. A telecommunications network element receives a mobility management message associated with a mobile subscriber, extracts from the mobility management message information identifying the mobile subscriber and location information associated with the mobile subscriber, and stores the extracted location information associated with the mobile subscriber. The network element receives a call setup message associated with a call from the mobile subscriber, extracts from the call setup message information identifying the mobile subscriber, retrieves the stored location information associated with the mobile subscriber, and performs a screening or routing function based on the location information associated with the mobile subscriber.

No. of Pages : 42 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.1322/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR THROTTLING TRAFFIC TO AN INTERNET PROTOCOL (IP) NETWORK SERVER USING ALIAS HOSTNAME IDENTIFIERS ASSIGNED TO THE IP NETWORK SERVER WITH A DOMAIN NAME SYSTEM (DNS)

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(51) International classification	:H04L12/56, H04L12/28
(31) Priority Document No	:61/085,389
(32) Priority Date	:31/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/052316 :30/07/2009
(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

**(71)Name of Applicant :**

**1)Tekleec**

Address of Applicant :5200 Paramount Parkway Morrisville NC 27560 USA.

**(72)Name of Inventor :**

**1)CAMPEN Byron**

**2)ROACH Adam B.**

**3)SPARKS Robert J.**

**(57) Abstract :**

Methods, systems, and computer readable media for throttling traffic to an IP network server using alias hostname identifiers assigned to the IP network server with a domain name system are disclosed. One method includes maintaining a plurality of weight values and corresponding alias hostname identifiers for the IP network server that are associated with the IP network server in a DNS system. The method further includes throttling network traffic sent to an IP network server by sending, from the IP network server, messages to nodes that send the traffic to the IP network server, where the messages selectively enable or disable traffic flow to the individual alias hostnames.

No. of Pages : 32 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2011

(21) Application No.1307/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : PRASUGREL BISULFATE, PHARMACEUTICAL COMPOSITION THEREOF, AND USE THEREOF

(51) International classification	:C07D495/04, A61K31/4365
(31) Priority Document No	:200810146101.4
(32) Priority Date	:02/08/2008
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2009/000860 :31/07/2009
(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

(71)Name of Applicant :

1)LUNAN PHARMACEUTICAL GROUP  
CORPORATION

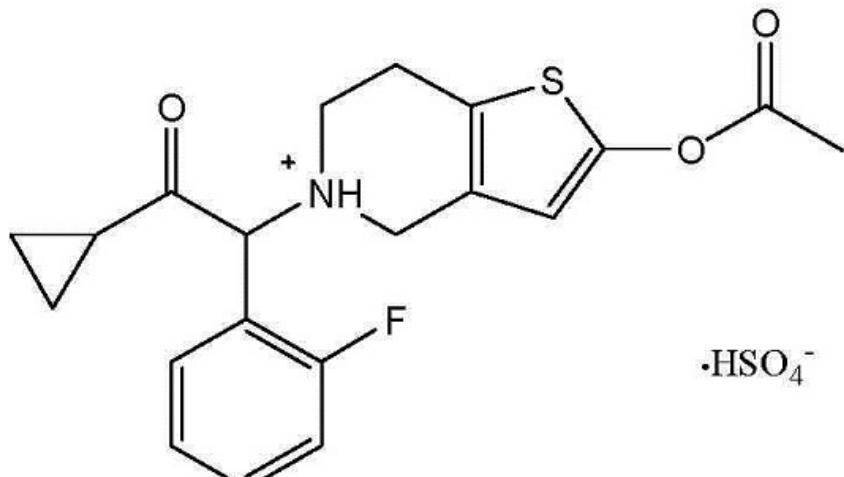
Address of Applicant :No. 209 Hongqi Road Linyi City  
Shandong Province 276006 China

(72)Name of Inventor :

1)Zhiquan ZHAO

(57) Abstract :

The present invention provides the prasugrel bisulfate of formula (II) and pharmaceutical composition and use thereof. Prasugrel bisulfate of the present invention has good stability, oral absorbability, metabolic activity and platelet aggregation inhibition effect, and low toxicity, and is therefore a promising anticoagulant for preventing or treating diseases associated with thrombosis or embolism.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2011

(21) Application No.1316/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : A PANEL DISPLAY SUSPENSION SYSTEM AND A PANEL DISPLAY PROVIDED WITH A PANEL DISPLAY SUSPENSION SYSTEM

(51) International classification	:F16M11/10, A47B95/00
(31) Priority Document No	:08161245.9
(32) Priority Date	:28/07/2008
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2009/053197 :23/07/2009
(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

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

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EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)DELVA Pieter J.

2)VERDIN Maxime L. M. J.

(57) Abstract :

A panel display suspension system comprising a first mounting part and a second mounting part. In order to be able to easily adjust the horizontal position of a suspended panel display (7) the first mounting part is provided with a supporting rail-shaped body (1) and the second mounting part is provided with supporting movers (3) for cooperation with the rail-shaped body. One of the mounting parts is configured for securing to the panel display and the other mounting part is configured for securing to a wall. Fig. 1

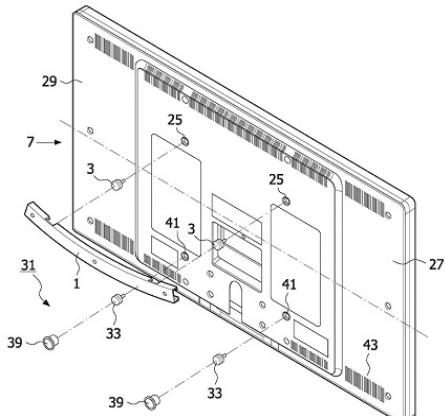


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2011

(21) Application No.1317/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : MEDIA SHADOW FILES AND SYSTEM

(51) International classification	:H04L12/28, G06F15/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/US2008/081525 :29/10/2008
(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

(71)Name of Applicant :

**1)HEWLETT-PACKARD DEVELOPMENT COMPANY  
L.P.**

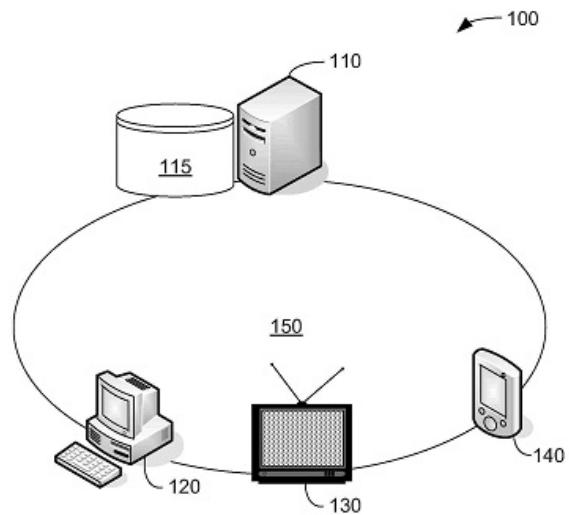
Address of Applicant :11445 Compaq Center Drive West  
Houston TX 77070 USA.

(72)Name of Inventor :

**1)Fred Charles THOMAS  
2)Allen O. BUCKNER  
3)Kevin NAY**

(57) Abstract :

One embodiment of a system for rendering media files comprises a computer configured to determine media file formats that are used by media rendering devices connected to a network and to determine media files available on the network. The computer generates media shadow files of media file formats used by the media rendering devices to accompany existing media files available on the network in alternative formats. [FIG. 1]



**FIG. 1**

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2011

(21) Application No.1318/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : THREE- DIMENSIONAL IMAGING ULTRASOUND PROBE

(51) International classification	:A61B8/00
(31) Priority Document No	:61/085476
(32) Priority Date	:01/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/053194
Filing Date	:22/07/2009
(87) 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 :

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(72)Name of Inventor :

1)HART Jeffrey  
2)MOIST Brian  
3)CLARK Dennis  
4)AGIUS Daniel

(57) Abstract :

An ultrasound probe includes a transducer array which is moved back and forth to sweep the image plane of the array through a volumetric region for 3D scanning. The transducer array is mounted on a carriage assembly which moves back and forth on a pair of rails inside a fluid compartment in the probe. The rails are preferentially arcuately curved to provide an elevationally divergent scan with a relatively wide aperture in the near field. A cam is provided for a motor-driven cable drive for the carriage assembly which provides relatively linear motion through the path of travel of the transducer array. Fig.3

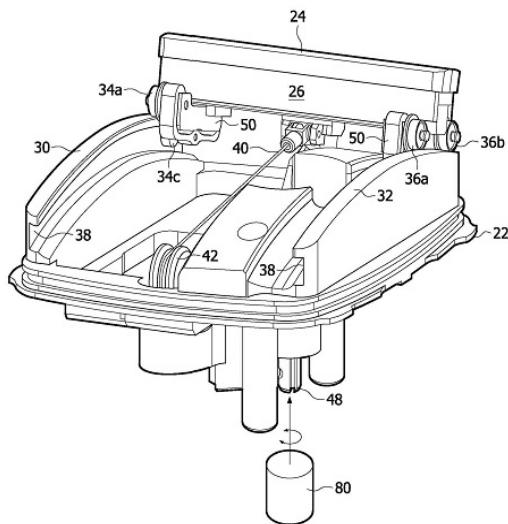


Fig. 3

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.1329/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : PERFORMING ZONE-BASED WORKLOAD SCHEDULING ACCORDING TO ENVIRONMENTAL CONDITIONS

(51) International classification	:G06F15/16, G06F9/46
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/US2008/074393 :27/08/2008
(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

(71)Name of Applicant :

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Address of Applicant :11445 Compaq Center Drive West  
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(72)Name of Inventor :

1)Cullen E. BASH  
2)George H. FORMAN

(57) Abstract :

To perform zone-based workload scheduling according to environmental conditions in a system having electronic devices, indicators of cooling efficiencies of the electronic devices in corresponding zones are aggregated (206, 406, 510) to form aggregated indicators for respective zones, where the zones include respective subsets of electronic devices. Workload is assigned (208, 408) to the electronic devices according to the aggregated indicators. [FIG. 2]

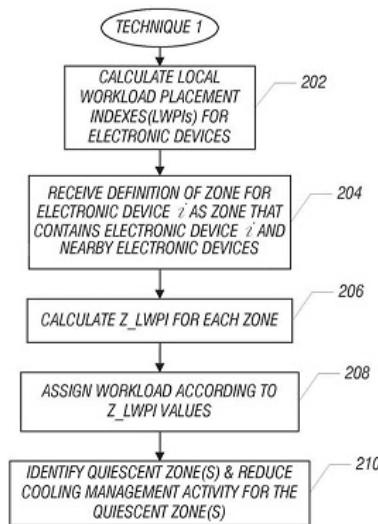


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/02/2011

(21) Application No.1357/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHOD FOR OVERCOMING ADDRESS CONFLICTS AMONG DISPARATE NETWORKS IN A NETWORK MANAGEMENT SYSTEM

(51) International classification	:H04L12/28
(31) Priority Document No	:61/085,407
(32) Priority Date	:31/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/052201
Filing Date	:30/07/2009
(87) 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 :**

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(72)**Name of Inventor :**

**1)KIEFER Matthew**

**2)BAYDIAN Edmond**

**3)FUCCILLO Joseph**

---

(57) Abstract :

Converged network management application and system is provided that delivers a management platform as a service that can view and/or manage all managed networks in the aggregate, or any one of them individually (including individual devices within the managed networks), in a secure and efficient manner, providing continuously available intelligence in real time on the managed networks and systems, and overcoming integration issues including conflicting address schemas, the need to avoid unnecessary infrastructure, and the need acquire all necessary information in real time within applicable memory and bandwidth constraints.

No. of Pages : 45 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.1275/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : Method and Apparatus for Multiplexing Data and Reference Signal in a Wireless Communication System

(51) International classification	:H04L5/00
(31) Priority Document No	:61/098,002
(32) Priority Date	:18/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/057576
Filing Date	:18/09/2009
(87) 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)QUALCOMM Incorporated**

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5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)**Name of Inventor :**

**1)LUO Xiliang**

**2)MONTOJO Juan**

**3)LUO Tao**

---

(57) Abstract :

Certain aspects of the present disclosure allow reference and data-conveying modulations symbols to be multiplexed in the time domain to form an SC-FDM waveform.

No. of Pages : 33 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.1319/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR PROVIDING SEDATION SERVICE IN A TELECOMMUNICATIONS NETWORK

(51) International classification	:H04L29/06
(31) Priority Document No	:61/085,115
(32) Priority Date	:31/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/052421
Filing Date	:31/07/2009
(87) 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)Teklec**

Address of Applicant :5200 Paramount Parkway Morrisville NC 27560 USA.

**(72)Name of Inventor :**

**1)SPARKS Robert J.**

**2)ROACH Adam B.**

**3)CAMPBELL Ben Allen**

**4)DEO Ajay P.**

**(57) Abstract :**

Methods, systems, and computer readable media for providing sedation service in a telecommunications network are disclosed. According to one aspect, a method for providing sedation service in a telecommunications network is provided. The method includes steps that are performed at a session initiation protocol (SIP) sedation node. The method includes receiving a first message sent from a SIP user agent and intended for a SIP server. The method further includes determining whether the SIP server is unavailable. The method further includes responsive to a determination that the SIP server is unavailable to respond to the first message, sending, to the SIP client, a SIP sedation message for reducing the number or frequency of messages sent by the SIP user agent to the SIP server.

No. of Pages : 27 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.1320/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR SESSION INITIATION PROTOCOL (SIP) DIALOG IDENTIFICATION

(51) International classification	:H04W80/10, H04L12/58	(71) <b>Name of Applicant :</b> <b>1)Teklec</b> Address of Applicant :5200 Paramount Parkway Morrisville NC 27560 USA.
(31) Priority Document No	:61/085,677	(72) <b>Name of Inventor :</b>
(32) Priority Date	:01/08/2008	<b>1)SPARKS Robert J.</b>
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2009/052600 :03/08/2009	
(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 :

Methods, systems, and computer readable media for session initiation protocol (SIP) dialog identification are disclosed. According to one method, a first SIP message associated with a SIP dialog is received. A dialog ID that is associated with the SIP dialog is computed using fields of the first SIP message. A second SIP message associated with the SIP dialog is generated. The computed dialog ID is included in the second message.

No. of Pages : 23 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.1353/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : MEDIA CONTAINER FILE□

(51) International classification	:H04N7/50, H04N7/26	(71) <b>Name of Applicant :</b> <b>1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)</b> Address of Applicant :SE-164 83 Stockholm Sweden
(31) Priority Document No	:61/103,399	(72) <b>Name of Inventor :</b>
(32) Priority Date	:07/10/2008	<b>1)FR-JDH Per</b>
(33) Name of priority country	:U.S.A.	<b>2)WU Zhuangfei</b>
(86) International Application No Filing Date	:PCT/SE2008/051460 :15/12/2008	
(87) 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 media container file (30) is generated by organizing encoded video data representative of multiple camera views (22-28) of a video content as one or more video tracks (32) in the media container file (30). A view arrangement representation (34) indicative of a predefined deployment and position relationships of camera views (22-28) is selected among multiple different such predefined view arrangement representations. The view identifiers (36) of the multiple camera views (22-28) are included in the selected view arrangement representation (34). The view arrangement representation (34) with the included view identifiers (36) is organized in the media container file (30) relative the at least one video track (32). (Fig. 1)

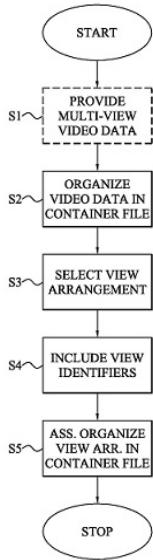


Fig. 1

No. of Pages : 55 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.1354/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : ELECTRICAL MACHINE WITH DUAL INSULATED COIL ASSEMBLY□

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(51) International classification	:H02K3/44, H02K15/04
(31) Priority Document No	:0813792.9
(32) Priority Date	:29/07/2008
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/CA2009/000907 :09/07/2009
(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

---

(71)**Name of Applicant :**

**1)CLEAN CURRENT POWER SYSTEMS  
INCORPORATED**

Address of Applicant :C/o Farris Vaughan Wills & Murphy LLP 2500 - 700 West Georgia St. Vancouver British Columbia V7H 1B3 Canada

(72)**Name of Inventor :**

**1)PLATON Mihai C.  
2)SIRELI Eyup Mete**

(57) Abstract :

An electrical coil assembly for use in a flooded electrical machine operating in an electrically conductive and/or chemically aggressive medium, and a method for manufacturing an electrical coil assembly, are disclosed. The electrical coil assembly incorporates an electrical cable coil winding and a magnetic core. The electrical coil winding is wound of electrical cable with dielectric insulation that is also a waterproof molecular barrier and is covered with at least one layer of waterproof adhesive material. The magnetic core is substantially surrounded with a dielectric insulation layer, which is covered with at least one layer of waterproof adhesive material. The combination of dielectric insulation and waterproof adhesive layers provide protection against the ingress of water and accordingly reduce risk of electrical fault and failure of the electrical coil assembly in submerged service.

No. of Pages : 54 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.1323/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : NETWORK AND MOBILE DEVICE INITIATED QUALITY OF SERVICE

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(51) International classification :H04W76/02  
(31) Priority Document No :61/098,647  
(32) Priority Date :19/09/2008  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2009/057584  
    Filing Date :18/09/2009  
(87) 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)QUALCOMM Incorporated**

Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)**Name of Inventor :**

**1)KLINGENBRUNN Thomas**

**2)BALASUBRAMANIAN Srinivasan**

**3)RAMACHANDRAN Shyamal**

**4)SWAMINATHAN Arvind**

---

(57) Abstract :

Systems and methodologies are described that facilitate avoidance of duplicative resource allocation and/or erroneous service charges via unambiguously indicating an entity responsible for quality of service (QoS) initiation. In one example, an indication is provided to a mobile device to indicate a preference for network-initiated QoS or a preference for device -initiated QoS. QoS for a data flow can be established in accordance with the indication. For instance, the mobile device initiates QoS when the indication specifies a preference for device-initiated QoS while a network establishes QoS when the indication specifies a preference for network-initiated QoS.

No. of Pages : 56 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.1355/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING A SECURE NETWORK ON ANOTHER SECURE NETWORK

(51) International classification	:H04L12/46, G06Q20/00
(31) Priority Document No	:2637179
(32) Priority Date	:30/07/2008
(33) Name of priority country	:Canada
(86) International Application No Filing Date	:PCT/CA2009/001070 :30/07/2009
(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

(71)Name of Applicant :

1)John Henry DUNSTAN

Address of Applicant :15753 MountainView Road Caledon Ontario L7C 2V6 Canada

(72)Name of Inventor :

1)John Henry DUNSTAN

(57) Abstract :

The present invention provides a system and method for providing a closed or secure network on another closed or secure network. The system enables linking at least one acquirer network operating a closed network to at least one operator by a central server. The acquirer network includes one or more terminals and optionally an acquirer server. The central server is linked to the acquirer network and to the operator. The central server is configurable to communicate with at least a subset of the one or more terminals, and also with the operator, and to establish one or more communication links between the operator and the one or more terminals. The central server acts as a trusted intermediary between the acquirer network and the operator for enabling the operator to communicate with the one or more terminals via the closed acquirer network.FIG-1

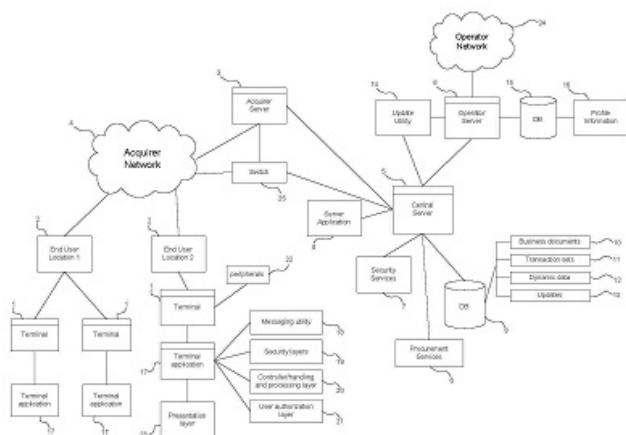


FIG-1

No. of Pages : 57 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.1356/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD FOR MAKING HEAT-INSULATED PAPER CONTAINERS AND THE PRODUCTS

(51) International classification	:B65D81/38, A47J41/00	(71) <b>Name of Applicant :</b> <b>1)RICH CUP BIO-CHEMICAL TECHNOLOGY CO.</b> <b>LTD.</b> Address of Applicant :No.10 21st Rd. Industrial Dist. Taichung Taiwan
(31) Priority Document No	:200810147548.3	(72) <b>Name of Inventor :</b>
(32) Priority Date	:28/08/2008	<b>1)CHANG Ching-Wen</b>
(33) Name of priority country	:Taiwan	
(86) International Application No	:PCT/CN2008/001788	
Filing Date	:23/10/2008	
(87) 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 disclosed a method for making heat-insulated paper containers and the products made by the same. The method includes steps of : (a) mixing and blending polyethylene terephthalate or polypropylene with an adhesive to form a polymer material; (b) heating and extruding the polymer material with an extruder machine to form a film and coating a surface of paper with the film; (c) cooling and laminating the paper with a laminating roller; (d) continuously coating another surface of the paper with a foam material; and then furling the paper after drying; and cutting the paper into a semi-product and then molding into a paper container; (e) heating the foam material with a heating device. The method of the present invention can enhance the foam uniformity and the production rate, and decrease the defective rate.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2011

(21) Application No.1363/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : FIBRE MONITORING IN OPTICAL NETWORKS□

(51) International classification	:H04B10/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2008/061399
Filing Date	:29/08/2008
(87) 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)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)**

Address of Applicant :Torshamnsgaten 23 S-16483  
Stockholm Sweden

(72)**Name of Inventor :**

**1)CAMPANELLI Carlo**

**2)MAGRI Roberto**

(57) Abstract :

A method of monitoring (200) an optical fibre comprises modulating (210) an optical signal with a traffic signal; modulating (220) the optical signal with an incoherent optical frequency domain reflectometry, IOFDR, test signal; transmitting (230) the doubly modulated optical signal onto an optical fibre at a first end of the fibre; detecting (240) scattered radiation output from the first end of the fibre; and analysing (250) the detected scattered radiation using incoherent optical frequency domain reflectometry to determine a distance to a break in the optical fibre. Apparatus suitable for carrying out the method is also described, as well as an optical communications network employing the method.

No. of Pages : 49 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/02/2011

(21) Application No.1361/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : HERBICIDE RESISTANT SUNFLOWER PLANTS

(51) International classification	:C12N15/82, A01H5/00
(31) Priority Document No	:61/085,224
(32) Priority Date	:31/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/NL2009/050468 :30/07/2009
(87) 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)ANGLO NETHERLANDS GRAIN BV

Address of Applicant :Willemsplein 492 NL-3016 DR  
Rotterdam The NETHERLANDS

(72)Name of Inventor :

1)SALA Carlos

2)BULOS Mariano

(57) Abstract :

Sunflower plants having increased resistance to herbicides relative to wild-type sunflower plants are provided. These plants contain a new genetic mutation in the AHAS gene which confers broad-spectrum resistance to AHAS-inhibiting herbicide. An herbicide-tolerant sunflower crop production system and new and powerful weed control option for sunflower growers are provided.

No. of Pages : 80 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2011

(21) Application No.1401/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : FLEXIBLE SUBSTRATE AND ELECTRIC CIRCUIT STRUCTURE□

(51) International classification	:H05K1/11, G02F1/1345
(31) Priority Document No	:2008-207186
(32) Priority Date	:11/08/2008
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2009/063726 :03/08/2009
(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

(71)Name of Applicant :

1)SHARP KABUSHIKI KAISHA

Address of Applicant :22-22 Nagaike-cho Abeno-ku Osaka-shi Osaka 5458522 Japan

(72)Name of Inventor :

1)Yukihiro SUMIDA

2)Takeshi MURAOKA

(57) Abstract :

Provided is a flexible substrate wherein a connection portion between the flexible substrate and an electric circuit board meets requirements of narrow wiring pitch and low resistance at the connection portion. An electric circuit structure, which has the flexible substrate and the electric circuit board to which the flexible substrate is connected, is also provided. A wiring pattern (22) is formed on a flexible base film (21), a connection terminal (25) connected electrically to an electrode terminal of another electric circuit board is arranged at an end portion of the wiring pattern (22), and the connection terminal (25) includes wide connection terminals (25b, 25c) having a terminal width extending across plural lines of the wiring pattern (22). [Figure 2]

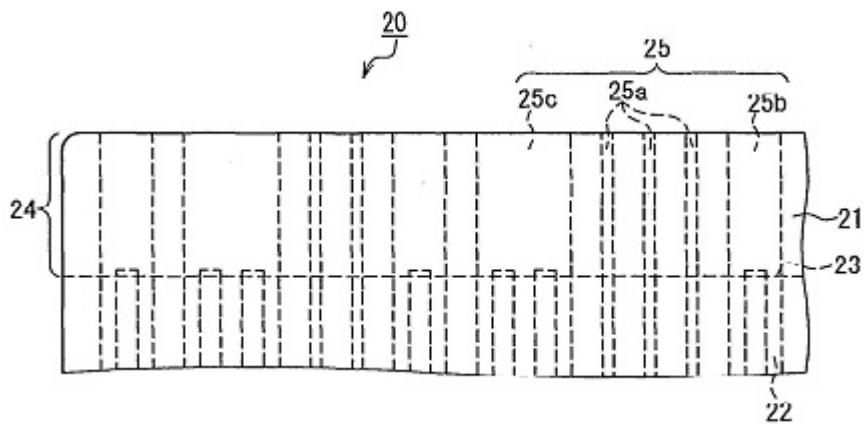


FIG. 2

No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2011

(21) Application No.1403/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : NATURALLY SWEETENED JUICE BEVERAGE PRODUCTS□

(51) International classification	:A23L2/02, A23L2/60
(31) Priority Document No	:61/092, 782
(32) Priority Date	:29/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/051953 :28/07/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)TROPICANA PRODUCTS INC.

Address of Applicant :1001 13th Avenue E Bradenton Florida 34208 USA.

(72)Name of Inventor :

1)RIVERA Teodoro

2)OESTERLING Jessica

(57) Abstract :

Naturally sweetened reduced calorie, light, or low-calorie beverage products and methods for making the same are disclosed. The beverage products comprise at least one fruit juice, at least one natural non-nutritive sweetener, and homogenized pulp.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2011

(21) Application No.1405/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : NATURALLY SWEETENED JUICE BEVERAGE PRODUCTS WITH BETA-GLUCAN□

(51) International classification	:A23L2/02, A23L2/52
(31) Priority Document No	:61/092, 774
(32) Priority Date	:29/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/051937
Filing Date	:28/07/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TROPICANA PRODUCTS INC.

Address of Applicant :1001 13th Avenue E Bradenton Florida 34208 USA.

(72)Name of Inventor :

1)RIVERA Teodoro

2)OSTERLING Jessica

(57) Abstract :

Naturally sweetened reduced calorie, light, or low-calorie beverage products which provide cardiovascular health benefits are disclosed, as well as methods for making the same. The beverage products comprise at least one fruit juice, at least one natural non-nutritive sweetener, homogenized pulp, and beta-glucan

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2009

(21) Application No.1616/CHE/2009 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : PASSWORD SELF ENCRYPTION METHOD AND SYSTEM AND ENCRYPTION BY KEYS GENERATED FROM PERSONAL SECRET INFORMATION

(51) International classification	:G06F21/00, H04L9/32	(71) <b>Name of Applicant :</b> <b>1)CHEMAN SHAIK</b> Address of Applicant :P.O.BOX 56565, RIYADH, SAUDI ARABIA 11564 Saudi Arabia
(31) Priority Document No	:61/056,991	
(32) Priority Date	:29/05/2008	
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No Filing Date	:NA :NA	<b>1)CHEMAN SHAIK</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A public key cryptographic system and method is provided for a password or any other predefined personal secret information that defeats key factoring and spoofing attacks. The method adopts a new technique of encrypting a password or any predefined secret information by a numeric function of itself, replacing the fixed public key of the conventional RSA encryption. The whole process involving key generation, encryption, decryption and password handling is discussed in detail. Mathematical and cryptanalytical proofs of defeating factoring and spoofing attacks are furnished.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/06/2010

(21) Application No.1744/CHE/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : AN ENERGY STORAGE DEVICE AND METHOD THEREOF

(51) International classification	:H01G 4/00	(71) <b>Name of Applicant :</b> <b>1)INDIAN INSTITUTE OF SCIENCE</b> Address of Applicant :Bangalore 560 012 Karnataka India
(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	

(57) Abstract :

The present disclosure is related to hybrid capacitors specifically to PbO<sub>2</sub>/Activated Carbon hybrid capacitors. The hybrid super capacitor of the present disclosure is simple to assemble, bereft of impurities and can be fast charged/discharged with high faradiac-efficiency.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/02/2011

(21) Application No.1358/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PUBLISH AND SUBSCRIBE METHOD FOR REAL-TIME EVENT MONITORING IN A SYSTEM FOR MANAGING A PLURALITY OF DISPARATE NETWORKS

(51) International classification	:G06F15/173
(31) Priority Document No	:61/085,407
(32) Priority Date	:31/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/052205
Filing Date	:30/07/2009
(87) 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)JUMA TECHNOLOGY CORP.**

Address of Applicant :154 Toledo Street Farmingdale NY 11735 USA.

(72)**Name of Inventor :**

**1)KIEFER Matthew**

**2)BAYDIAN Edmond**

**3)FUCCILLO Joseph**

---

(57) Abstract :

Converged network management application and system is provided that delivers a management platform as a service that can view and/or manage all managed networks in the aggregate, or any one of them individually (including individual devices within the managed networks), in a secure and efficient manner, providing continuously available intelligence in real time on the managed networks and systems, and overcoming integration issues including conflicting address schemas, the need to avoid unnecessary infrastructure, and the need acquire all necessary information in real time within applicable memory and bandwidth constraints.

No. of Pages : 46 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/02/2011

(21) Application No.1359/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SYSTEM FOR REMOTELY MANAGING AND SUPPORTING A PLURALITY OF NETWORKS AND SYSTEMS

(51) International classification	:G06F15/173
(31) Priority Document No	:61/085,407
(32) Priority Date	:31/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/052196
Filing Date	:30/07/2009
(87) 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)JUMA TECHNOLOGY CORP.**

Address of Applicant :154 Toledo Street Farmingdale NY 11735 USA.

(72)**Name of Inventor :**

**1)KIEFER Matthew**

**2)BAYDIAN Edmond**

**3)FUCCILLO Joseph**

---

(57) Abstract :

Converged network management application and system is provided that delivers a management platform as a service that can view and/or manage all managed networks in the aggregate, or any one of them individually (including individual devices within the managed networks), in a secure and efficient manner, providing continuously available intelligence in real time on the managed networks and systems, and overcoming integration issues including conflicting address schemas, the need to avoid unnecessary infrastructure, and the need acquire all necessary information in real time within applicable memory and bandwidth constraints.

No. of Pages : 45 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2006

(21) Application No.575/CHENP/2006 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD FOR PRODUCING CIS-4-FLUORO-L-PROLINE DERIVATIVES

(51) International classification	:C07D 207/16
(31) Priority Document No	:2003-207718
(32) Priority Date	:18/08/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP04/11827
Filing Date	:18/08/2004
(87) International Publication No	:WO 2005/016880 A1
(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)TAISHO PHARMACEUTICAL CO., LTD.

Address of Applicant :24-1, Takata 3-chome, Toshima-ku,  
Tokyo, 170-8633, JAPAN

(72)Name of Inventor :

1)TOMISAWA, Kazuyuki

2)TATSUTA, Dai

3)YOSHIDA, Tomomichi

4)YOKOO, Chihiro

(57) Abstract :

A process for producing high-purity cis-4-fluoro -L-proline derivatives highly safely under milder conditions in high yield, characterized by reacting a trans-4-hydroxy -L-proline derivative represented by the general formula [I]: (wherein R1 is an  $\alpha$ -amino-protecting group; and R2 a carboxyl-protecting group) with N,N-diethyl-N-(1,1,2,3,3,3-hexafluoropropyl)amine in the presence of a hydrogen fluoride scavenger.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/02/2006

(21) Application No.645/CHENP/2006 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : 2-SUBSTITUTED PYRIMIDINES

(51) International classification	:C07D 239/42	(71)Name of Applicant :
(31) Priority Document No	:103 33 857.8	1)BASF AKTIENGESELLSCHAFT Address of Applicant :D- 67056 Ludwigshafen Germany
(32) Priority Date	:24/07/2003	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)SCHIEWECK, Frank 2)TORMO I BLASCO, Jordi 3)BLETTNER, Carsten 4)GRAMMENOS, Wassilios 5)GROTE, Thomas 6)GYPSER, Andreas 7)RHEINHEIMER, Joachim 8)SCHAFER, Peter 9)SCHWOGLER, Anja 10)WAGNER, Oliver 11)STRATHMANN, Siegfried 12)STIERL, Reinhard 13)GEWEHR, Markus 14)SCHERER, Maria 15)MULLER, Bernd 16)SCHOFL, Ulrich
(86) International Application No Filing Date	:PCT/EP2004/007258 :03/07/2004	
(87) International Publication No	:WO 2005/019187	
(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 2-substituted pyrimidines of formula (I), in which the index n and the substituents R1, R2 and R3 are defined as cited in the description. R4 is defined as follows: R4 corresponds to one of the formulae (II), in which X represents a direct bond, - (C=O)-, -(C=O)-NH-, -(C=O)-0-, -0-, -NRc-, whereby the respective molecule on the left is bonded to the nitrogen atom; Ra represents hydrogen, methyl, benzyl, trifluoromethyl, allyl, propargyl or methoxymethyl; Rb represents hydrogen, C1-C6 alkyl, C2-C6 alkynyl; Rc represents hydrogen, methyl or C1-C4 acyl; and Z represents S or NRb. The aliphatic groups of the radical definitions of Ra, Rb and/or Rc can in turn carry one or two groups Rw, whereby Rw represents halogen, ORx, NHRx, C1-C6 alkyl, C1-C4 alkoxy carbonyl, C1-C4 acylamino, [1,3]dioxolane-C1-C4 alkyl, [1,3]dioxane-C1-C4 alkyl and Rx represents hydrogen, methyl, allyl or propargyl. The invention also relates to a method for producing said compounds, to agents containing said compounds and to the use of the latter as pesticides.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2011

(21) Application No.1364/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHOD OF ACYLATING A PEPTIDE OR PROTEIN

(51) International classification	:A61K47/48, C07K1/107
(31) Priority Document No	:08164261.3
(32) Priority Date	:12/09/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/061821
Filing Date	:11/09/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Novo Nordisk A/S

Address of Applicant :Novo All 2880 Bagsværd Denmark

(72)Name of Inventor :

1)Christensen Caspar

2)Severinsen Rune

3)Petersen Anders Klarskov

4)Kidal Steffen

5)Jessen Claus U.

6)Madsen Peter

7)Valore Henrik

8)Tagmose Tina Møller

9)Srensen Jan Lindy

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(57) Abstract :

A method for selectively acylating an amino group in a peptide or protein which has two or more reactive nucleophilic functional groups is described.

No. of Pages : 67 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2010

(21) Application No.2052/CHE/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHOD AND APPARATUS FOR REMOVING A REVERSIBLY MOUNTED DEVICE WAFER FROM A CARRIER SUBSTRATE

(51) International classification	:H01L21/68, H01L21/50	(71) <b>Name of Applicant :</b> <b>1)BREWER SCIENCE,INC</b> Address of Applicant :2401 BREWER DRIVE,ROLLA,MISSOURI 65401, U.S.A.
(31) Priority Document No	:12/819,680	
(32) Priority Date	:21/06/2010	
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No Filing Date	:NA :NA	<b>1)JEREMY W.MCCUTCHEON</b> <b>2)ROBERT D.BROWN</b>
(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 :

New demounting methods and apparatuses for separating temporarily, permanently, or semi-permanently bonded substrates and articles formed from those methods and apparatuses are provided. The methods comprise demounting a device wafer from a carrier wafer or substrate that have only been strongly bonded at their outer perimeters. The edge bonds are chemically, mechanically, acoustically, or thermally softened, dissolved, or disrupted to allow the wafers to be easily separated with very low forces and at or near room temperature at the appropriate stage in the fabrication process. A clamp for facilitating separation of the bonded substrates is also provided.

No. of Pages : 60 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/01/2006

(21) Application No.348/CHENP/2006 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : DOUBLE SALTS OF (-)-HYDROXYCITRIC ACID WITH AN AMINE AND A GROUP II A METAL AND A PROCESS FOR PREPARING THE SAME

(51) International classification

:C07C 59/245

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:PCT/IN2004/00045

Filing Date

:17/02/2004

(87) International Publication No

:WO 2005/076747

A2

(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)GOKARAJU, GANGA, RAJU

Address of Applicant :40-15-14 BRINDAVAN COLONY  
VIJAYAWADA 520010 Andhra Pradesh India

2)GOKARAJU, RAMA, RAJU

3)GOTTUMUKKALA, VENKATA, SUBBARAJU

4)SOMEPELLI, VENKATESWARLU

5)PRATHA, SRIDHAR

(72)Name of Inventor :

1)GOKARAJU, GANGA, RAJU

2)GOKARAJU, RAMA, RAJU

3)GOTTUMUKKALA, VENKATA, SUBBARAJU

4)SOMEPELLI, VENKATESWARLU

5)PRATHA, SRIDHAR

(57) Abstract :

This invention relates to novel double salt of (-)-hydroxycitric acid with an amine and zinc or a group II A metal. These compounds are stable and water soluble and are used as nutraceuticals, weight reducing agents and in beverages. The double salts have the following general formula (I) Wherein X is zinc or a metal belonging to group II A of the Periodic Table and Y is glucosamine, caffeine or a known anorexic amine residue

No. of Pages : 16 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/03/2006

(21) Application No.765/CHENP/2006 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : BUFFER MANAGEMENT SYSTEM, DIGITAL AUDIO RECEIVER, HEADPHONES, LOUDSPEAKER, METHOD OF BUFFER MANAGEMETN

(51) International classification	:H04Q 11/04
(31) Priority Document No	:03102434.2
(32) Priority Date	:05/08/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB04/051309
Filing Date	:28/07/2004
(87) International Publication No	:WO 2005/013639
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1, NL- 5621 BA EINDHOVEN, NETHERLAND

(72)**Name of Inventor :**

1)PHILIPS, NORBERT, J., L

2)DEROM, KOEN, W

3)VOS, ERIC

---

(57) Abstract :

The buffer management system (100) is arranged to control in a data communication system an end to end delay ( $\Delta$ ) of a data unit (150) from input to output. Blocks (104, 106) of data units (150, 152) are written in a buffer (102) with a block write rate (Rw), and data units (154, 156) are read from this buffer (102) with a read rate (Rr). The end to end delay ( $\Delta$ ) is controlled by adapting the read rate (Rr) from the buffer (102), and hence the buffer filling (F) on the basis of measurements of delays in the buffer management system (100). For the calculation of the read rate (Rr) at least an input time measurement (mTa) of an input time instant (Ta) of input of the data unit (150) in the buffer management system (100) is required

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/02/2011

(21) Application No.856/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : STABILITY OF SECONDARY METABOLITE MASS PRODUCTION THROUGH SYNCHRONIZED PLANT CELL CULTURES

(51) International classification	:C12N5/04	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10-2005-0103445	<b>1)UNHWA</b> Address of Applicant :103-1201, SEOGOKDAELIM APT., 1473-5 ST., #3, HYOJA-DONG, WANSAN-GU, JEONJU-SI JEONRABIK-DO 4560-884 Republic of Korea
(32) Priority Date	:31/10/2005	
(33) Name of priority country	:Republic of Korea	
(86) International Application No	:PCT/KR06/01544	(72) <b>Name of Inventor :</b>
Filing Date	:25/04/2006	<b>1)JIN, YOUNG, WOO</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:2150/CHENP/2008	
Filed on	:25/04/2006	

(57) Abstract :

This invention is a method of minimizing the variation of cell growth and production through homogeneous cell line development. To be more specific, it is the method of isolating and proliferating single cell clone from the cambium to promote the stability of the plant-derived biologically active substances production by solving the problems of decrease in cell growth and the productivity during the long term culture.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/02/2011

(21) Application No.907/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHOD AND SYSTEM FOR RESTRICTED ACCESS CONFIGURATION OF ACCESS POINT BASE STATIONS

(51) International classification	:H04W48/08	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/200,583	<b>1)QUALCOMM Incorporated</b>
(32) Priority Date	:28/08/2008	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714 USA.
(86) International Application No	:PCT/US2008/088073	(72) <b>Name of Inventor :</b>
Filing Date	:22/12/2008	<b>1)BUTLER Brian K.</b>
(87) International Publication No	: NA	<b>2)NANDA Sanjiv</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Devices and methods are provided for the controlling access to access point (AP) base stations. In particular, described herein are techniques for the automated configuration of AP base stations for restricted access. For example, the technique may involve receiving a contact list from an access terminal (AT) associated with the AP base station and a network operator. From the received contact list, saved contacts associated with the operator may be identified. The technique may further involve retrieving identifiers for the identified contacts, and generating an allowed user list from the identifiers, which may be used to configure the AP base station for restricted access.

No. of Pages : 44 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/06/2010

(21) Application No.1773/CHE/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : TESTING COMPATIBILITY OF A COMPUTER APPLICATION

(51) International classification	:G06F 11/25 ; G06F 11/34 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71) <b>Name of Applicant :</b> <b>1)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.</b> Address of Applicant :11445 Compaq Center Drive West Houston TX 77070 USA. (72) <b>Name of Inventor :</b> <b>1)Nitin Harvadan NAGORIA</b> <b>2)Shiva Sm PRAKASH</b>
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(57) Abstract :

Presented is a method, system, computer readable instructions executable code and computer storage medium for testing compatibility between a computer application and a target computer platform. Configuration parameters of a computer application are provided to a computer system for comparison against a database to determine whether the configuration parameters of the computer application and the configuration parameters of a target computer platform are compatible or incompatible. FIG. 1

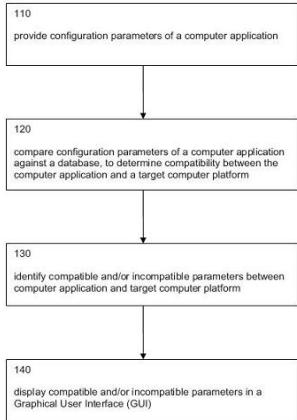


fig 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2006

(21) Application No.636/CHENP/2006 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : PROCESS FOR PRODUCTION OF ACETYL ANHYDRIDES AND OPTIONALLY ACETIC ACID FROM METHANE AND CARBON DIOXIDE

(51) International classification

:C07C

(31) Priority Document No

:10/627,254

(32) Priority Date

:24/07/2003

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US04/023681

Filing Date

:23/07/2004

(87) International Publication No

:WO 2005/09927

(61) Patent of Addition to Application

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

**(71)Name of Applicant :**

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Address of Applicant :1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 U.S.A.

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**(72)Name of Inventor :**

**1)BELL, Alexis T.**

**2)MUKHOPADHYAY, Sudip**

**3)ZERELLA, Mark, T**

**4)SUNLEY, John Glenn**

**5) GAEMERS, Sander**

**6)MUSKETT, Michael James**

**(57) Abstract :**

Acetyl anhydrides such as acetyl sulfate are produced by a process for comprising contacting methane and carbon dioxide in an anhydrous environment in the presence of effective amounts of a transition metal catalyst and a reaction promoter, and an acid anhydride compound, and optionally an acid. The acetyl anhydride can be contacted with water to produce acetic acid or with an alcohol to produce a product comprising an acetate ester and that may also comprise acetic acid. Optionally, water in stoichiometric amounts or less, with respect to the acetic anhydride, may be fed to a continuous process of this type to produce some acetic acid in situ.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/02/2011

(21) Application No.906/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHODS AND APPARATUS OF ADAPTING NUMBER OF ADVERTISED TRANSMIT ANTENNA PORTS

(51) International classification	:H04W48/08, H04W28/08	(71) <b>Name of Applicant :</b> <b>1)QUALCOMM Incorporated</b> Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 USA.
(31) Priority Document No	:61/092,450	
(32) Priority Date	:28/08/2008	
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/US2009/055217	<b>1)MONTOJO Juan</b>
Filing Date	:27/08/2009	<b>2)BHATTAD Kapil</b>
(87) International Publication No	: NA	<b>3)FARAJIDANA Amir</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methodologies of intelligently selecting and advertising antenna ports to UEs (e.g., advertising a number of antenna ports to legacy UEs, and another number of antenna ports to new UEs). Such adaptive feature in adjusting the number of antenna ports, enables the base station(s) to intelligently balance requirements of legacy UEs and new UEs (e.g., LTE-A) for an overall efficient operation of the wireless system take as a whole - (e.g., performance gain for new users is deemed an offset for performance degradation for legacy users.) Accordingly, resources that are typically reserved for a Reference Signal (RS) associated with an antenna port, can be freed when such antenna ports are not advertised to the UEs as part of wireless system operation.

No. of Pages : 50 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/02/2011

(21) Application No.908/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : Distributed Downlink Coordinated Multi-Point (CoMP) Framework

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(51) International classification	:H04W16/10
(31) Priority Document No	:61/092,490
(32) Priority Date	:28/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/055238
Filing Date	:27/08/2009
(87) 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)QUALCOMM Incorporated**

Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)**Name of Inventor :**

**1)GOROKHOV Alexei Y.**

**2)MALLIK Siddhartha**

**3)BHUSHAN Naga**

**4)BARBIERI Alan**

(57) Abstract :

Systems and methodologies are described that facilitate dynamically forming clusters in a wireless communication environment. A set of non-overlapping clusters can be formed dynamically over time and in a distributed manner. Each of the clusters can include a set of base stations and a set of mobile devices. The clusters can be yielded based upon a set of local strategies selected by base stations across the network converged upon through message passing. For example, each base station can select a particular local strategy as a function of time based upon network-wide utility estimates respectively conditioned upon implementation of the particular local strategy and disparate possible local strategies that can cover the corresponding base station. Moreover, operation within each of the clusters can be coordinated.

No. of Pages : 83 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/02/2011

(21) Application No.915/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : NOX REMOVAL CATALYST FOR HIGH-TEMPERATURE FLUE GAS, MANUFACTURING METHOD THEREOF, AND NOX REMOVAL METHOD FOR HIGH-TEMPERATURE FLUE GAS

(51) International classification	:B01D53/94, B01D 53/86	(71) <b>Name of Applicant :</b> <b>1)MITSUBISHI HEAVY INDUSTRIES, LTD.</b> Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 108-8215 Japan
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:PCT/JP2009/067414 :06/10/2009	(72) <b>Name of Inventor :</b> <b>1)NOCHI, KATSUMI</b> <b>2)YASUTAKE, TOSHINOBU</b> <b>3)YONEMURA, MASANAO</b>
(87) International Publication No	:WO 2011/042953	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A NOx removal catalyst for high-temperature flue gas according to the present invention is a NOx removal catalyst for high-temperature flue gas that contains nitrogen oxide in which tungsten oxide with the number of molecular layers of tungsten oxide (WO<sub>3</sub>) being five or less is supported on a complex oxide carrier containing titanium oxide. Even when high-temperature denitration is continued,, a bonding force with a carrier of WO<sub>3</sub> can be properly maintained and volatilization can be suppressed while maintaining a high NOx removal performance. For example, the NOx removal catalyst is particularly suitable for reducing and removing nitrogen oxide contained in high- temperature gas discharged from a thermal power plant and a high-temperature boiler.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/02/2011

(21) Application No.837/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : A SYSTEM AND METHOD FOR ENCLOSING DISTRIBUTED KIOSK SERVICE

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(51) International classification	:G06F17/30, G06Q10/00
(31) Priority Document No	:PCT/IN2008/000597
(32) Priority Date	:19/09/2008
(33) Name of priority country	:PCT
(86) International Application No	:PCT/IN2008/000597
Filing Date	:19/09/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

**1)MR. GIRISH PATIL**

Address of Applicant :FLAT 404, #112, HARITHA APARTMENT, 11TH CROSS, 5TH MAIN, MALLESWARAM, BANGALORE-560 003. Karnataka India

(72)Name of Inventor :

**1)MR. GIRISH PATIL**

(57) Abstract :

The present invention discloses a customisable, multi-lingual, modular, distributed architectural framework for kiosks, which enable self-service to multiple users, while being aware of the users orientation and agnostic to the users mobility constraints and changes in the facility or the kiosks dispensing information. The key components of the framework are a system, which includes means to assimilate and process data from various sources, to convert the same into meaningful information and to process queries from the users. The architecture of the system of the present invention has a client-server model to enable distributed and networked processing. The system of the present invention further encompasses the means to place advertisements, gather summary information, presented as reports, allow the user to provide feedback and access help material for navigation. A method to enable this distributed framework, which encompasses the main features of the system, is also proposed in this invention.

No. of Pages : 77 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/02/2011

(21) Application No.945/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : WET GRANULATION SYSTEM COMPRISING AT LEAST ONE ULTRASONIC NOZZLE□

(51) International classification	:B01J2/12, A61K9/16	(71) <b>Name of Applicant :</b> <b>1)ASTRAZENECA AB</b> Address of Applicant :S-151 85 Sdertlje Sweden
(31) Priority Document No	:61/092,862	
(32) Priority Date	:29/08/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/SE2009/050974	(72) <b>Name of Inventor :</b> <b>1)BUZSAKY Ferenc</b>
Filing Date	:28/08/2009	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system for uniform distribution of a liquid binder onto the surface of finely particulate solids of at least one pharmaceutical product. The system comprises a substantially circular mixer, provided with rotating means in the lower part, arranged to enable the said solids to rotate along the periphery of the mixer in a first rotational movement, at least one ultrasonic nozzle connected to a feeding device providing the said liquid binder, and arranged to distribute the said liquid binder in the form of droplets onto the surface of the said solids during their rotational movement.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/02/2011

(21) Application No.947/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PROVISIONING FEMTOCELL DEPLOYMENT INFORMATION

(51) International classification	:H04W48/16
(31) Priority Document No	:61/091,230
(32) Priority Date	:22/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/054686
Filing Date	:21/08/2009
(87) 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)QUALCOMM Incorporated**

Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)Name of Inventor :

**1)DESHPANDE Manoj M.**

**2)YOON Young C.**

**3)BALASUBRAMANIAN Srinivasan**

**4)CHEN Jen Mei**

**5)TINNAKORN SRISUPHAP Peerapol**

(57) Abstract :

Systems and methodologies are described that facilitate provisioning cell information to mobile devices via provisioning mechanisms. The cell information relates to cell characteristics within a wireless communication network. The cell information can be stored on the mobile devices and employed to detect the cell characteristics and adjust the handoff behavior based at least in part on characteristics of signals received from one or more base stations.

No. of Pages : 56 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/02/2011

(21) Application No.948/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SUPPORTING MULTIPLE ACCESS TECHNOLOGIES IN A WIRELESS ENVIRONMENT

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(51) International classification	:H04W16/14
(31) Priority Document No	:61/092,456
(32) Priority Date	:28/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/055228
Filing Date	:27/08/2009
(87) 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)QUALCOMM Incorporated**

Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)**Name of Inventor :**

**1)MONTOJO Juan**

**2)FARAJIDANA Amir**

**3)BHATTAD Kapil**

---

(57) Abstract :

Support for multiple wireless access technologies at a common terrestrial radio access network is described herein. By way of example, wireless resources can be reserved in a manner that facilitates transmission of control and reference signals to advanced or emerging-technology user terminals (e.g., LTE-A), while mitigating adverse affects on legacy user terminals (e.g., LTE Release 8). As such, information designated for LTE-A terminals can be embedded in predetermined reserved locations, which exploit known standardized behavior of legacy terminals in expecting information at specific locations. Such reserving of resources can occur typically without the legacy terminals being affected, mitigating or avoiding performance degradation for legacy terminals.

No. of Pages : 66 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/02/2011

(21) Application No.949/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHODS, APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING TEMPORAL INFORMATION

(51) International classification	:H04W48/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2008/070238
Filing Date	:16/07/2008
(87) 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)NOKIA CORPORATION

Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland

(72)Name of Inventor :

1)Gabor Bajko

(57) Abstract :

An apparatus for providing temporal information may include a processor. The processor may be configured to provide a request for receipt of temporal information associated with a wireless communication access point, and receive a response to the request prior to either or both of authentication of a device providing the request by the wireless communication access point or association of the device with the wireless communication access point in which the response includes the temporal information. FIG. 2

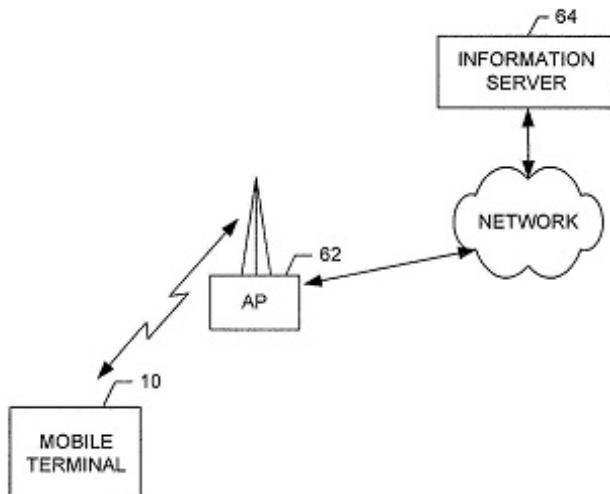


FIG. 2.

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2006

(21) Application No.927/CHENP/2006 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHOD AND APPARATUS FOR MANAGING MULTICAST DELIVERY TO MOBILE DEVICES INVOLVING A PLURALITY OF DIFFERENT NETWORKS

(51) International classification	:H04Q
(31) Priority Document No	:10/665,812
(32) Priority Date	:18/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/030290
Filing Date	:14/09/2004
(87) International Publication No	:WO 2005/029876
(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)NOKIA CORPORATION**

Address of Applicant : Keilalahdentie 4, FIN-02150 Espoo Finland

(72)**Name of Inventor :**

**1)OOMMEN, Paul**

(57) Abstract :

A data communications system includes a plurality of different networks coupled together by communication links, and further includes at least one multicast agent for coupling a multicast message transmission from a first network to a second network. The multicast agent operates to modify the multicast message transmission from a multicast protocol of the first network to a multicast protocol of the second network. The first network may be an IP network, such as a wireless IP network, and the second network may be a non-IP network, such as WLAN or a Bluetooth network. There may be at least one mobile host coupled to the second network for receiving the multicast message transmission from the multicast agent. There may be multiple intermediate networks coupled between a multicast message server and receiving mobile devices.

No. of Pages : 24 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2006

(21) Application No.956/CHENP/2006 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : NON-LEACHING ADHESIVE SYSTEM AND ITS USE IN A LIQUID IMMERSION OBJECTIVE

(51) International classification	:C09J4/06
(31) Priority Document No	:03102607.3
(32) Priority Date	:20/08/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/051397
Filing Date	:05/08/2004
(87) International Publication No	:WO 2005/019365
(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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :Groenewoudseweg 1, NL-5621 BA  
Eindhoven Netherlands

(72)Name of Inventor :

- 1)VERSTEGEN, Emile, J., K.
- 2)KLOOSTERBOER, Johan, G.
- 3)STAPERT, Hendrik, R.
- 4)NEIJZEN, Jacobus, H., M.
- 5)VAN SANSEN, Helmar

(57) Abstract :

A non-leaching adhesive system and its use in a liquid immersion objective for immersion-writing of masters for optical discs are disclosed. The adhesive system comprises at least one monomer, selected from among the group of acrylate and methacrylate monomers, allylic monomers, norbornene monomers, hybrid monomers thereof, containing chemically different polymerizable groups, and multifunctional thiol monomers, provided that said thiol is used in combination with at least one of said non-thiol monomers; and a polymerization initiator. At least one of said monomers, not being a thiol, is provided with at least two functional polymerizable groups to obtain a crosslinked polymer network. The polymerization initiator is preferably an initiator that can be activated both thermally and with UV radiation. The adhesive system may further contain a reactive diluent. Further the use of the present adhesive system in mounting a liquid immersion objective is disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/02/2011

(21) Application No.956/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : POLYPEPTIDES HAVING ACETYLXYLAN ESTERASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME

(51) International classification

:C12N9/24,  
C12N9/18

(31) Priority Document No

:61/085,116

(32) Priority Date

:31/07/2008

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2009/052368  
Filing Date

:31/07/2009

(87) International Publication No

: NA

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Novozymes A/S

Address of Applicant :Krogshoejvej 36 DK-2880 Bagsvaerd  
(DK) Denmark

(72)Name of Inventor :

1)MARANTA Michelle

2)BROWN Kimberly

(57) Abstract :

The present invention relates to isolated polypeptides having acetylxyran esterase activity and isolated polynucleotides encoding the polypeptides. The invention also relates to nucleic acid constructs, vectors, and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides.

No. of Pages : 138 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/03/2006

(21) Application No.963/CHENP/2006 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : PRODUCTION OF POLYAMIDES

(51) International classification	:C08G 69/04, B01J 19/00	(71)Name of Applicant : <b>1)BASF AKTIENGESELLSCHAFT</b> Address of Applicant : 67056 Ludwigshafen Germany
(31) Priority Document No	:103 38 919.9	(72)Name of Inventor :
(32) Priority Date	:20/08/2003	<b>1)DEMETER, Jurgen</b>
(33) Name of priority country	:Germany	<b>2)SOTJE, Oliver</b>
(86) International Application No	:PCT/EP2004/007874	<b>3)BASSLER, Hans-Jurgen</b>
Filing Date	:15/07/2004	<b>4)DEININGER, Jurgen</b>
(87) International Publication No	:WO 2005/019304	<b>5) KLAPPERT, Karl-Heinrich</b>
(61) Patent of Addition to Application Number	:NA	<b>6)WINTERLING, Helmut</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an improved process for the preparation of Irinotecan hydrochloride trihydrate of formula (4) of enhanced yield, purity by contacting 1-chlorocarbonyl-4-piperidinopiperidine hydrochloride with 7-ethyl-10 hydroxy-camptothecin [IRT-3 (synthetic)] to obtain crude Irinotecan which is subsequently purified by solvent treatment, obtaining purified irinotecan which is converted into irinotecan hydrochloride trihydrate and the invention also relates to a report of the compound 1-chlorocarbonyl-4-piperidinopiperidine hydrochloride of formula (1) and its process for preparation.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/02/2011

(21) Application No.968/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : DYNAMIC CONTENT SORTING USING TAGS

(51) International classification	:G06Q50/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2008/079884
Filing Date	:14/10/2008
(87) 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 :

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(72)Name of Inventor :

1)Jason D GOLDMAN

2)James Louis LONG

(57) Abstract :

A data processing system facilitates organization of content such as digital photographs, video files, audio tracks, and the like. The data processing system comprises a content manager that manages a content database and includes a content database initialization or creation utility and a content database search utility. The a content database initialization utility creates a content database by assigning one or more tags that represents context of the content to content and combines the tag or tags with associated content in a data structure, and saves the data structure in a database. The content database search utility specifies a set of tag values representing context of content and initiates a database query for determining a set of content items that match the specified set of tag values. The content database search utility searches for the set of content items that match the tag values. [FIG. 1]

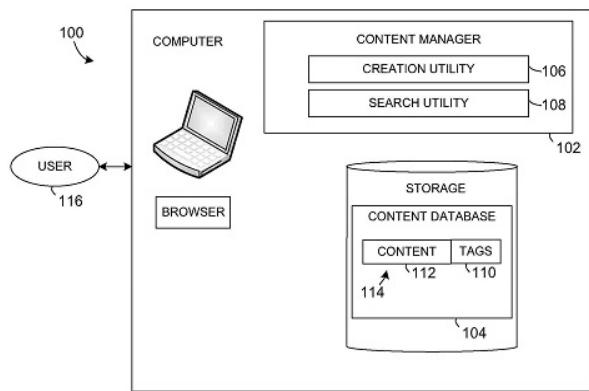


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/02/2011

(21) Application No.1360/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SYSTEM AND METHOD FOR ROUTING COMMANDS IN A MODULARIZED SOFTWARE SYSTEM

(51) International classification	:G06F15/173
(31) Priority Document No	:61/085,407
(32) Priority Date	:31/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/052204
Filing Date	:30/07/2009
(87) 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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**1)KIEFER Matthew**

**2)BAYDIAN Edmond**

**3)FUCCILLO Joseph**

---

(57) Abstract :

Converged network management application and system is provided that delivers a management platform as a service that can view and/or manage all managed networks in the aggregate, or any one of them individually (including individual devices within the managed networks), in a secure and efficient manner, providing continuously available intelligence in real time on the managed networks and systems, and overcoming integration issues including conflicting address schemas, the need to avoid unnecessary infrastructure, and the need acquire all necessary information in real time within applicable memory and bandwidth constraints.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/02/2011

(21) Application No.993/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : NANOPORE DEVICE AND A METHOD FOR NUCLEIC ACID ANALYSIS

(51) International classification	:G01N15/12
(31) Priority Document No	:08160644.4
(32) Priority Date	:17/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/050635
Filing Date	:17/02/2009
(87) 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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(72)Name of Inventor :

1)VAN DER ZAAG Pieter J.  
2)VAN DE STOLPE Anja  
3)MCCOO Elaine  
4)VAN WANROOIJ Eva J. A.

(57) Abstract :

A nanopore device is described wherein is provided a second component for detection of target molecules, from a common sample input, under similar conditions to the usual first assembly, during rapid nucleic acid analysis. Fig. 1

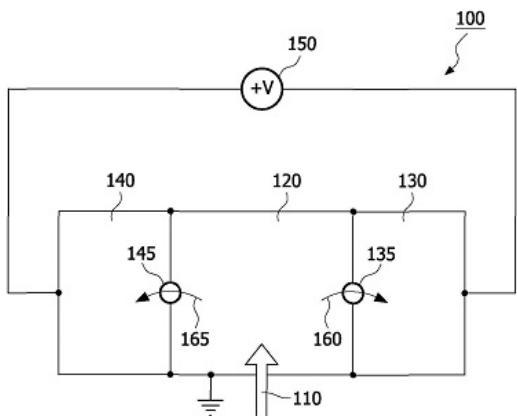


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/02/2011

(21) Application No.994/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : SPECTRAL IMAGING

(51) International classification	:A61B6/00
(31) Priority Document No	:61/081752
(32) Priority Date	:18/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2009/052672
Filing Date	:22/06/2009
(87) 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 :

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(72)Name of Inventor :

1)PROKSA Roland

(57) Abstract :

A method includes concurrently modulating administration of at least two different contrast agents to a subject during an imaging procedure based on a modulation profile. The at least two different contrast agents exhibit different spectral characteristics. The method further includes performing a spectral decomposition of data indicative of the at least two different contrast agents, determining concentrations of the at least two different contrast agents based on the spectral reconstruction, and determining a perfusion parameter based on a ratio of the concentrations and the modulation profile. Fig.1

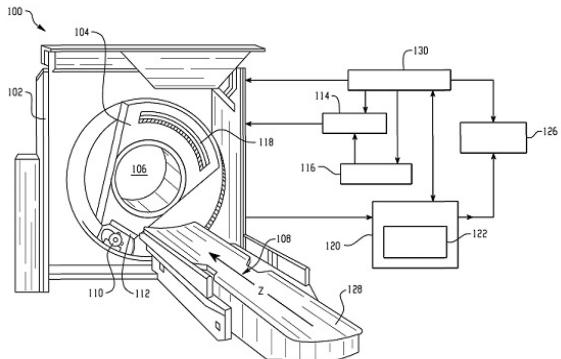


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/02/2011

(21) Application No.995/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : PROCESS FOR PROVIDING AN ASSEMBLY OF CELL MICROCARRIERS

(51) International classification	:C12N5/00
(31) Priority Document No	:08104740.9
(32) Priority Date	:14/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/052757
Filing Date	:26/06/2009
(87) 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 :

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(72)Name of Inventor :

**1)HALTER David**  
**2)PEETERS Emiel**  
**3)PENTERMAN Roel**  
**4)KURT Ralph**  
**5)BROER Dirk J.**

(57) Abstract :

The present invention is related to a process for providing an assembly of cell microcarriers, comprising the steps of providing planar, two-dimensional objects having two sides (flakes), wherein these objects comprise a material which, upon application of an extrinsic stimulus, is transferred from the planar state into a rolled state, providing cells on one side of said flakes (cell-bearing side), transferring the flakes from the planar state into a rolled state (cell wrap) by application of said extrinsic stimulus, and coupling at least one type of binding agent to the flakes (Fig. 2)

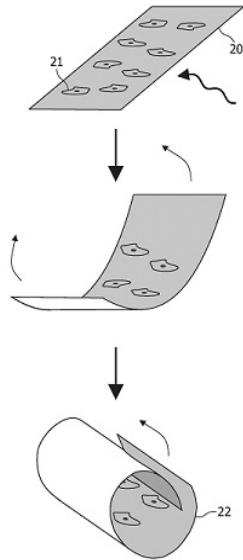


FIG. 2

No. of Pages : 50 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/02/2011

(21) Application No.996/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND APPARATUS FOR SELECTING A MULTIMEDIA ITEM

(51) International classification	:G06F17/30
(31) Priority Document No	:08160377.1
(32) Priority Date	:15/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/053010
Filing Date	:10/07/2009
(87) 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 :

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(72)Name of Inventor :

1)SKOWRONEK Janto

(57) Abstract :

Multimedia items are selected from a plurality of candidate multimedia items by: determining (201) a plurality of features characterizing a user collection of multimedia items; determining (203) a probability function from said determined features, said probability function having a plurality of maxima, said plurality of maxima indicating the probability that a user prefers an item having the combination of features represented by said maxima; and selecting (209) at least one multimedia item from a plurality of candidate multimedia items on the basis of at least one of said determined maxima. Fig. 2

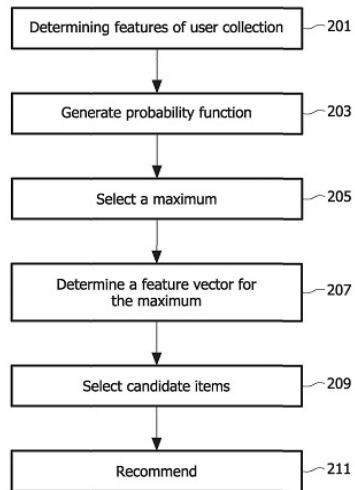


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/02/2011

(21) Application No.997/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD

(51) International classification	:H01L23/29
(31) Priority Document No	:08160537.0
(32) Priority Date	:16/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/052982
Filing Date	:09/07/2009
(87) 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 :

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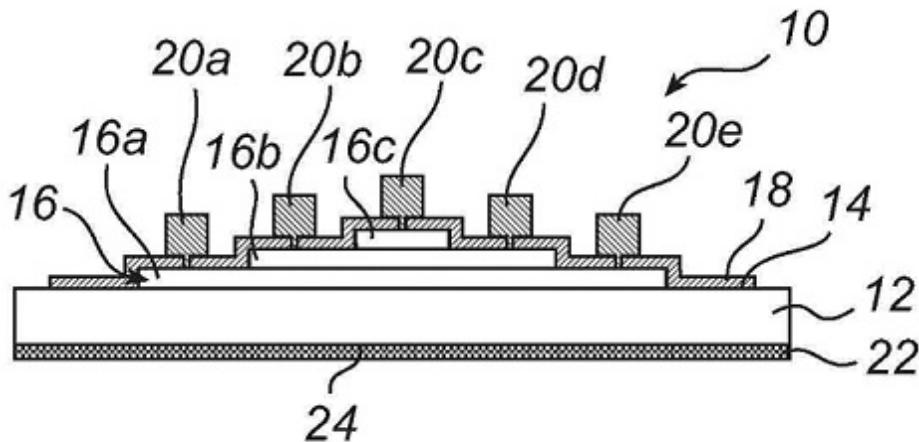
(72)Name of Inventor :

1)KLOOTWIJK Johan H.

2)Timmering Eugene

(57) Abstract :

The present invention relates to a device (10) comprising a substrate (12) having a front surface (14) and a back surface (24); a semiconductor element (16) provided on the front surface of the substrate; a first passivation layer (18); and a second passivation layer (22) provided on the back surface of the substrate. The present invention also relates to a method of manufacturing such a device. Fig. 1a



**FIG. 1a**

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/02/2011

(21) Application No.929/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : DEVICE AND METHOD FOR CONTROLLING WIND TURBINE

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(51) International classification	:F03D7/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP10/058905
Filing Date	:24/05/2010
(87) International Publication No	:WO 2011/148471
(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)MITSUBISHI HEAVY INDUSTRIES, LTD.**

Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO Japan

(72)**Name of Inventor :**

**1)BABABABA, MITSUYA**

(57) Abstract :

In a conventional technique, a shutdown sequence indicating a sequential operation from a start of the feathering of a wind turbine to the stop is started in response to an alert signal caused by an external factor. In the present invention, when the alert is called off during the shutdown sequence, the shutdown sequence is stopped, and the recovery control by which the pitch angle of the wind turbine blade is controlled toward the fine state is performed. By such a control, the stop period of the wind turbine under the shutdown can be shortened, so that the decrease in the operating rate of the wind farm can be suppressed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/02/2011

(21) Application No.969/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHODS AND APPARATUSES FOR PROCESSING MEASUREMENT GAPS IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W24/10	(71) <b>Name of Applicant :</b> <b>1)QUALCOMM Incorporated</b> Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 USA.
(31) Priority Document No	:61/087,930	
(32) Priority Date	:11/08/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2009/053478	
Filing Date	:11/08/2009	
(87) 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 a wireless communication system, user equipment (UE) is provided, one or more set of rules are provided for the UE to handle the processing during a measurement gap. In some aspects, the gap measurement may be ignored. In some aspects, the processing is stored and handled at a later in time and gap measurements are performed. Depending on the system, the measurements performed during the gaps may be UE implementation dependent, wherein the UE determines whether to perform the measurement for a given gap. In some instances, the UE may not perform measurements during the gap, thereby giving priority to other processing, such as RACH processing. Depending on the type of processing required (DL-SCH, UL-SCH, TTI bundling, RACH or SR), the UE may store requests and process the measurements during the gap or ignore the gap measurement as if there were no gaps.

No. of Pages : 72 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/02/2011

(21) Application No.970/CHENP/2011 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : INTER-SECTOR CONTROL CHANNEL TRANSMISSION

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(51) International classification	:H04W16/02
(31) Priority Document No	:12/199,413
(32) Priority Date	:27/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/055179
Filing Date	:27/08/2009
(87) 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 :**

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5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)**Name of Inventor :**

**1)JULIAN David**

**2)GORE Dhananjay**

---

(57) Abstract :

Provided is a more efficient manner of transmitting a control message to reach into a neighboring sector (e.g., inter-sector) of a wireless network environment. The control message can be utilized for purposes such as handoff, indicating an amount of interference, inter-sector power control for managing inter-sector interference, sector loading, or other control messages. The control message can be placed on a set of resources utilizing planned reuse and/or statistical reuse. Statistical reuse includes selecting a subcarrier set for carrying the control message. According to some aspects, the control message can be sent over a backhaul channel.

No. of Pages : 61 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/02/2011

(21) Application No.998/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND SYSTEM FOR PREVENTING OVERHEARING OF PRIVATE CONVERSATIONS IN PUBLIC PLACES

(51) International classification	:G10K11/175
(31) Priority Document No	:08160716.0
(32) Priority Date	:18/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2009/052996
Filing Date	:10/07/2009
(87) 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 :

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(72)Name of Inventor :

1)MASON Jonathan David  
2)LOENEN Evert Jan van  
3)BULLENS Gerardus

(57) Abstract :

A method for preventing overhearing of private conversations in public spaces is disclosed. The method comprises detecting the social activity of the people in the public space and assessing the social situation and adapting the degree of sound masking and/or sound absorption at the desired locations to suit the assessed social situation. The method can be useful in public environments such as airports, city centers, club, bars, cafes and shopping centers where it is required to prevent overhearing of private conversations.

Fig.1&2

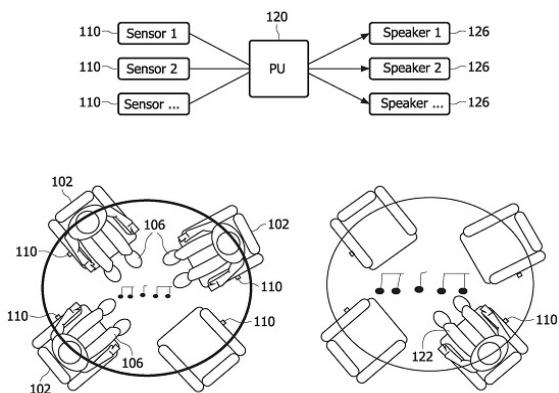


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/02/2011

(21) Application No.999/CHENP/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : AN OPTICAL ELEMENT FOR A LIGHT EMITTING DEVICE AND A METHOD OF MANUFACTURING THEREOF

(51) International classification

:H01L33/00

(31) Priority Document No

:08160876.2

(32) Priority Date

:22/07/2008

(33) Name of priority country

:EPO

(86) International Application No

:PCT/IB2009/053064

Filing Date

:15/07/2009

(87) International Publication No

: NA

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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2)VAN HAL Henricus A. M.

3)JAGT Hendrik J. B.

4)STEIGELMANN Oliver J.

(57) Abstract :

The present invention relates to an optical element for a light emitting device, wherein the optical element comprises a sintered ceramic body comprising a wavelength converting layer and a scattering layer, and to a method of manufacturing thereof. More specifically, the invention relates to an optical element, comprising a sintered ceramic body of a first layer and a second layer arranged on the first layer, wherein the first layer comprises a wavelength converting material, the porosity of the second layer is higher than the porosity of the first layer, and pores in the second layer are arranged to provide scattering of a light beam. The method for manufacturing of the optical element comprises providing a green body comprising a first layer of a first material and a second layer of a second material; and co-sintering said layers into a sintered ceramic body; Fig. 1

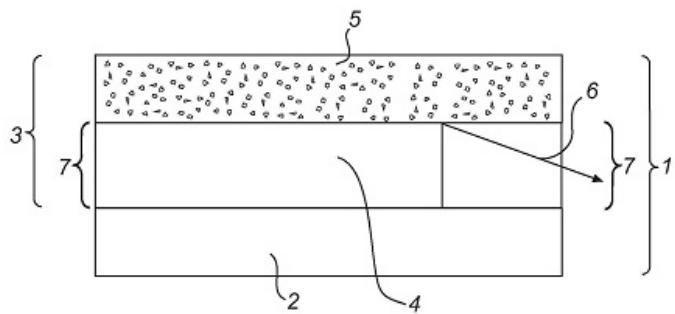


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/02/2011

(21) Application No.950/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHOD FOR PRODUCING AQUEOUS COMPATIBLE NANOPARTICLES

---

(51) International classification	:C01G9/08, C01G11/00
(31) Priority Document No	:0813273.0
(32) Priority Date	:19/07/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/001777
Filing Date	:17/07/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

**1)PICKETT Nigel**

**2)MARK Christopher McCairn**

(57) Abstract :

The present invention relates to a method for producing aqueous compatible nanoparticles. More particularly, the present invention provides a method for producing aqueous compatible semiconductor nanoparticles by binding pre- modified ligands to the nanoparticles without the need for further post-binding modification to render the nanoparticles aqueous compatible. Nanoparticles modified in this way can exhibit enhanced fluorescence and stability compared to aqueous compatible nanoparticles producing using prior art methods requiring post-binding modification processes.

No. of Pages : 41 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/02/2011

(21) Application No.951/CHENP/2011 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : PROCESS FOR MAKING AN EXTRUDED FOOD PRODUCT

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(51) International classification	:A21D13/00, A21D13/08
(31) Priority Document No	:08 04433
(32) Priority Date	:01/08/2008
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2009/000896 :21/07/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

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(72)Name of Inventor :

**1)ERRAJI Mohamed**

**2)VENET Vronique**

**3)PAGE Edouard**

(57) Abstract :

The invention relates to a process for making an extruded food product, characterized in that to enable inclusions to be deposited on the surface, it comprises downstream of at least one extrusion die producing a ribbon of extruded and expanded paste: a) surface deposition of at least one layer of an instant-grab food-grade adhesive; b) surface deposition of inclusion including at least one type of inclusion; c) pre-cutting of the paste ribbon; d) drying and toasting of the paste ribbon; e) snapping of the paste into individual extruded portions; f) chilling of the individual extruded portions; and in that it comprises, before a and between b and c, rolling-out of the extruded paste ribbon.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/11/2010

(21) Application No.1271/KOL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : AUTOMATED START-STOP SYSTEMS AND METHODS FOR INTERNAL COMBUSTION ENGINES

(51) International classification	:F02B25/14
(31) Priority Document No	:12/651,514
(32) Priority Date	:04/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(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

**(71)Name of Applicant :**

**1)GM GLOBAL TECHNOLOGY OPERATIONS, INC.**  
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**(72)Name of Inventor :**

**1)AWADESH TIWARI  
2)VIJAY SHETTIGAR  
3)AMIT KUMAR  
4)SRINIVAS B. CHANDE**

**(57) Abstract :**

An automated start/stop system for a vehicle comprises an auto-stop module, a diagnostic module, and an auto-start module. The auto-stop module selectively initiates an auto-stop event and shuts down an engine while the vehicle is running. The diagnostic module selectively diagnoses a fault in a clutch pedal position sensor of the vehicle. The auto-start module, while the vehicle is running and the engine is shut down, selectively initiates an auto-start event after the fault has been diagnosed when current drawn by a starter motor is less than a predetermined maximum starting current.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/11/2010

(21) Application No.1275/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD FOR FULL-BANDWIDTH SOURCE DEGHOSTING OF MARINE SEISMIC STREAMER DATA

(51) International classification	:G01V3/08
(31) Priority Document No	:12/653,099
(32) Priority Date	:07/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(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

(71)Name of Applicant :

1)PGS GEOPHYSICAL AS

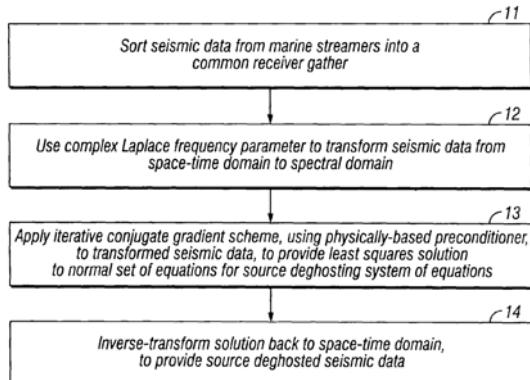
Address of Applicant :STRANDVEIEN 4, N-1366 LYSAKER NORWAY

(72)Name of Inventor :

- 1)VAN BORSELEN, ROALD G.
- 2)RIYANTI, CHRISTINA D.
- 3)PAGE, CHRISTOPHER P.
- 4)FOKKEMA, JACOB T
- 5)VAN DEN BERG, PETER M.

(57) Abstract :

Seismic data recorded in a marine streamer are obtained, sorted as a common receiver gather. A complex Laplace frequency parameter is used to transform the seismic data from a space-time domain to a spectral domain. An iterative conjugate gradient scheme, using a physically-based preconditioner, is applied to the transformed seismic data, to provide a least squares solution to a normal set of equations for a source deghosting system of equations. The solution is inverse-transformed back to a space-time domain to provide source deghosted seismic data, which is useful for imaging the earth's subsurface.



No. of Pages : 34 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/11/2010

(21) Application No.1281/KOL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SLIDING DOOR FOR A VEHICLE

(51) International classification	:B60J5/08
(31) Priority Document No	:102009057325.9
(32) Priority Date	:07/12/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)DURA AUTOMOTIVE BODY & GLASS SYSTEMS  
GMBH**

Address of Applicant :KOENIGSTRASSE 57, D-58840  
PLETTENBERG GERMANY

(72)Name of Inventor :

**1)GERHARD HEUEL  
2)MICHAEL KREHMKE  
3)RALF ROTTMANN**

(57) Abstract :

A sliding door for a motor vehicle includes a guide rail and a sliding carriage which is longitudinally displaceably journaled at the guide rail and which is connected to the vehicle body by a multijoint. The sliding door furthermore includes a centering (42) at its end remote from the multijoint which is releasably connectable to a counter-bearing (48) at the body side. To improve such a sliding door, a damper (63) is provided for damping the movement of the sliding door (41) on the connection of the centering (42) to the counter-bearing (48).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/11/2010

(21) Application No.1276/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : REAL-TIME RUN-TIME SYSTEM AND FUNCTIONAL MODULE FOR SUCH A RUN-TIME SYSTEM

(51) International classification	:G06F9/48
(31) Priority Document No	:102009047025.5-55
(32) Priority Date	:23/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)BECKHOFF AUTOMATION GMBH**

Address of Applicant :EISERSTRASSE 5, 33415 VERL,  
GERMANY

(72)**Name of Inventor :**

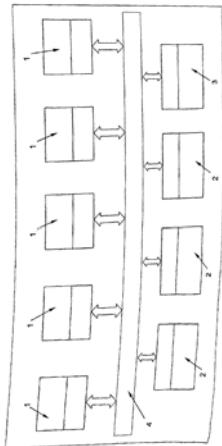
**1)DIRK JANSSEN**

**2)GERD HOPPE**

**3)JAN LÜMKEMANN**

(57) Abstract :

A real-time run-time system comprises a plurality of functional modules and an administration module. The plurality of functional modules is configured to log on to the administration module by means of an assigned module identification during a transitional state between initialization and pre-operation and to log off during a transitional state between pre-operation and initialization. At least one of the plurality of functional modules is configured to establish communication connections with further functional modules via the administration module during the transitional state between pre-operation and trial operation, to break down the communication connections during the transitional state between trial operation and pre-operation, to log on to the further functional modules during the transitional state between trial operation and real-time operation and to log off during the transitional state between real-time operation and trial operation.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/11/2010

(21) Application No.1282/KOL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : OPEN-HUB CENTRIFUGAL BLOWER ASSEMBLY

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(51) International classification	:F04D29/40	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/619,450	<b>1)ROBERT BOSCH GMBH</b>
(32) Priority Date	:16/11/2009	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:U.S.A.	STUTTGART GERMANY
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CZULAK, ALEXANDER</b>
(87) International Publication No	: NA	<b>2)CHAPMAN, THOMAS R.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

---

(57) Abstract :

An open-hub centrifugal blower includes a hub rotatable about an axis, an outer rim concentric with the hub, a plurality of blades coupled to the outer rim, a plurality of spokes interconnecting the hub and the outer rim, and a cooling rib extending from at least one of the spokes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2010

(21) Application No.1287/KOL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : AIR ASSISTED INJECTOR, AND INJECTION SYSTEM AND EXHAUST TREATMENT SYSTEM INCORPORATING THE SAME

(51) International classification	:F01N3/30
(31) Priority Document No	:12/628,435
(32) Priority Date	:01/12/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(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

(71)**Name of Applicant :**

**1)GM GLOBAL TECHNOLOGY OPERATIONS, INC.**  
Address of Applicant :300 RENAISSANCE CENTER,  
DETROIT, MICHIGAN 48265-3000 U.S.A.

(72)**Name of Inventor :**

**1)DEOKKYU (JAMES) PARK**

(57) Abstract :

An air-assisted fluid injector has an injector housing having a nozzle bore and an injector nozzle sealably disposed in the nozzle bore and having an exposed injector face on one end that projects from an end of the nozzle bore, the injector nozzle having a fluid conduit on an other end that extends from a fluid inlet toward the injector face and that opens into a plurality of fluid outlet conduits that extend to a corresponding plurality of fluid outlets spaced apart on the injector face and operable to provide a predetermined spray pattern. The injector also includes an air conduit having an air inlet on the other end of the injector nozzle extending through the injector housing and opening into a plurality of air conduit outlets proximate the injector face, each air conduit outlet extending to and opening into a respective fluid conduit outlet.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2010

(21) Application No.1288/KOL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING AN ENGINE DURING DIESEL PARTICULATE FILTER REGENERATION WARM-UP

(51) International classification	:F01N9/00
(31) Priority Document No	:12/683,048
(32) Priority Date	:06/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

**(71)Name of Applicant :**

**1)GM GLOBAL TECHNOLOGY OPERATIONS, INC.**  
Address of Applicant :300 RENAISSANCE CENTER,  
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**(72)Name of Inventor :**

**1)JULIAN C. TAN  
2)JOHN ZEILSTRA  
3)CHRISTOPH THOELE  
4)GUSTAVO TEPEDINO**

---

**(57) Abstract :**

A method and control system for controlling an engine during diesel particulate filter regeneration includes a diesel particulate filter (DPF) regeneration request module that generates a DPF regeneration request signal. The control system also includes a DPF regeneration control module that controls the oxygen level in the exhaust based on an oxygen level signal corresponding to an oxygen level in the exhaust and a DPF inlet temperature signal corresponding to the DPF inlet temperature.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2010

(21) Application No.1292/KOL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : ACTUATOR-BASED CALIBRATION SYSTEM FOR A PRESSURE-SENSITIVE CATHETER

(51) International classification :A61B19/00  
(31) Priority Document No :12/646050  
(32) Priority Date :23/12/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :NA  
    Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
    Filing Date :NA  
(62) Divisional to Application Number :NA  
    Filing Date :NA

(71)Name of Applicant :

**1)BIOSENSE WEBSTER (ISRAEL), LTD.**

Address of Applicant :4 HATNUFAH STREET, P.O. BOX 275, YOKNEAM 20692, ISRAEL

(72)Name of Inventor :

**1)ASSAF GOVARI**

**2)YARON EPHRATH**

**3)ANDRES CLAUDIO ALTMANN**

(57) Abstract :

A calibration apparatus includes a fixture coupled to hold a distal end of a medical probe. An actuator is configured to press against the distal tip of the probe and apply to the distal tip multiple force vectors having respective magnitudes and angles with respect to the distal end, so as to cause a deformation of the distal tip relative to the distal end. A sensing device is configured to measure the magnitudes of the force vectors applied by the actuator. A calibration processor is configured to receive from the probe first measurements indicative of the deformation of the distal tip in response to the force vectors, to receive from the sensing device second measurements indicative of the magnitudes of the force vectors, and to compute, based on the angles and the first and second measurements, calibration coefficients for assessing the force vectors as a function of the first measurements.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2010

(21) Application No.1293/KOL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : CALIBRATION SYSTEM FOR A PRESSURE-SENSITIVE CATHETER

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(51) International classification

:G05D17/02

(31) Priority Document No

:12/646242

(32) Priority Date

:23/12/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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**1)BIOSENSE WEBSTER (ISRAEL), LTD.**

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(72)Name of Inventor :

**1)ASSAF GOVARI**

**2)YARON EPHRATH**

**3)ANDRES CLAUDIO ALTMANN**

---

(57) Abstract :

A calibration apparatus includes a fixture, which is coupled to accept a probe so that a distal tip of the probe presses against a point in the fixture and produces first measurements indicative of a deformation of the distal tip relative to a distal end of the probe, in response to pressure exerted on the distal tip. A sensing device is coupled to the fixture and is configured to produce second measurements of a mechanical force exerted by the distal tip against the point. A calibration processor is configured to receive the first measurements from the probe, to receive the second measurements from the sensing device and to compute, based on the first and second measurements, one or more calibration coefficients for assessing the pressure as a function of the first measurements.

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2010

(21) Application No.1294/KOL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : COMPOSITIONS FOR REPELLING FLUID AND USES THEREOF

(51) International classification

:A61K8/37

(31) Priority Document No

:12/641645

(32) Priority Date

:18/12/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MCNEIL-PPC, INC.

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(72)Name of Inventor :

1)KOFI A. BISSAH

2)RICARDO DE OLIVEIRA

3)SAURABH DESAI

4)JOSEPH J. LIBRIZZI

5)THONG NGUYEN

6)SHOBA PILLAI

---

(57) Abstract :

Provided are compositions for repelling fluids comprising a volatile liquid carrier, a powder-feel agent and less than 5 weight % of an ester selected from the group consisting of formula I, formula II, formula III, and combinations of two or more thereof: wherein R1, R2, R3, R5, R6, R8 and R9 are independently linear or branched, substituted or unsubstituted, saturated or unsaturated, C3-C22 alkyl or alkenyl groups, R4 is a linear or branched, substituted or unsubstituted, saturated or unsaturated, C3-C22 alkylene or alkenylene moiety, and R7 is a linear or branched, substituted or unsubstituted, saturated or unsaturated C3-C22 moiety, the composition being substantially anhydrous. Also provided are methods of improving dryness and/or comfort associated with the intimate area, as well as, kits comprising the composition and an absorbent article.

No. of Pages : 38 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2010

(21) Application No.1299/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : TUCK-IN METHOD AND TUCK-IN DEVICE FOR SHUTTLELESS LOOM

(51) International classification	:D03D45/50
(31) Priority Document No	:2009-271221
(32) Priority Date	:30/11/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(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

(71)Name of Applicant :

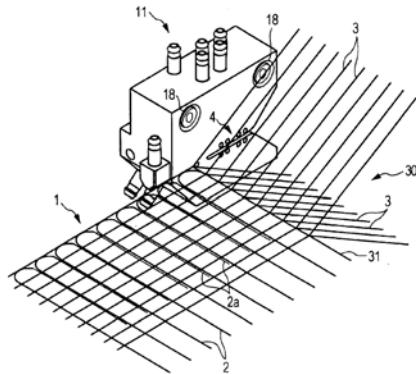
1)TSUDAKOMA KOGYO KABUSHIKI KAISHA  
Address of Applicant :18-18, NOMACHI 5-CHOME,  
KANAZAWA-SHI, ISHIKAWA-KEN, 921-8650 JAPAN

(72)Name of Inventor :

1)KAKUTANI, KAZUTO  
2)UESHIMA, TAMOTSU

(57) Abstract :

An air jet tuck-in device for use in a shuttleless loom for weaving a fabric (1) including a plurality of weave sections having different weft densities includes one or more tuck-in nozzles (4) disposed at a side of a row of warp yarns for tucking an end portion (2a) of a weft yarn into a warp shedding (30) after weft insertion; switching means (5) that switches an ejection position of the tuck-in nozzles (4) between a first ejection position that corresponds to a first weave section (1a) and a second ejection position that corresponds to a second weave section (1b); and control means (6) that selects the ejection position of the tuck-in nozzles (4) and operates the switching means (5) on the basis of a result of the selection, the selection being performed on the basis of a signal related to an input weft density or a weaving condition associated with the weft density.



No. of Pages : 46 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2010

(21) Application No.1303/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : SHOULDER PROSTHESIS ASSEMBLY HAVING GLENOID RIM REPLACEMENT STRUCTURE

(51) International classification

:A61F2/40

(31) Priority Document No

:12/632,865

(32) Priority Date

:08/12/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)DEPUY PRODUCTS, INC.**

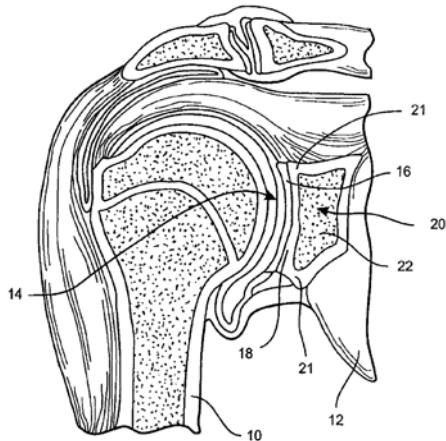
Address of Applicant :700 ORTHOPAEDIC DRIVE  
WARSAW, IN 46581 U.S.A.

(72)Name of Inventor :

**1)KYLE LAPPIN  
2)MATT STONE  
3)LIEVEN DE WILDE  
4)JOSEPH IANNOTTI  
5)CARL BASAMANIA**

(57) Abstract :

A prosthesis assembly for use with a scapula is disclosed. The prosthesis assembly includes a glenoid bearing support and a bearing. The glenoid bearing support includes a glenoid vault-occupying portion configured to occupy at least a portion of a glenoid vault of the scapula, the glenoid-vault occupying portion having a first coupling component. The glenoid bearing support further includes a glenoid rim replacement portion attached to the glenoid vault-occupying portion. The bearing defines a bearing surface and has a second coupling component configured to cooperate with the first coupling component to couple the bearing to the glenoid vault-occupying portion. The glenoid vault-occupying portion defines a bearing-side end portion and an opposite-side end portion. The glenoid rim replacement portion projects outwardly from the bearing-side end portion of the glenoid vault-occupying portion. The glenoid bearing support defines a bone graft receptacle.



No. of Pages : 44 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2010

(21) Application No.1305/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD FOR ATTENUATING INTERFERENCE NOISE IN DUAL-SENSOR SEISMIC DATA

(51) International classification

:G01V1/38

(31) Priority Document No

:12/653,688

(32) Priority Date

:16/12/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

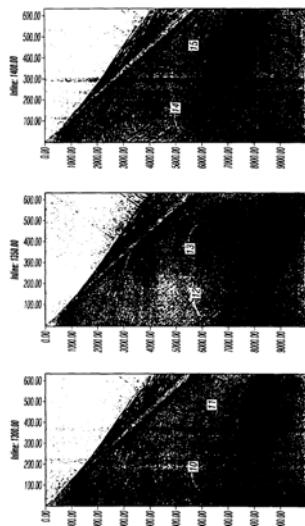
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Filing Date

:NA

(71) Abstract :

A super-gather is constructed by interleaving traces from a hydrophone gather and a geophone gather in seismic data such that traces pertaining to co-located hydrophones and geophones are adjacent to each other. A noise-attenuated super-gather, generated by applying an f-x domain noise identifying and attenuation process to the super-gather, is subtracted from the super-gather to generate a super-gather noise model. A hydrophone gather noise model, generated by removing non-noisy geophone gather traces from the super-gather noise model, is subtracted from the hydrophone gather to generate seismic data with interference noise attenuated.



No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2010

(21) Application No.1316/KOL/2010 A

(43) Publication Date : 30/12/2011

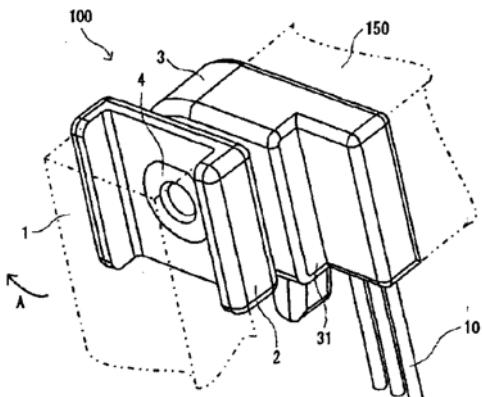
(54) Title of the invention : SIDE STAND POSITION DETECTING DEVICE

(51) International classification	:B62H1/02	(71)Name of Applicant :
(31) Priority Document No	:2009-268206	1)OMRON, AUTOMOTIVE ELECTRONICS CO., LTD. Address of Applicant :6368, NENJOZAKA, OKUSA, KOMAKI-SHI AICHI 485-0802, JAPAN
(32) Priority Date	:26/11/2009	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)KASASHIMA, MASATO 2)FUJII, MASAKI 3)IKUSHIMA, YOSHIHIRO
(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 side stand position detecting device that can prevent generation of a variation in detection result caused by a variation in magnetic force. A side stand position detecting device includes a magnet, a hall IC that is disposed opposite the magnet, and a magnetic shielding plate that turns in association with a turning operation of a side stand. The magnetic shielding plate includes a projection. The projection of the magnetic shielding plate is located in a predetermined region between the magnet and the hall IC when the side stand is located in a standing position, and the projection retreats from the predetermined region when the side stand is located in a storage position.

STANDING POSITION



No. of Pages : 32 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2010

(21) Application No.1317/KOL/2010 A

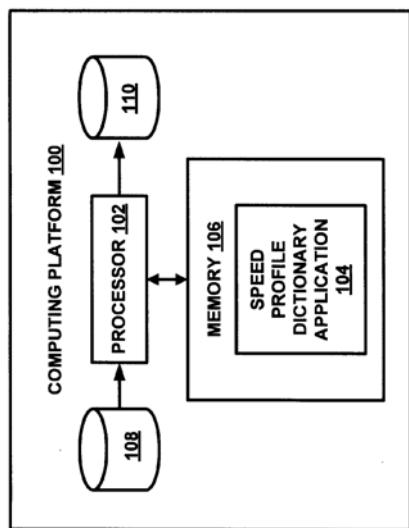
(43) Publication Date : 30/12/2011

(54) Title of the invention : SPEED PROFILE DICTIONARY

(51) International classification	:G01C21/32	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/637,980	<b>1)NAVTEQ NORTH AMERICA, LLC</b>
(32) Priority Date	:15/12/2009	Address of Applicant :425 WEST RANDOLPH STREET, SUITE 1200, CHICAGO, ILLINOIS 60606 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)TENNENT, TOBY S.</b>
Filing Date	:NA	<b>2)APER, MICHAEL L.</b>
(87) International Publication No	: NA	<b>3)LINDSAY, MATTHEW G.</b>
(61) Patent of Addition to Application Number	:NA	<b>4)ROCKWOOD, GARY R.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A speed profile dictionary and associated lookup tables are disclosed. A set of distinct speed profiles is defined using a statistical analysis routine. Preferably, the statistical analysis routine uses clustering. The speed profiles are then matched to location codes identifying physical locations on a road network and days of the week. Applications using historic traffic data may use the speed profile dictionary and one or more lookup tables instead of a complete historic traffic database, thereby reducing the amount of memory needed to store historic traffic data.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2010

(21) Application No.1319/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD OF OPERATING A NAVIGATION SYSTEM TO PROVIDE ROUTE GUIDANCE

(51) International classification	:G06F15/16
(31) Priority Document No	:12/694,405
(32) Priority Date	:27/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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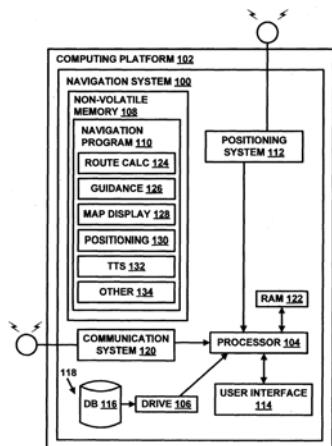
Address of Applicant :425 WEST RANDOLPH STREET,  
SUITE 1200, CHICAGO, ILLINOIS 60606 U.S.A.

(72)Name of Inventor :

1)HOLSINGER, DAVID J.

(57) Abstract :

A method of operating a navigation system to provide a route guidance message for traveling a route is disclosed. A preferred name of a feature visible from a road segment is obtained in a native language from a geographic database associated with the navigation system. The parts-of-speech of the preferred name are identified and converted into a target language text providing the preferred name in a target language. A guidance message includes the target language text in the target language.



No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/11/2010

(21) Application No.1318/KOL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : PAPER TOWEL DISPENSER

(51) International classification	:B65H43/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:20096293	<b>1)ACHTON, KIM</b>
(32) Priority Date	:07/12/2009	Address of Applicant :ARNAKKEGÅRDS ALLE 8 DK-4390
(33) Name of priority country	:Finland	VIPPERØD DENMARK
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ACHTON, KIM</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a paper towel dispenser for dispensing rolled paper web sheet by sheet. The dispenser includes an electrically driven machinery for feeding the paper for displaying a sheet length after the previous length is torn off against a blade at the display opening of the dispenser. Devices are included to command the paper feeding machinery. The devices for commanding the paper feeding machinery include a vibration sensor connected to the blade and generating an electrical signal requesting a further sheet length from the paper feeding machinery.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2010

(21) Application No.1321/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING AN ENGINE DURING DIESEL PARTICULATE FILTER REGENERATION AT IDLE CONDITIONS

(51) International classification	:F02D41/00
(31) Priority Document No	:12/713,328
(32) Priority Date	:26/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

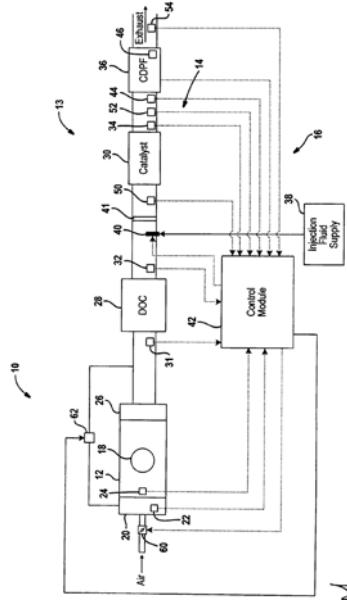
1)GM GLOBAL TECHNOLOGY OPERATIONS, INC.  
Address of Applicant :300 RENAISSANCE CENTER  
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(72)Name of Inventor :

1)JULIAN C. TAN  
2)JOHN ZEILSTRA  
3)CHRISTOPH THOELE  
4)GUSTAVO TEPEDINO

(57) Abstract :

A method and control system for controlling an engine during diesel particulate filter regeneration includes a diesel particulate filter (DPF) regeneration request module that generates a DPF regeneration request signal and an idle condition module that generates an idle condition signal when the engine is at an idle condition. A DPF regeneration control module initiates a timer in response to the DPF regeneration request signal and the idle condition signal. The DPF regeneration control module controls the engine oxygen level to a second level less than a first level corresponding to a non-idle speed level, and after a time period, controls the engine to generate oxygen at a third level greater than the second level.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2010

(21) Application No.1323/KOL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : RUBBER MIXTURE

(51) International classification	:C08K3/04
(31) Priority Document No	:102009047175.8
(32) Priority Date	:26/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :RELLINGHAUSER STRASSE 1-11,  
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(72)Name of Inventor :

- 1)DR. JOACHIM FRÖHLICH**
- 2)PAUL DIETER MESSER**
- 3)DR. MICHAEL WARSKULAT**
- 4)LUIS MOLINARI**
- 5)VANNI VITALI**

(57) Abstract :

The invention relates to a rubber mixture comprising at least one rubber and at least one low-PAH-content carbon black, where the low-PAH-content carbon black has (A) an iodine number of from 17 to 75 mg/g, (B) an STSA surface area of from 17 to 64 m<sup>2</sup>/g, (C) an iodine number:STSA surface area ratio > 1.06 mg/m<sup>2</sup>, (D) an OAN number of from 60 to 160 ml/100 g, (E) a COAN number of from 40 to 110 ml/100 g, (F) a mode greater than 100 nm and (G) benzo(a)pyrene content < 2 ppm. The rubber mixture can be used to produce technical rubber items and tyres.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2010

(21) Application No.1322/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : HYDRAULIC CIRCUIT FOR A POWER TRANSMISSION DEVICE

(51) International classification	:F03D1/00
(31) Priority Document No	:12/689,295
(32) Priority Date	:19/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GM GLOBAL TECHNOLOGY OPERATIONS, INC.

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(72)Name of Inventor :

1)JOHN C. SCHULTZ

2)NORMAN SCHOENEK

3)KEVIN MICHAEL DOUGAN

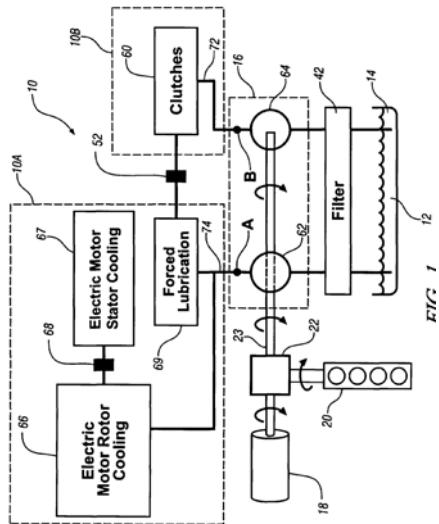
4)EDWIN T. GROCHOWSKI

5)DARYL A. WILTON

6)EDWARD W. MELLET

(57) Abstract :

A hydraulic fluid circuit for a power transmission device includes a first hydraulic circuit segment fluidly decoupled from a second hydraulic circuit segment. A hydraulic pump includes a first fluidic pumping element and a second fluidic pumping element. The first fluidic pumping element fluidly communicates with the first hydraulic circuit segment. The second fluidic pumping element fluidly communicates with the second hydraulic circuit segment. The first fluidic pumping element is controllable to a first pump operating point to achieve a preferred high fluidic flow rate in the first hydraulic circuit segment. The second fluidic pumping element is controllable to a second pump operating point to achieve a preferred high fluidic pressure in the second hydraulic circuit segment.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2010

(21) Application No.1300/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : MOTOR AND ELECTRIC PARKING BRAKE SYSTEM

(51) International classification	:B60T7/00
(31) Priority Document No	:200910109741.2
(32) Priority Date	:17/11/2009
(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

(71)Name of Applicant :

1)JOHNSON ELECTRIC S.A.

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MURTEN SWITZERLAND

(72)Name of Inventor :

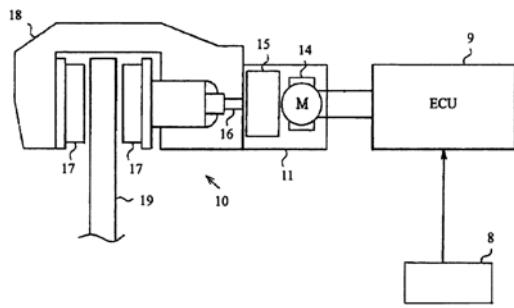
1)MA, HANG CHEONG

2)CHUNG, HING SHING

3)LIAO, HAI NING

(57) Abstract :

A motor for actuating brake members of an electric parking (EPB) system, comprises a stator and a rotor rotatably mounted to the stator. The rotor comprises a shaft, a commutator, a rotor core fixed to the shaft, and rotor windings wound about teeth of the rotor core and electrically connected to segments of the commutator. The rotor windings comprise a plurality of winding units, each of the winding units comprising at least two coils. The coils of each winding unit are wound about the same teeth and connected to a same pair of segments.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1325/KOL/2010 A

(19) INDIA

(22) Date of filing of Application :23/11/2010

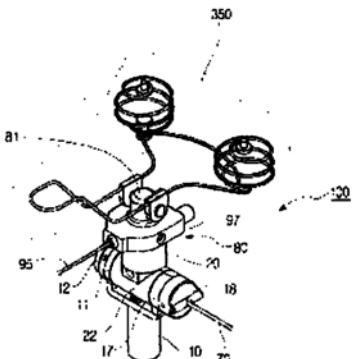
(43) Publication Date : 30/12/2011

(54) Title of the invention : ANGLE ADJUSTING DEVICE FOR BICYCLE SADDLE

(51) International classification	:B62J1/04	(71)Name of Applicant :
(31) Priority Document No	:10-2009-0114089	1)KIM, CHUN-CHOO Address of Applicant :202-1203, SUNGWON APT 742-1, YEUNHEE DONG, SEODAEMUN-KU, SEOUL, 120-113, KOREA
(32) Priority Date	:24/11/2009	(72)Name of Inventor :
(33) Name of priority country	:Republic of Korea	1)KIM, CHUN-CHOO
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an angle adjuster for a bicycle saddle that is disposed between a frame of a vehicle and a saddle. The angle adjuster for a bicycle saddle includes: a frame connector connected to the frame; a saddle connector rotatably connected to the upper end of the frame connector and supporting the saddle; an angle adjusting assembly including a main clutch fixing and releasing the frame connector and the saddle connector, and controlling rotational angle of the saddle connector with respect to the frame connector by the release operation of the main clutch; an operating lever mounted on the frame to operate the main clutch; and a wire connecting the main clutch with the operating lever and operating the main clutch, when the operating lever is operated. Therefore, the angle adjuster for a bicycle saddle according to the present invention makes it possible to adjust angle of the saddle to fit the body shapes of users such that they can ride the bicycle in a comfortable position. Further, it is possible to prevent an accident by appropriately adjusting angle of the saddle such that the user's body does not inclined in one direction, when going up or coming down a slope. In particular, it is possible for the users to freely adjust the angle and height of the saddle by operating the operating lever while the bicycle runs, thereby providing the users with convenience.



No. of Pages : 32 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/11/2010

(21) Application No.1307/KOL/2010 A

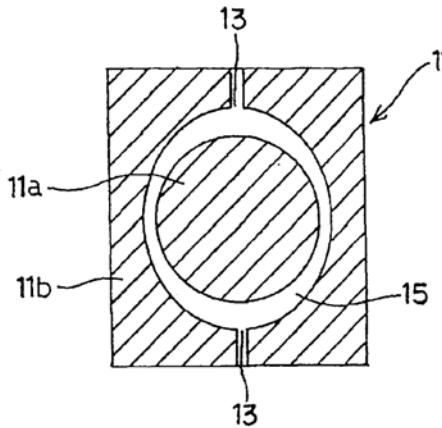
(43) Publication Date : 30/12/2011

(54) Title of the invention : VEHICLE WHEEL AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:B21D53/30	(71)Name of Applicant :
(31) Priority Document No	:JP2010-045276	1)ASAHI TEC CORPORATION
(32) Priority Date	:02/03/2010	Address of Applicant :547-1, HORINOUCHI, KIKUGAWA-CITY, SHIZUOKA, 439-8651 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)AOKI, TATSUYA
(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 :

There is provided a vehicle wheel 5 where an outer circumferential shape of a cross section of a rimportion 3 is formed into a circle having a predetermined diameter by subjecting a wheel precursor 1 obtained by casting using a side gate type wheel casting mold having two gates symmetrical to a wheel axis to spinning uniformly over the entire circumference of the rim portion 3 of the wheel precursor 1. The wheel precursor 1 has a shape where the rim portion 3 has a thickness gradually reducing from gate-corresponding sections 3a which correspond with the gates toward 90° shift sections 3b which are sections of 90° shift in a circumferential direction from the gate-corresponding sections 3a to make a deformation ratio of the gate-corresponding sections 3a higher than that of the 90° shift sections 3b by subjecting the wheel precursor 1 to the spinning.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.1329/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : RESERVE POWER SUPPLY WITH ELECTRODE PLATES CLIPPING WITH AUXILIARY CONDUCTORS

(51) International classification	:H01M2/26
(31) Priority Document No	:12/627,181
(32) Priority Date	:30/11/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(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

(71)Name of Applicant :

1)TAI-HER YANG

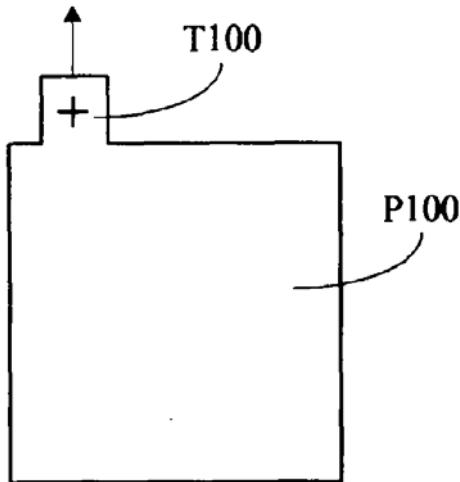
Address of Applicant :NO. 59, CHUNG HSING 8 ST., SI-HU TOWN, DZAN-HWA, TAIWAN, R.O.C.

(72)Name of Inventor :

1)TAI-HER YANG

(57) Abstract :

The present invention relates to one or more electrode plates, which are installed with collecting current terminals at two or more sides thereof, clipping with an auxiliary conductor made of the material with conductivity better than that of the electrode plates; in which collecting current terminals are installed at two or more sides of the auxiliary conductor, for linking with the collecting current terminals installed at two or more sides of the electrode plates, and at least one of which are used to be the general collecting current terminal to output current to the external part or to receive the input current from the external part; and there are insulators installed between the auxiliary conductor and the electrode plates to constitute an electrode unit.



No. of Pages : 82 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2011

(21) Application No.291/KOL/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : TORQUE BLENDING SYSTEMS FOR HYBRID ELECTRIC VEHICLES WITH ELECTRICALLY CONTINUOUS VARIABLE TRANSMISSIONS

(51) International classification	:F01P7/00
(31) Priority Document No	:12/822,603
(32) Priority Date	:24/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(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

(71)**Name of Applicant :**

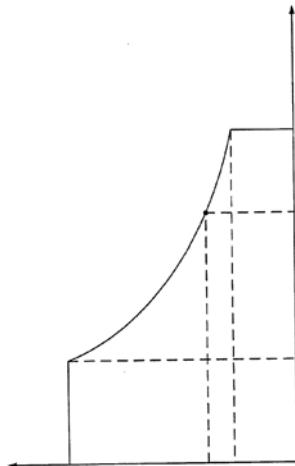
**1)GM GLOBAL TECHNOLOGY OPERATIONS LLC**  
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(72)**Name of Inventor :**

**1)MIN-JOONG KIM**  
**2)ALAN G. HOLMES**  
**3)BRENDAN M. CONLON**

(57) Abstract :

A hybrid control system for a hybrid electric vehicle (HEV) includes a hybrid control module. The hybrid control module includes a first motor control module that controls output torque of a first motor. A second motor control module controls output torque of a second motor based on a second motor torque request signal. The second motor torque request signal is generated based on a transmission output torque request signal prior to startup of an engine of the HEV. An override module generates a torque override request signal during the startup. The first motor control module controls output torque of the first motor to crank the engine during the startup. The second motor control module adjusts output torque of the second motor based on the torque override request signal and not the transmission output torque request signal during the startup to minimize vehicle jerk during the engine start.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/06/2010

(21) Application No.698/KOL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SIDE WINDOW FOR A MOTOR VEHICLE

(51) International classification	:B60J3/00
(31) Priority Document No	:102009031006.1
(32) Priority Date	:29/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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**2)MATTHIAS KÖNIG**  
**3)MR. FRANK WLEBICKE**  
**4)MR. RALF GERNDORF**

(57) Abstract :

A side window for a vehicle, in particular for a motor vehicle, comprises a pane (3) which includes an overmold (4) made of plastics, to which a trim is attachable or attached. To improve such side window, the overmold (4) includes one or more fastening elements (6) on one side (5).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2010

(21) Application No.702/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : BALLAST WATER TREATMENT METHOD AND BALLAST WATER TREATMENT SYSTEM

(51) International classification :C02F1/50  
(31) Priority Document No :2009-164241  
(32) Priority Date :10/07/2009  
(33) Name of priority country :Japan  
(86) International Application No :NA  
    Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
    Filing Date :NA  
(62) Divisional to Application Number :NA  
    Filing Date :NA

(71)Name of Applicant :

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2)MORITA, MINORU

3)TAKEMURA, KIYOKAZU

4)TERUI, SHIGEKI

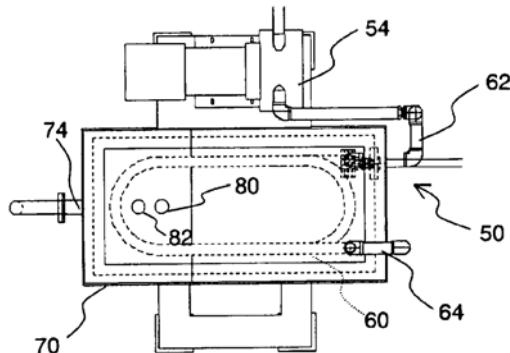
5)NUMATA, YOSHIHARU

6)YUMOTO, SATOSHI

7)HAYASHIDA, KEI

(57) Abstract :

A ballast water treatment system is provided that can kill microorganisms and bacteria or the like included in magnetic flocs so as to eliminate an impact on the environment and human bodies. The ballast water treatment system includes a coagulation section for agitating magnetic powder and coagulant added to ballast water to generate magnetic flocs; and a magnetic separation section for collecting the magnetic flocs generated by the coagulation section. The ballast water treatment system is characterized in having a pipe path to which the magnetic flocs are taken and a heating section for heating the pipe path. The heating section may be provided as a tank and the pipe path may be immersed in the tank.



No. of Pages : 57 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2010

(21) Application No.700/KOL/2010 A

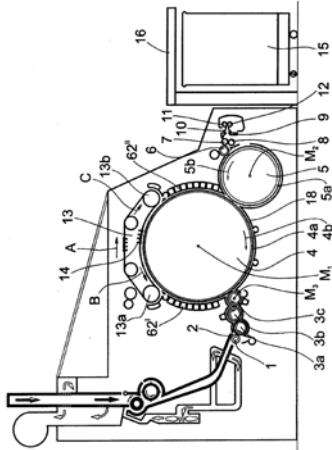
(43) Publication Date : 30/12/2011

(54) Title of the invention : APPARATUS ON A FLAT CARD OR ROLLER CARD FOR SETTING THE WORKING SPACING BETWEEN THE CYLINDER AND AT LEAST ONE NEIGHBOURING ROLLER

(51) International classification	:D01G15/82	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 2009 031 978.6	1)TRÜTZSCHLER GMBH & CO. KG Address of Applicant :DUVENSTRASSE 82-92 D-41199 MÖNCHENGLADBACH GERMANY
(32) Priority Date	:06/07/2009	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Germany	1)BRITTA JACOBS 2)ROBERT PISCHEL
(86) International Application No Filing Date	:NA :NA	
(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 :

In an apparatus on a flat card or roller card for setting the working spacing between the clothed cylinder and at least one clothed neighbouring roller, for example doffer and/or licker-in, which co-operate with one another with a small spacing between their cylindrical surfaces (working spacing) at the fibre transfer points and in which the working spacing can be reset to a pre-determined value as a result of changes in dimensions caused by thermal expansion and/or centrifugal forces, an adjustment device operable by supplying thermal energy is provided for the neighbouring roller. In order to enable the setting of a pre-determined spacing between neighbouring rollers to be effected in a simple way and within a short space of time in the event of changes in the dimensions of the rollers, there is provided a device for actively supplying and/or dissipating thermal energy which is associated with the adjustment device, wherein in the event of a change in the dimensions of the rollers the working spacing between the cylinder and at least one neighbouring roller can be set or reset.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2010

(21) Application No.703/KOL/2010 A

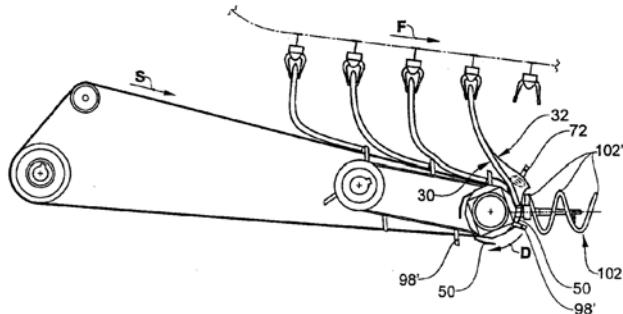
(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND DEVICE FOR OPENING PRINTED PRODUCTS

(51) International classification	:B65H5/30	(71)Name of Applicant :
(31) Priority Document No	:01088/09	1)FERAG AG
(32) Priority Date	:13/07/2009	Address of Applicant :ZÜRICHSTRASSE 74, 8340 HINWIL
(33) Name of priority country	:Switzerland	SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BENZ, MARC-ANDREAS
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a method and a device for opening printed products (26), folded printed products (20) are held on a back (28) and transported. Thereby, they are aligned at an edge region (44) lying opposite the back (28). for example by way of co-running lugs (98"). Subsequently, the edge region (44) is encompassed by a holding element (50) and held in a preferably loose manner. Preferably, the uppermost sheet of the printed product (26) is gripped with a revolving opening element (72) engaging on the printed product (26) behind the edge region (44), and pulled out of the holding element (50), whilst the remaining sheet or the remaining sheets of the printed product (26) remain in the holding element (50). After moving a holding-open element (102) into the printed product (26) opened in such a manner, the holding element (50) moves away to the bottom and thus the edge region (44) of the printed product (26) slips out of the holding element (50).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2010

(21) Application No.701/KOL/2010 A

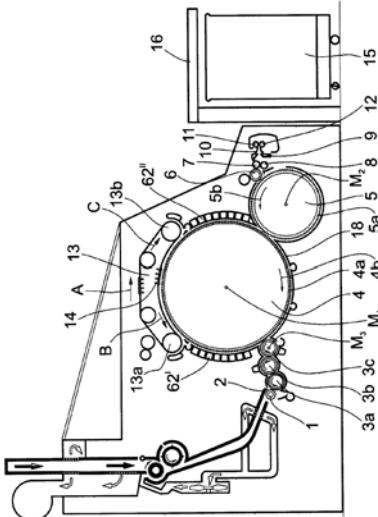
(43) Publication Date : 30/12/2011

(54) Title of the invention : APPARATUS ON A FLAT CARD OR ROLLER CARD HAVING A CYLINDER, WORKING ELEMENTS AND ADJUSTABLE HOLDING ELEMENTS

(51) International classification	:D01G15/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 2009 031 979.4	1)TRÜTZSCHLER GMBH & CO. KG Address of Applicant :DUVENSTRASSE 82-92 D-41199
(32) Priority Date	:06/07/2009	MÖNCHENGLADBACH GERMANY
(33) Name of priority country	:Germany	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	1)BRITTA JACOBS 2)ROBERT PISCHEL
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an apparatus on a carding machine having a cylinder, clothed and/or non-clothed working elements and adjustable holding elements which determine the spacing between the cylinder clothing and the working elements, there being provided an adjustment device, operable by supplying thermal energy, for the working elements, in order to compensate for changes in spacing that arise during operation, at least one positioning element, for example a rod, is provided. In order to improve the apparatus further there is provided a device for actively supplying and/or dissipating thermal energy which is associated with the adjustment device, wherein in the event of a change in spacing the working spacing between the cylinder clothing and the working elements can be set or reset.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/06/2010

(21) Application No.706/KOL/2010 A

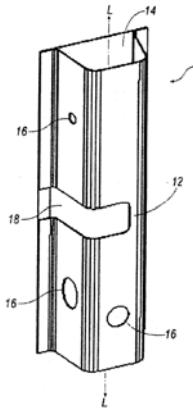
(43) Publication Date : 30/12/2011

(54) Title of the invention : STRUCTURAL REINFORCER APPLIED TO CUT-OUT AREA OF STRUCTURAL MEMBER

(51) International classification	:B29C44/00	(71)Name of Applicant :
(31) Priority Document No	:09169022.2	<b>1)SIKA TECHNOLOGY AG</b>
(32) Priority Date	:31/08/2009	Address of Applicant :ZUGERSTRASSE 50, CH-6340 BAAR SWITZERLAND
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)DELNEUFCOURT, SEBASTIEN</b>
Filing Date	:NA	<b>2)GODILLON, FRANCOIS</b>
(87) International Publication No	: NA	<b>3)LISON GAETAN</b>
(61) Patent of Addition to Application Number	:NA	<b>4)BELPAIRE, VINCENT</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A structural member assembly includes a substantially hollow structural member (10) and a structural reinforcer (20). The hollow structural member (10) is formed by a plurality of panels (12, 14). At least one of the panels (12) includes a cutout region (18) extending from the edge of the panel (12) to the interior of the panel (12) so that the cut-out region (18) is not fully enclosed by the panel (12). The structural reinforcer (20) includes a rigid carrier (21) and a bonding material (22). The structural reinforcer (20) is installed in the interior of the structural member (10) across said cut-out region (18).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/06/2010

(21) Application No.707/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND APPARATUS FOR ALLOCATING RANGING CHANNEL IN WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W24/00
(31) Priority Document No	:61/222,919
(32) Priority Date	:02/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LG ELECTRONICS INC.

Address of Applicant :20 YEOUIDO-DONG,  
YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF  
KOREA

(72)Name of Inventor :

1)LEE, HYUN WOO

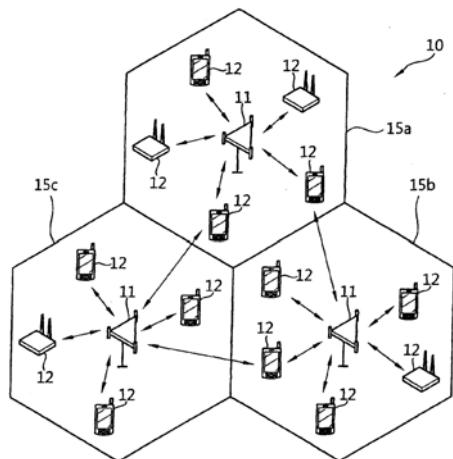
2)CHO, HAN GYU

3)KWAK, JIN SAM

4)KWON, YEONG HYEON

(57) Abstract :

A method and apparatus of allocating a ranging channel in a wireless communication system is provided. A base station (BS) allocates at least one first ranging channel, having a first structure, and at least one second ranging channel, having a second structure, to a ranging subframe. The first structure or the second structure can be one of the ranging channel structures of an IEEE 802.16e system. A number of orthogonal frequency division multiplexing (OFDM) symbols included in the first structure and a number of OFDM symbols included in the second structure differs from each other. And a guard time including at least one OFDM symbol is allocated between the at least one first ranging channel and the at least one second ranging channel.



No. of Pages : 59 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/06/2010

(21) Application No.709/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : HYDRAULIC CONTROL SYSTEM FOR A DUAL CLUTCH TRANSMISSION

(51) International classification	:F16H3/00
(31) Priority Document No	:61/230,015
(32) Priority Date	:30/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

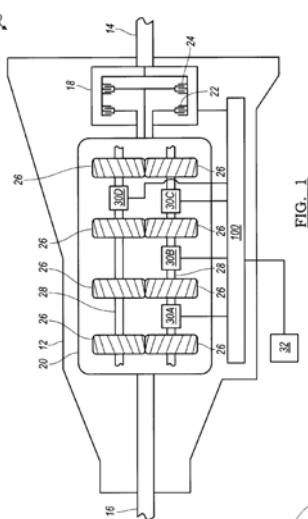
**1)GM GLOBAL TECHNOLOGY OPERATIONS, INC.**  
Address of Applicant :300 RENAISSANCE CENTER,  
DETROIT, MICHIGAN 48265-3000 UNITED STATES OF  
AMERICA

(72)Name of Inventor :

**1)BRIAN W. WHITMARSH**  
**2)BRET M. OLSON**  
**3)PHILIP C. LUNDBERG**  
**4)WAYNE B. VOGEL**

(57) Abstract :

A hydraulic control system for a dual clutch transmission includes a plurality of solenoids and valves in fluid communication with a plurality of clutch actuators and with a plurality of synchronizer actuators. The clutch actuators are operable to actuate a plurality of torque transmitting devices and the synchronizer actuators are operable to actuate a plurality of synchronizer assemblies. Selective activation of combinations of the solenoids allows for a pressurized fluid to activate at least one of the clutch actuators and synchronizer actuators in order to shift the transmission into a desired gear ratio.



No. of Pages : 48 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/06/2010

(21) Application No.710/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : SYSTEMS AND METHODS FOR LAYERED REGENERATION OF A PARTICULATE MATTER FILTER

(51) International classification	:F01N9/00
(31) Priority Document No	:12/539,838
(32) Priority Date	:12/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(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

**(71)Name of Applicant :**

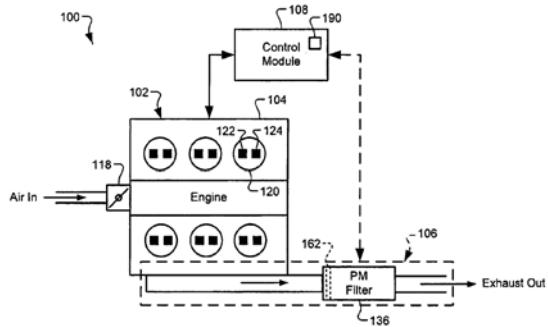
**1)GM GLOBAL TECHNOLOGY OPERATIONS, INC.**  
Address of Applicant :300 RENAISSANCE CENTER,  
DETROIT, MICHIGAN 48265-3000 UNITED STATES OF  
AMERICA

**(72)Name of Inventor :**

**1)FUGENE V. GONZE  
2)MICHAEL J. PARATORE, JR.  
3)GARIMA BHATIA**

**(57) Abstract :**

A method for controlling an engine includes receiving a request to regenerate a particulate matter filter and regulating, in response to the request, operation of the engine and an electric heater that heats an inlet surface of the filter such that for a first period, the heater maintains the inlet surface within a first temperature range above a regeneration temperature of the filter and combustion of a first mass of accumulated PM within the filter is initiated, for a second period following the first period, exhaust cools the inlet surface to within a second temperature range below the regeneration temperature and combustion of the first mass is inhibited, and for a third period following the second period, the inlet surface is maintained within a third temperature range above the regeneration temperature and a second mass of the accumulated PM is combusted. A related control system is also provided.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/07/2010

(21) Application No.712/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : STRUCTURAL REINFORCER WITH BONDING MATERIAL ON ORTHOGONAL SURFACES

(51) International classification	:B29C44/00
(31) Priority Document No	:09168821.8
(32) Priority Date	:27/08/2009
(33) Name of priority country	:EUROPEAN UNION
(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)SIKA TECHNOLOGY AG

Address of Applicant :ZUGERSTRASSE 50, CH-6340  
BAAR, SWITZERLAND

(72)Name of Inventor :

1)DELNEUFCOURT, SEBASTIEN

2)GODILLON, FRANCOIS

3)LISON GAETAN

4)BELPAIRE, VINCENT

(57) Abstract :

A reinforcer (22) for installation in a structural member (20) is disclosed. The reinforcer includes a rigid carrier (24) having at least a first surface (26) and a second surface (28). The first surface (26) is substantially orthogonal to said second surface (28). Bonding material is disposed both on said first surface (26) and said second surface (28). The reinforcer (22) is configured to be installed in a structural member (20) such that the first surface (26) is substantially parallel to a longitudinal axis (L) of the structural member (20), and the second surface (28) is substantially orthogonal to the longitudinal axis (L) of the structural member (20).

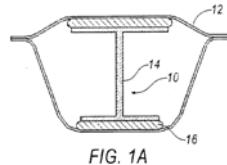


FIG. 1A

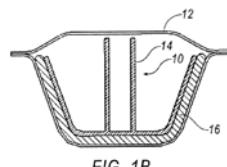


FIG. 1B

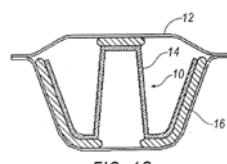


FIG. 1C

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/07/2010

(21) Application No.713/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : DEVICE FOR TREATING SHEET-LIKE SUBSTRATES WITH LIGHT

(51) International classification	:G03B27/42
(31) Priority Document No	:10 2009 032 966.8
(32) Priority Date	:14/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GMG GRAFISCHE MASCHINEN GESELLSCHAFT  
MBH

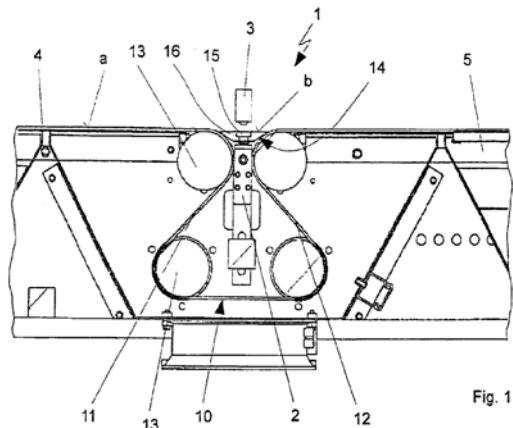
Address of Applicant :BENZSTRASSE 8, 86356  
NEUSAESS, GERMANY

(72)Name of Inventor :

1)MEYER, GERHARD

(57) Abstract :

In a device for treating sheet-like substrates with light provision is made for a suction table (5) which is provided with a circulating suction strip (4) for transporting the sheet-like substrates, which suction strip forms a descending loop (10) relative to its table-parallel transport level (a), such loop comprising a descending branch (11) and, adjacent to the latter, an ascending branch (12), with a gap for the passage of light between the descending branch (11) and the ascending branch (12) of the suction strip (4) being bridged by a stationary bridging member (14) which at least partially allows light to pass through it and whose surface (b) is disposed at a level slightly recessed relative to the parallel transport level (a). Thus, a high degree of accuracy and trouble-free operation are ensured even at high transport speeds.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/07/2010

(21) Application No.714/KOL/2010 A

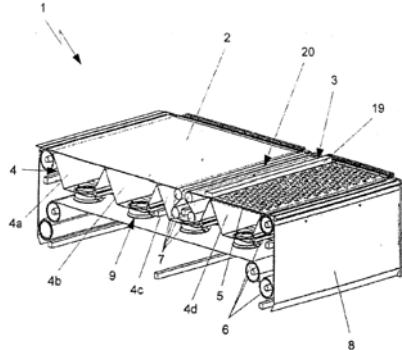
(43) Publication Date : 30/12/2011

(54) Title of the invention : DEVICE FOR TESTING SUBSTRATES

(51) International classification	:B65G23/19	(71)Name of Applicant :
(31) Priority Document No	:10 2009 032 928.5	1)GMG GRAFISCHE MASCHINEN GESELLSCHAFT MBH
(32) Priority Date	:14/07/2009	Address of Applicant :BENZSTRASSE 8, 86356 NEUSAESS, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)MEYER, GERHARD
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a device for testing substrates featuring magnetic elements, in particular printed products printed with magnetic printing ink. The device has a powered suction belt (2) travelling around it which transports the substrates under a measuring device (3) and is assigned to the top of at least one extractable air space (4). At least one suction fan (9) assigned to the suction belt (2) is connected to the air space (4). At least the suction belt (2) is made of non- ferromagnetic material. Each suction fan (9) assigned to the suction belt (2) takes the form of a motorless fan which is connected to a remote power source (11) via a transmission.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/07/2010

(21) Application No.727/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD FOR IDENTIFICATION OF AN ELECTRIC DRIVE SYSTEM TO BE MODELED AS A MULTIMASS OSCILLATOR AND/OR FOR DETECTION OF DAMAGE IN BEARINGS AND/OR ON ELEMENTS SUSCEPTIBLE TO WEAR AND A CORRESPONDING DEVICE AND ELECTRIC DRIVE SYSTEM

(51) International classification	:G06F17/00
(31) Priority Document No	:EP 09164675.2
(32) Priority Date	:06/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAUMÜLLER NÜRNBERG GMBH

Address of Applicant :OSTENDSTRASSE 80-90, 90482  
NÜRNBERG GERMANY

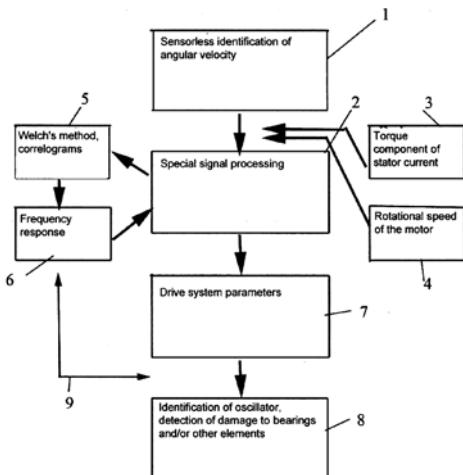
(72)Name of Inventor :

1)VILLWOCK, SEBASTIAN

2)PACAS, JOSÉ MARIO

(57) Abstract :

A method for identification of an electric drive system to be modeled as a multimass oscillator and/or for detection of damages in bearings and/or on elements susceptible to wear in an electric drive system, whereby a mechanical angular velocity of the electric drive system is determined in a sensorless method as part of the present method, and signal processing is performed on the basis of correlograms and/or Welch's method, using the mechanical angular velocity determined without a sensor, such that the frequency response of the mechanics of the electric drive system is determined as part of the signal processing, the data thereof being used for determination of at least one parameter of the electric drive system.



No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/07/2010

(21) Application No.728/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD FOR THE AUTOMATED STARTUP AND/OR FOR THE AUTOMATED OPERATION OF CONTROLLERS OF AN ELECTRICAL DRIVE SYSTEM WITH VIBRATIONAL MECHANICS AS WELL AS AN ASSOCIATED DEVICE

(51) International classification	:G06F17/00
(31) Priority Document No	:EP 09164670.3
(32) Priority Date	:06/07/2009
(33) Name of priority country	:EUROPEAN UNION
(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)BAUMÜLLER NÜRNBERG GMBH

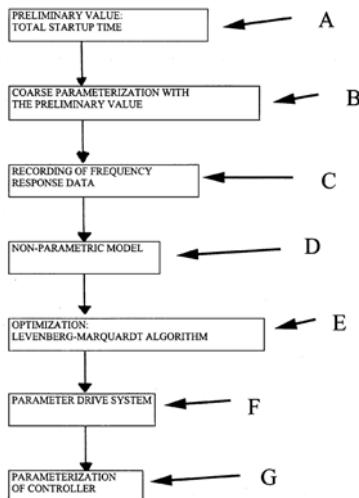
Address of Applicant :OSTENDSTRASSE 80-90, 90482  
NÜRNBERG GERMANY

(72)Name of Inventor :

1)VILLWOCK, SEBASTIAN

(57) Abstract :

Method for the automated startup and/or for the automated operation of controllers of an electrical drive system with vibrational mechanics with the following steps: - Determination of a preliminary value of at least one parameter, - Determination of a model of the electrical drive system by means of the determination of initially a non-parameterized model through the recording of frequency data during operation of the drive system subject to the utilization of the preliminary value of at least one parameter and the subsequent determination of parameters of the electrical drive system based on the frequency data and subject to the optimization of at least one preliminary value of at least one parameter by means of a numerical optimization method on the basis of the Levenberg-Marquardt algorithm and - Parameterization of the plurality of or at least one controller of the electrical drive system by means of at least one of the determined parameters.



No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2010

(21) Application No.732/KOL/2010 A

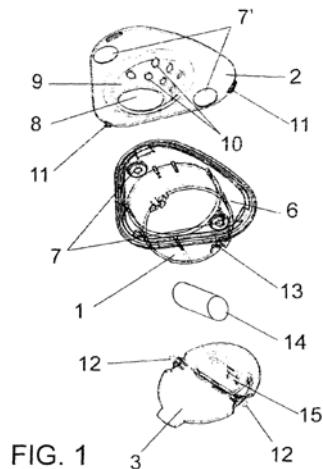
(43) Publication Date : 30/12/2011

(54) Title of the invention : ASHTRAY FOR URBAN LITTER BINS

(51) International classification	:A24F19/10	(71)Name of Applicant :
(31) Priority Document No	:U 200901297	<b>1)CONTENUR, S.L.</b>
(32) Priority Date	:07/09/2009	Address of Applicant :POLÂGONO INDUSTRIAL LOS ANGELES, LOS TORNEROS, 3-28906 GETAFE (MADRID), SPAIN Spain
(33) Name of priority country	:Spain	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	<b>1)GARCIA GARCIA, JORGE MANUEL</b>
(87) International Publication No	: NA	<b>2)AISA ARANAZ, JORGE</b>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	<b>3)MERCADO BARRAQUETA, DANIEL</b>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Ashtray provided for its use in an orifice established for that purpose on the upper lid of an urban litter bin constituted from a hollow body, open at both bases, the lower base being closed by a swinging lid which has two lateral appendages housed in two depressions, establishing the rotational axis for the lid which is constantly required to stay in the closed position by a counterweight.



No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2010

(21) Application No.734/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD OF PACKAGING AN ABSORBENT ARTICLE AND ATTACHING THE ABSORBENT ARTICLE AND ATTACHING THE ABSORBENT ARTICLE TO AN UNDERGARMENT

(51) International classification

:A61F13/58

(31) Priority Document No

:12/512147

(32) Priority Date

:30/07/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)MCNEIL-PPC, INC**

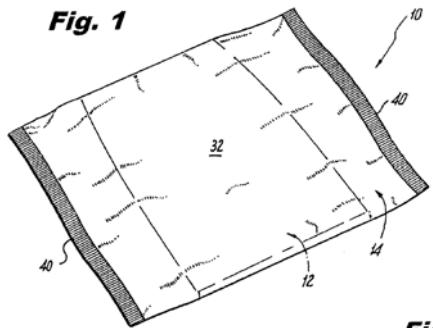
Address of Applicant :199 GRANDVIEW ROAD,  
SKILLMAN, NJ 08558, NEW JERSEY CORPORATION,  
UNITED STATES OF AMERICA

(72)Name of Inventor :

**1)PAUL Y. FUNG**

(57) Abstract :

A method of individually packaging an absorbent article and attaching the absorbent article to an undergarment including the steps of providing a tri-folded absorbent article having two end portions and an intermediate portion, providing a pouch containing the tri-folded absorbent article, opening the pouch to thereby expose a garment-facing surface of the intermediate portion of the absorbent article prior to exposing a garment facing surface of either of the end portions of the absorbent article.



No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2010

(21) Application No.733/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : INDIVIDUALLY PACKAGED ABSORBENT ARTICLE ASSEMBLY

(51) International classification

:A61F13/15

(31) Priority Document No

:12/512135

(32) Priority Date

:30/07/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

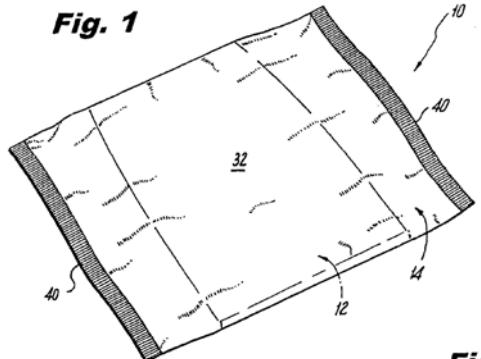
Filing Date

:NA

(57) Abstract :

An individually packaged absorbent article assembly including a tri-folded absorbent article having two end portions and an intermediate portion, and a pouch containing the tri-folded absorbent article, the pouch be structured and arranged to enable a user to selectively open the pouch to thereby expose a garment-facing surface of the intermediate portion of the absorbent article prior to exposing a garment facing surface of either of the end portions of the absorbent article.

**Fig. 1**



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2010

(21) Application No.731/KOL/2010 A

(43) Publication Date : 30/12/2011

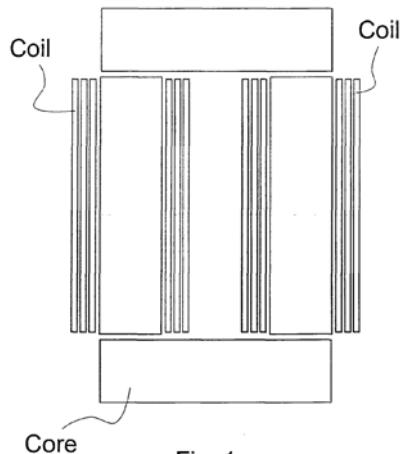
(54) Title of the invention : WINDING ARRANGEMENT FOR AN INDUCTIVE COMPONENT

(51) International classification	:H01F27/08	(71) <b>Name of Applicant :</b> <b>1)SALOMÄKI, JARKKO</b> Address of Applicant :SUOTIE 6, 04340 TUUSULA, FINLAND
(31) Priority Document No	:FI 20096045	
(32) Priority Date	:09/10/2009	
(33) Name of priority country	:Finland	(72) <b>Name of Inventor :</b> <b>1)SALOMÄKI, JARKKO</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The scope of the invention is a winding arrangement for an inductive component that consists at least of a core (9) and of a winding structure placed around the core and consisting of planar winding sheets (11). Inside the winding structure there is cooling medium that is adapted to transfer excess heat away from the winding.

Prior Art



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2010

(21) Application No.741/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : A COATING FOR A MEDICAL DEVICE HAVING AN ANTI-THROMBOTIC CONJUGATE

(51) International classification	:C08G63/91
(31) Priority Document No	:12/505869
(32) Priority Date	:20/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CORDIS CORPORATION

Address of Applicant :430 ROUTE 22, BRIDGEWATER, NJ 08807 U.S.A.

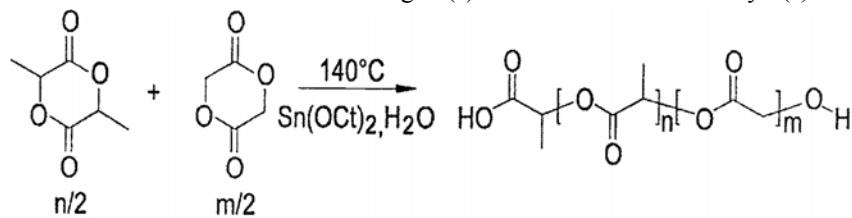
(72)Name of Inventor :

1)JONATHON Z. ZHAO

2)ROBERT FALOTICO

(57) Abstract :

A conjugate between an anti-thrombotic agent and bioabsorbable polymer is provided. Also, a method is provided for applying a coating comprising an anti-thrombotic agent and bioabsorbable polymer conjugate to at least some of an implantable device to prevent or reduce formation of thrombosis on the surface of the device. A first or sub-layer of the coating is prepared by mixing polymeric material and a biologically active agent with a solvent, thereby forming a homogeneous solution. A second or outer layer comprises an antithrombotic heparin-bioabsorbable polymer conjugate. This coating may be applied over inner drug-containing layers using, for example, dip coating or spray coating processes. After drying, the anti-thrombotic heparin bioabsorbable polymer conjugate remains in the outer layer of coating, allowing agent from the inner layer to elute there through. Also, the outmost layer prevents thrombosis, and can modulate release kinetics of agent(s) contained within inner layer(s) of the coating.



No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2010

(21) Application No.744/KOL/2010 A

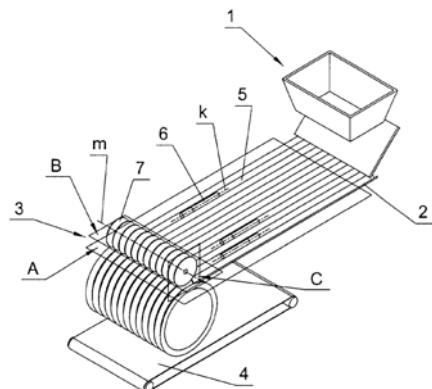
(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND ASSEMBLY FOR OPENING CIGARETTE COVERS IN A MACHINE FOR RECOVERING TOBACCO FROM DEFECTIVE AND/OR SUBSTANDARD CIGARETTES

(51) International classification	:A24C5/36	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:P-390677	1)INTERNATIONAL TOBACCO MACHINERY POLAND SP. Z.O.O.
(32) Priority Date	:11/03/2010	Address of Applicant :UL. WARSZTATOWA 19A, 26-600 RADOM, POLAND
(33) Name of priority country	:Poland	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	1)SIEREDZIŃSKI, MAREK
Filing Date	:NA	2)CHOJNACKI, WOJCIECH JERZY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of opening a cigarette cover and an assembly for opening cigarette covers in a machine for recovering tobacco from defective and/or substandard cigarette are disclosed. The method involves cutting open the cigarette transported in a feeder guiding groove of a machine for recovering tobacco from defective and/or substandard cigarettes, the cigarette being cut with at least one revolving disc knife located above the feeder, in which the at least one revolving disc knife is applied to the cigarette in such a way that the axis on which the said disc knife is perpendicularly mounted lies in a plane parallel to the plane in which the cigarette axis is being translated; the disc knife plane does not comprise the cigarette axis and is parallel to the said cigarette axis; rotation of the cigarette around its axis in the guiding groove is being blocked; whereby tensile stress is being caused in the cigarette cover facilitating its opening.



No. of Pages : 22 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2010

(21) Application No.745/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : WATER SAVER TOILET WITH UNIFORM WATER SPOT

(51) International classification	:E03D1/08
(31) Priority Document No	:12/802,184
(32) Priority Date	:01/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)P & C HENNESSY HOLDINGS, INC.**

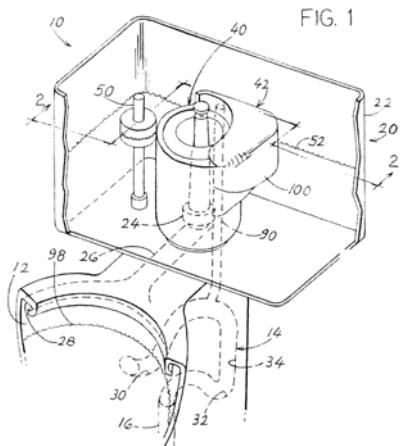
Address of Applicant :46-9 ROSE STREET, R.R. #1,  
FRANKFORD, ONTARIO K0K 2C0 CANADA

(72)Name of Inventor :

**1)HENNESSY, PHILIP**

(57) Abstract :

A toilet has a vacuum source (42) that applies a vacuum to a trapway (14) at the beginning of a flushing to immediately flush the toilet bowl (12). As a result, water from the water tunnel 26 and the toilet bowl top channel 28 flow into the bowl after the flushing to create a large water spot (98) in the toilet bowl. A low water flush (e.g. 1 ½ liters to flush urine) can be obtained by not letting water flow out of a secondary volume (61) that lies outside a divider (140) in an isolator (40).



No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/07/2010

(21) Application No.743/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD OF SEPARATING TOBACCO FROM CIGARETTE WASTE, APPARATUS FOR SEPARATING TOBACCO FROM CIGARETTE WASTE AND USE OF A CIRCULAR REVOLVING SCREEN FOR SEPARATING TOBACCO FROM CIGARETTE WASTE

(51) International classification	:A24C5/36
(31) Priority Document No	:P-390691
(32) Priority Date	:12/03/2010
(33) Name of priority country	:Poland
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)INTERNATIONAL TOBACCO MACHINERY POLAND SP. Z.O.O.

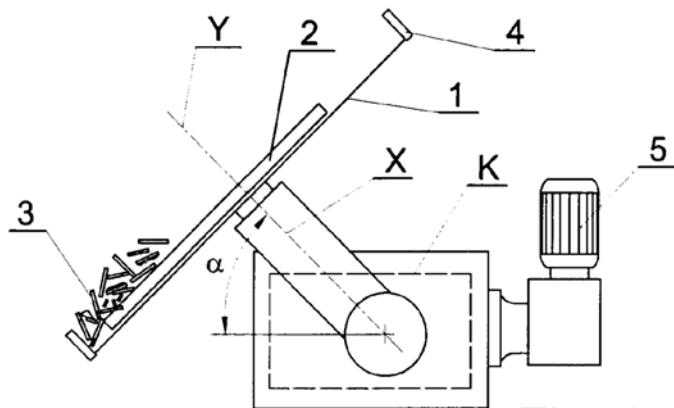
Address of Applicant :UL. WARSZTATOWA 19A, 26-600 RADOM, POLAND

(72)Name of Inventor :

1)SIEREDZIŃSKI, MAREK

(57) Abstract :

Method of separating tobacco from cigarette waste using an apparatus comprising a circular revolving screen, in which the cigarette waste is fed onto the said screen in order to be screened by gravity, the method including relocation the cigarette waste over the surface of the screen, the said relocation being aided by scraping means cooperating with said screen and the angular position of the screen in the apparatus relative to the horizontal plane being adjustable. Apparatus for separating tobacco from cigarette waste comprising a circular revolving screen which is adjustably mounted in such a way that the angular position of the screen in the apparatus relative to the horizontal plane is adjustable, provided with scraping means for aiding relocation of the cigarette waste on the surface of the screen during its rotational movement. Use of a circular revolving screen for separating tobacco from cigarette waste.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2010

(21) Application No.756/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : DRIVE UNIT WITH OVERLOAD PROTECTION FOR DRIVING A RING GEAR

(51) International classification	:B66C23/84
(31) Priority Document No	:102009035197.3
(32) Priority Date	:29/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LIEBHERR-WERK BIBERACH GMBH

Address of Applicant :HANS-LIEBHERR-STRASSE 45 D-88400 BIBERACH AN DER RISS GERMANY

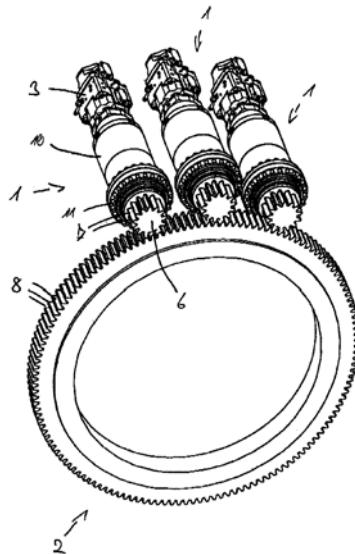
(72)Name of Inventor :

1)NORBERT HAUSLADEN

2)MATTHIAS SEDLMAIER

(57) Abstract :

This invention relates to a drive unit for driving a ring gear, comprising a motor, a transmission and a drive shaft, on which a pinion is arranged for driving the ring gear, wherein the drive unit includes a mechanical overload protection. In accordance with the invention the overload protection is arranged between the transmission and the pinion.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2010

(21) Application No.754/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : BATTERY CHARGER WITH BALANCE CIRCUIT

(51) International classification

:H02J7/02

(31) Priority Document No

:098123587

(32) Priority Date

:13/07/2009

(33) Name of priority country

:Taiwan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SANYANG INDUSTRY CO. LTD.

Address of Applicant :184 KENG TZU KOU, SHANG KENG VILLAGE, HSIN FONG SHIANG, HSINCHU TAIWAN R.O.C.

2)MY WAY ELECTRONICS., LTD.

(72)Name of Inventor :

1)WANG, TUNG-SHENG

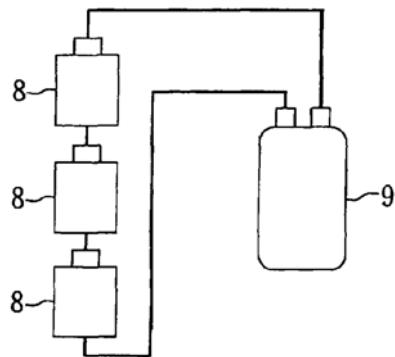
2)CHEN, CHENG

3)TSENG, WEI TING

4)TO, YU TING

(57) Abstract :

A battery charger with a balance circuit includes a rechargeable- battery pack, a charge module, and a charge balance module. The charge balance module includes a control unit, at least one voltage-drop unit, at least one power switch, and at least one power-consuming unit. The control unit operates and compares the voltage input from the output of each voltage-drop unit, such that, through the controlled terminal of the power switch, ON and OFF of the power switch can be controlled, and that through the ON and OFF of the power switch, a shunt can be formed. Then through consumption of the current from the shunt by the power- consuming unit, the speed of charge can be balanced, making the voltages in the rechargeable-battery pack during and after the charge become consistent and as such, the life of use of the rechargeable batteries can be prolonged.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/07/2010

(21) Application No.755/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING RANGING PREAMBLE CODE IN WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04L27/08
(31) Priority Document No	:61/225,100
(32) Priority Date	:13/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(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

(71)Name of Applicant :

1)LG ELECTRONICS INC.

Address of Applicant :20, YEOUIDO-DONG,  
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(72)Name of Inventor :

1)LEE, HYUN WOO

2)KWON, YEONG HYEON

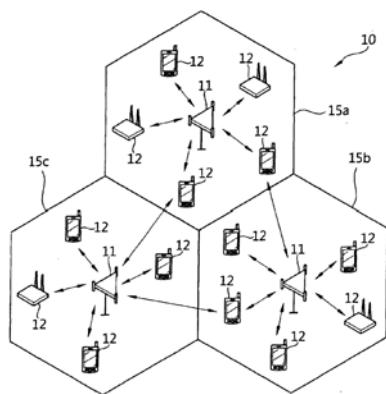
3)CHO, HAN GYU

4)KWAK, JIN SAM

5)NOH, MIN SEOK

(57) Abstract :

A method and apparatus of generating a ranging preamble code in a wireless communication system is provided. A mobile station (MS) generates one of a plurality of ranging preamble codes, wherein the plurality of ranging preamble codes are based on a padded Zadoff-Chu (ZC) sequence to which a cyclic shift is applied in a unit of HCS, where NCS is a function of a cyclic prefix (CP) length in a time domain.



No. of Pages : 60 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2010

(21) Application No.758/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : A DISPENSER OF BOXED ARTICLES FOR RETAIL SHOPS

(51) International classification	:A47F1/08
(31) Priority Document No	:TO 2009A000587
(32) Priority Date	:29/07/2009
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MEZZI ALTERNATIVI MAIS &ASSOCIATI S.R.L.

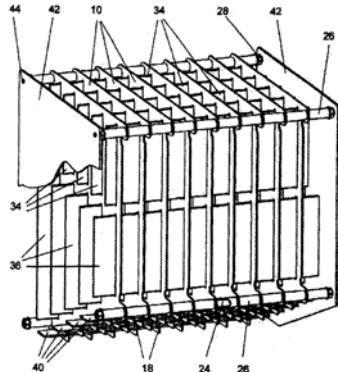
Address of Applicant :STRADA COMUNALE DI PRELLE 7  
I-10010 SAN MARTINO CANAVESE (TO) ITALY

(72)Name of Inventor :

1)CASATI GIUSEPPE

(57) Abstract :

A plurality of identical plates (10), each having a number of parallel, vertical slits (30, 32), are arranged side by side and are spaced by assembly means (24, 26, 28). Rigid boards (34, 36) are inserted through the vertical slits to define rectangular wells for holding the boxed articles in a stacked arrangement. Rest ledges (40, 70) are arranged at staggered heights below each well, in order to prevent the articles held in the wells from dropping out, while allowing them to be horizontally withdrawn at the bottom one at a time. The rest ledges may be slats (40) inserted through horizontal slits (38) in the plates (10) at staggered heights, or tabs (70) laterally projecting at right angles from the bottom edge of each plate.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2010

(21) Application No.757/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : ABS VALVE ARRANGEMENT OF A VEHICLE WITH PRESSURE LIMITATION ON AN INDIRECTLY SLIP-CONTROLLED AXLE

(51) International classification	:F16K31/36
(31) Priority Document No	:102009034450.0
(32) Priority Date	:23/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH

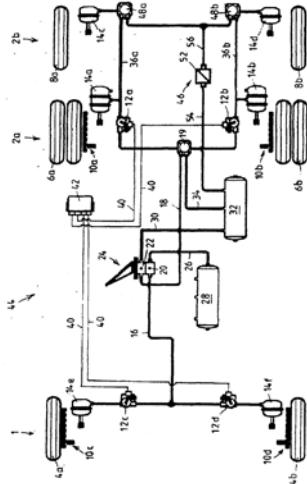
Address of Applicant :MOOSACHER STR. 80, D-80809 MÜNCHEN, GERMANY

(72)Name of Inventor :

1)GERHARD WIEDER  
2)PETER HOLOBRADI

(57) Abstract :

The invention relates to a valve arrangement (44) for regulating the fluid pressure in an ABS brake system of a vehicle in such a way that, when wheels (6a, 6b) of a vehicle axle (2a) tend to lock, the brake pressure in the brake cylinders (14a, 14b) assigned to the wheels can be matched adaptively, in order to regulate the brake slip of the wheels (6a, 6b) to a stipulated optimal brake slip, a brake pressure being fed into at least one brake cylinder (14c, 14d) of at least one further axle (2b), which brake pressure is at least temporarily dependent on the brake slip-controlled brake pressure fed into at least one brake cylinder (14a, 14b) of the one axle (2a). According to the invention, the said valve arrangement has a pressure-limiting valve device (46), by means of which, when a stipulated brake-pressure value is overshot by the brake pressure generated for the at least one brake cylinder (14a, 14b) of the one axle (2a), the brake pressure for the at least one brake cylinder (14c, 14d) of the at least one further axle (2b) is limited to a brake-pressure limit value lower than the theoretical brake-pressure value arising due to dependence on the brake pressure in the at least one brake cylinder (14a, 14b) of the one axle (2a).



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2010

(21) Application No.759/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : SWITCHING APPARATUS WITH ROTARY KNOB

(51) International classification	:F16D11/08
(31) Priority Document No	:102009033749.0
(32) Priority Date	:17/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABB AG

Address of Applicant :KALLSTADTER STR. 1, 68309  
MANNHEIM, GERMANY

(72)Name of Inventor :

1)FRANK HUSTERT

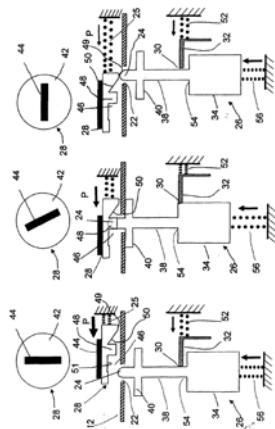
2)CORELL GÖBEL

3)MICHAEL KONRAD

4)JIRI BITTNER

(57) Abstract :

Switching apparatus having a rotary knob (28) for operating a latching mechanism of an installation switching device having at least one upper housing wall (12) wherein the latching mechanism comprises a catch mechanism with a catch lever (32) which can be moved between a latched and an unlatched position, wherein the rotary knob (28) can assume a switched-on and a switched-off position corresponding to the switch position of the latching mechanism and, in the switched-on position, the force of a spring (25) acts on the rotary knob (28) in the direction of the switched-off position, and wherein, on tripping, the catch mechanism is unlatched and the catch lever (32) can be moved from the latched position to the unlatched position, and, when the rotary knob (28) is reset to the switched-off position, the catch mechanism is latched again, wherein a control journal (26), which can be moved between a latched position and an unlatched position, interacts with the catch lever (32) and the rotary knob (28) and, on tripping, can be moved from its latched position to its unlatched position, in which it holds the rotary knob (28) in a trip position between the switched-on and the switched-off position, and prevents the catch lever (32) from returning to the latched position, wherein the control journal (26) has an unlatching and a latching zone (34, 38) as well as a pin projection (24) which passes through the upper housing wall (12), and that side of the rotary knob (28) which faces the upper housing wall (12) has a holding pocket (46) which holds the pin projection (24). The holding pocket (46) has a clamping apparatus (48) for detachably holding the pin projection (24), and has a control incline (50) which is adjacent to the clamping apparatus (48) in the twisting direction of the rotary knob (28), wherein the mutual arrangement of the control journal (26), of the rotary knob (28) and of the catch lever (32) is designed such that, during tripping, the pin projection (24) is clamped by the clamping apparatus (48) and thus holds the rotary knob (28) in the trip position, and that, when the rotary knob (28) is moved from the trip position to the switched-off position, the clamping apparatus (48) releases the pin projection (24) and the rotary knob pushes the pin projection (24) via the control incline (50) so far into the housing that the catch lever (32) can engage with the latching zone (38) of the shaft into its latched position.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/07/2010

(21) Application No.760/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING RANGING PREAMBLE CODE IN WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W68/02
(31) Priority Document No	:61/225,212
(32) Priority Date	:14/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(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

(71)Name of Applicant :

1)LG ELECTRONICS INC.

Address of Applicant :20, YEOUIDO-DONG,  
YEONGDEUNGPO-GU, SEOUL REPUBLIC OF KOREA

(72)Name of Inventor :

1)LEE, HYUN WOO

2)KWON, YEONG HYEON

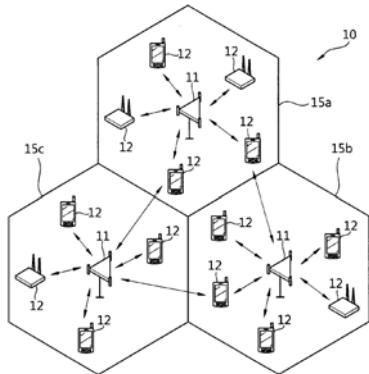
3)CHO, HAN GYU

4)KWAK, JIN SAM

5)HAN, SEUNG HEE

(57) Abstract :

A method and apparatus of generating a ranging preamble code in a wireless communication system is provided. A mobile station (MS) receives ranging channel information, and generates the ranging preamble code by selecting one of a plurality of candidate ranging preamble codes based on the ranging channel information. The plurality of candidate ranging preamble codes are based on a Zadoff-Chu (ZC) sequence of which a length is NRP and a root index is rp, and The ranging channel information comprises at least one of a start root index r0 among root indices of the plurality of candidate ranging preamble codes and a control parameter y indicating the start root index.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2010

(21) Application No.762/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : OIL MIST SEPARATOR

(51) International classification	:F01M13/04
(31) Priority Document No	:2009-284631
(32) Priority Date	:16/12/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(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

(71)Name of Applicant :

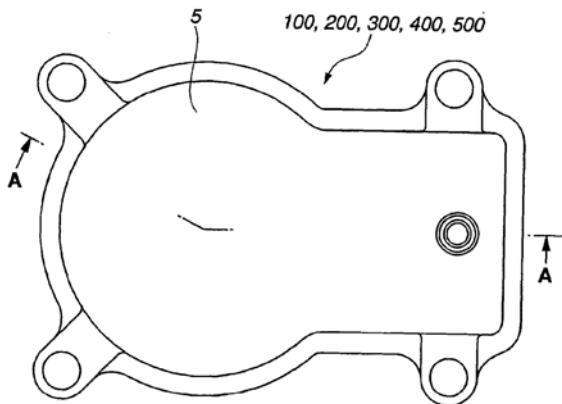
**1)MAHLE FILTER SYSTEMS JAPAN CORPORATION**  
Address of Applicant :1-2, IKEBUKURO 3-CHOME,  
TOSHIMA-KU, TOKYO JAPAN

(72)Name of Inventor :

**1)WATANABE, TATSUYA**  
**2)MUSHA, SHINICHI**

(57) Abstract :

An oil mist separator including a tubular volume chamber into which a gas is introduced, a tubular valve body that is so disposed as to slidably move relative to one axial end portion of the volume chamber, a plurality of communication passages defined by the one axial end portion of the volume chamber and the valve body, and an impact wall disposed in an opposed relation to the communication passages such that the gas flowed out through the communication passages is impacted against the impact wall, wherein the communication passages are configured such that as the pressure of the gas flowing into the volume chamber is increased, a sectional area of each of the communication passages becomes larger.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2010

(21) Application No.763/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO TEMPORARY CLOSURES FOR A ROOM VENT

(51) International classification	:F24F13/00
(31) Priority Document No	:0922243.1
(32) Priority Date	:18/12/2009
(33) Name of priority country	:U.K.
(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)BIOQUELL UK LIMITED**

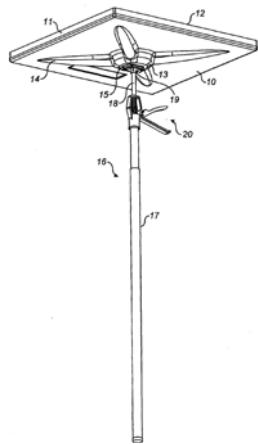
Address of Applicant :52 ROYCE CLOSE, WEST  
PORTWAY ANDOVER, HAMPSHIRE SP10 3TS UNITED  
KINGDOM

(72)Name of Inventor :

**1)KILHAMS, GAVIN ANDREW**

(57) Abstract :

This invention relates to temporary closures for a room vent and is particularly although not exclusively applicable to temporary closures for room vents to enable a room to be sterilised by circulating sterilant vapour without allowing vapour to enter the vent or gas to enter the room from the vent during the sterilising operation. The temporary closure comprises a hood to extend over the vent having a peripheral seal for engaging a surface around the vent and a telescopically extendable strut on which the hood is mounted to engage a fixed surface disposed opposite the vent to hold the hood in place over the vent.



No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2010

(21) Application No.767/KOL/2010 A

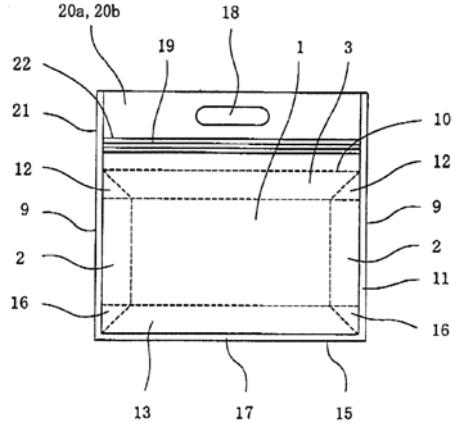
(43) Publication Date : 30/12/2011

(54) Title of the invention : PLASTIC BAG MAKING APPARATUS

(51) International classification	:B31B37/60	(71)Name of Applicant :
(31) Priority Document No	:2009-168859	<b>1)TOTANI CORPORATION</b>
(32) Priority Date	:17/07/2009	Address of Applicant :4-44, NAKAKUZE-CHO, KUZE, MINAMI-KU, KYOTO-SHI, KYOTO 601-8213 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	<b>1)TOTANI, MIKIO</b>
(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 :

The apparatus includes panel portions forming means by which two webs of panel material are opposed to and superposed on each other and fed longitudinally thereof, the panel portions being formed by the webs of panel material. The apparatus further includes side gusset portions forming means by which sheets of side gusset material are folded into halves and combined with and interposed between the webs of panel material to extend widthwise thereof, the side gusset portions being formed by the sheets of side gusset material. The apparatus further includes bottom gusset portion forming means by which a web of bottom gusset material is combined with the webs of panel material to extend longitudinally thereof, the bottom gusset portion being formed by the web of bottom gusset material with at least one bottom protrusion protruding from the bottom gusset portion. In addition, the apparatus includes option means by which the bottom protrusion is provided with a handle hole, zipper, opening or adhesive means.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/07/2010

(21) Application No.772/KOL/2010 A

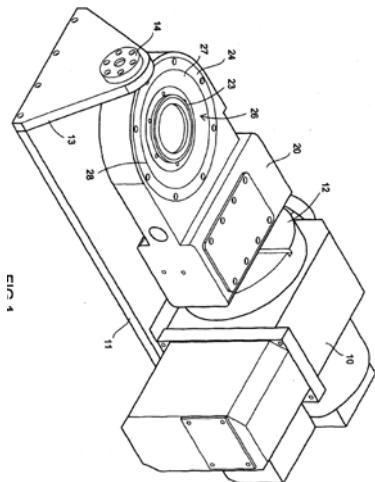
(43) Publication Date : 30/12/2011

(54) Title of the invention : ROTATABLE WORKBENCH WITH A MULTI-FACE WORKING FUNCTION

(51) International classification	:B05B13/00	(71)Name of Applicant :
(31) Priority Document No	:099202781	<b>1)GSA TECHNOLOGY CO., LTD.</b>
(32) Priority Date	:10/02/2010	Address of Applicant :216, LANE 92, FENG-NAN ST.,
(33) Name of priority country	:Taiwan	FENG- YUAN CITY, TAICHUNG COUNTY, TAIWAN, R. O.
(86) International Application No	:NA	C.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)CHIN-KUN YU</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A workbench includes a support base, a rotation disk rotatably mounted on the support base, a rotation seat mounted on the support base and rotated by the rotation disk, and a working table swivelably mounted on the rotation seat. The working table has two opposite working zones each having a recessed and tapered profile. Thus, the working table on the rotation seat has two working zones so that when the workpiece is positioned, the working tool can be used to directly work the two opposite faces of the workpiece by rotation of the rotation seat and the working table without having to turn and reposition the workpiece, thereby saving the working time, decreasing the cost of fabrication and enhancing the working efficiency.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2010

(21) Application No.779/KOL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : METHODS AND DEVICES FOR REPAIRING MENISCAL TISSUE

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(51) International classification

:A61B17/00

(31) Priority Document No

:12/509,127

(32) Priority Date

:24/07/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)DEPUY MITEK, INC**

Address of Applicant :325 PARAMOUNT DRIVE,  
RAYNHAM, MA 02767 U.S.A.

(72)Name of Inventor :

**1)MEHMET ZIYA SENGUN  
2)MARK A. CAPOBIANCO  
3)DOUGLAS ALLEN FIFOLT  
4)KRISTIAN DIMATTEO  
5)GREGORY R. WHITTAKER  
6)BROOKS J. STORY**

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(57) Abstract :

Methods and devices are provided for repairing a tear in a meniscus. A pair of fixation member each entailing a preformed knot configuration coupled together by a suture length. The fixation members are placed on the meniscal tissue with the suture length spanning the tear, the knot configurations are expanded to form anchoring knots and the suture length is shortened to close the tear.

No. of Pages : 67 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2010

(21) Application No.782/KOL/2010 A

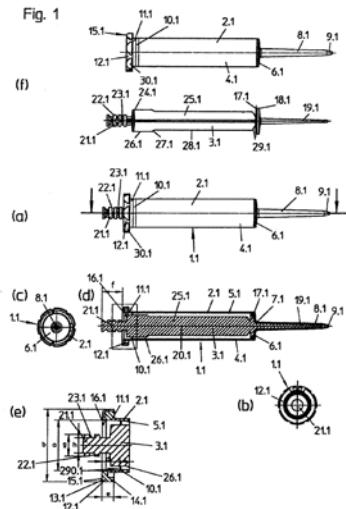
(43) Publication Date : 30/12/2011

(54) Title of the invention : SYRINGE, SYRINGE FAMILY AND METERING DEVICE

(51) International classification	:B01L3/00	(71)Name of Applicant :
(31) Priority Document No	:10 2009	1)EPPENDORF AG
(32) Priority Date	034 897.2	Address of Applicant :BARKHAUSENWEG 1, DE-22339
(33) Name of priority country	:27/07/2009	HAMBURG, GERMANY
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)BLUMENTRITT, MICHAEL
(87) International Publication No	: NA	2)LOEHN, JUERGEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Syringe for use with a metering device comprising a centring element with an axial through-passage in a receiver for a syringe cylinder and an axially displaceable piston receiver for a syringe piston, comprising - a syringe cylinder - and a syringe piston, - the syringe cylinder comprising an outlet at the bottom, - a centring flange at the top on the external periphery for inserting into the receiver, - a cylindrical piston movement area connected to the outlet, with a first internal diameter, in which the syringe piston is sealingly guided, and - at least at a distance of at least 3 mm from the upper end of the syringe cylinder a centring region for inserting the centring element, which has a second internal diameter, which exceeds the first internal diameter and is at least 16.2 mm, - and the syringe piston at the upper end has a coupling piece for inserting into the piston receiver.



No. of Pages : 66 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2010

(21) Application No.785/KOL/2010 A

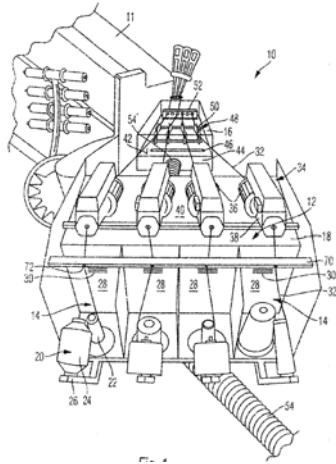
(43) Publication Date : 30/12/2011

(54) Title of the invention : CLEANING DEVICE FOR WEAVING MACHINES

(51) International classification	:D03J1/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 2009 035 146.9	<b>1)SOHLER-NEUENHAUSER GMBH &amp; CO. KG</b> Address of Applicant :KARL-HIRNBEIN-STR. 20, DE-88239 WANGEN/ALLGÄU, GERMANY
(32) Priority Date	:29/07/2009	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Germany	<b>1)MARK SOHLER</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a cleaning device for weaving machines comprising at least one exhaust or suction device for fibre fly comprising at least one suction opening, said exhaust or suction device being arranged in the area of a redirection of the weft thread. According to the invention, the exhaust device 12 comprises at least one open housing 14, 16 that is at least partially arranged beneath and/or next to the weft thread 32 in the area of the redirection, wherein said housing 14, 16 comprises said at least one suction opening 30 that generates an air stream from at least one housing opening across the weft thread 32 to the suction opening 30.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2010

(21) Application No.788/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : TEXTILE TOOL WITH TEMPORARY PROTECTION

(51) International classification	:D04B35/00
(31) Priority Document No	:09166881.4
(32) Priority Date	:30/07/2009
(33) Name of priority country	:EUROPEAN UNION
(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)GROZ-BECKERT KG

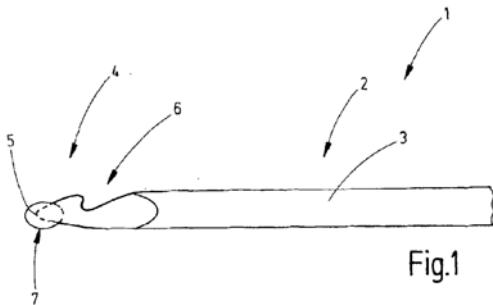
Address of Applicant :PARKWEG 2, 72458 ALBSTADT  
GERMANY

(72)Name of Inventor :

1)ERIC JÜRGENS

(57) Abstract :

An anti-wear layer 12 is provided on a textile tool 1, said anti-wear layer extending over a cutting edge 9 or a point 5. The point 5 or cutting edge 9 is provided with a cap 7 or 11 consisting of a protective material that preferably is configured so as to be viscously plastic and have a damping character. Preferably, the cap 7, 11 can be easily removed. For example, during the first use of the textile tool, said cap detaches as a whole or in parts from the textile tool 1. Preferably, the protective material is a melt-immersion material, for example, on a thermoplastic basis.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2010

(21) Application No.786/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : ABSORBENT ARTICLE INCLUDING ABSORBENT CORE HAVING A PLURALITY OF FIRST REGIONS AND A SECOND REGION SURROUNDING EACH OF THE FIRST REGIONS

(51) International classification

:A61F13/15

(31) Priority Document No

:12/535,752

(32) Priority Date

:05/08/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)JOHNSON & JOHNSON IND. E COM. LTDA**

Address of Applicant :RODOVIA PRESIDENTE DUTRA,  
KIM-154, SÃO JOSE DOS CAMPOS SÃO PAULO, CEP 12237-  
350 BRAZIL

(72)Name of Inventor :

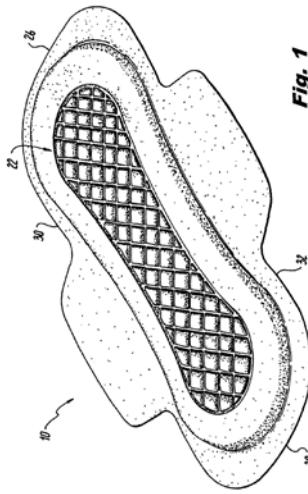
**1)ANTONIO CARLOS RIBEIRO DE CARVALHO**

**2)MARIA MÁRCIA R. CALDAS SALLES**

**3)MARCIA HELENA TEIXETRA FAJOLLI**

(57) Abstract :

An absorbent article including an absorbent core having a plurality of first regions and a second region, each one of said first regions being arranged in spaced relationship from each of the other first regions and each of the first regions being entirely surrounded by the second region.



No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2010

(21) Application No.783/KOL/2010 A

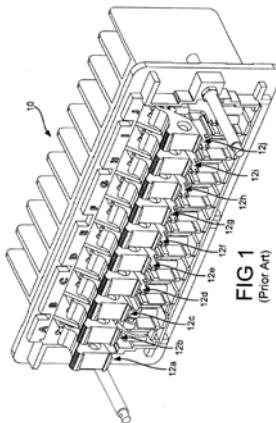
(43) Publication Date : 30/12/2011

(54) Title of the invention : MODULAR TEST PLUG

(51) International classification	:G01R1/00	(71)Name of Applicant :
(31) Priority Document No	:61/229,352	1)ABB TECHNOLOGY AG
(32) Priority Date	:29/07/2009	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:U.S.A.	ZURICH SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BOWER, ANDREW
(87) International Publication No	: NA	2)MASTERS, TIM
(61) Patent of Addition to Application Number	:NA	3)BALL, ROY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A modular test plug assembly is disclosed having a design which may be arranged in a plurality of different configurations. The test plug assembly includes a plurality of modules, having blades for insertion into a test switch assembly. The modules are positioned in a stacked arrangement and are secured together by end plates and a rod extending therebetween.



No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2010

(21) Application No.787/KOL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : A FEMALE COUPLING ELEMENT AND A QUICK COUPLING INCORPORATING SUCH AN ELEMENT

(51) International classification	:F16L37/02	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:0955159	<b>1)STAUBLI FAVERGES</b>
(32) Priority Date	:23/07/2009	Address of Applicant :PLACE ROBERT STÄUBLI, FR-74210 FAVERGES FRANCE
(33) Name of priority country	:France	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)TIBERGHIEN ALAIN-CHRISTOPHE</b>
Filing Date	:NA	<b>2)PASTORE OLIVIER</b>
(87) 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 female quick coupling element is fitted with at least one locking member (40) movable in a housing (27) between a first position in which a fraction (46) of the locking member projects out from the housing (27) and a second position in which the fraction (46) of the locking member is disengaged from a groove in a male element endpiece (11) engaged in the female element. A control ring that is slidable relative to the body of the female element parallel to its central longitudinal axis (XA-X"A) is suitable for moving the locking member between its first and second positions. The locking member (40) is provided with at least one surface (42, 43) in the form of a portion of a sphere. The locking member moves between its first and second positions by pivoting about a fixed axis passing through the center of curvature (C40) of the surface (42, 43) in the form of a portion of a sphere of the locking member (40) and perpendicular to the central longitudinal axis (XA-X"A) of the female element.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2010

(21) Application No.798/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : TRANSPARENT ICE CONE WITH PLA

(51) International classification	:A23G9/00
(31) Priority Document No	:102009034210.0
(32) Priority Date	:22/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)HUHTAMAKI RONSBERG ZN DER HUTAMKI  
DEUTSCHLAND GMBH**

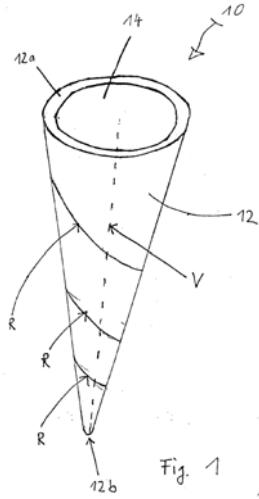
Address of Applicant :CO. KG. HEINRICH-NICOLAUS-STR. 6, GERMANY

(72)Name of Inventor :

**1)AGNES STRACK  
2)NILS THOMS WALTHERS  
3)THOMAS KLAUS**

(57) Abstract :

The invention relates to a packaging, in particular a foodstuffs packaging, preferably for foodstuffs such as ice cream in cones and the like. The packaging (10) comprises a lid portion (14) and a packaging body (12), wherein the packaging body (12) is conical, in particular pointed conical, and wherein the lid portion (14) is held on the packaging body (12) when the packaging is closed.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2010

(21) Application No.801/KOL/2010 A

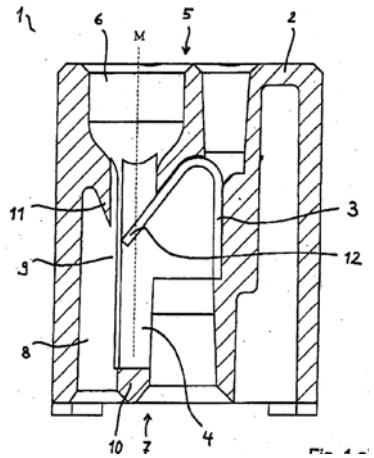
(43) Publication Date : 30/12/2011

(54) Title of the invention : PLUG CONNECTOR

(51) International classification	:H01M2/20	(71)Name of Applicant :
(31) Priority Document No	:10 2009 035 716.5	<b>1)WAGO VERWALTUNGSGESELLSCHAFT MBH</b> Address of Applicant :HANSASTRASSE 27 32432 MINDEN GERMANY
(32) Priority Date	:31/07/2009	(72)Name of Inventor :
(33) Name of priority country	:Germany	<b>1)STROMIEDEL, KONRAD</b>
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A plug connector (1) having an insulating material housing (2) which has at least one contact pin insertion opening (8) on a first housing face (7) for the insertion of electrically conductive contact pins (15), and has at least one conductor insertion opening (6) on a second housing face (5) for the insertion of stripped ends (14) of electrical conductors (13) is described. A pair comprising a contact pin insertion opening (8) and a conductor insertion opening (6) in each case has a common associated conductor connecting area. The conductor insertion opening (6) opens into a conductor connecting area (4), and the contact pin insertion opening (8) has a passage (9) to the conductor connecting area (4). Furthermore, the plug connector in each case has one spring force terminal connection in an associated conductor connecting area (4) with a spring element (3) which has a clamping section (12), which can be moved by spring force transversely with respect to the extent direction of a pair comprising a contact pin insertion opening (8) and a conductor insertion opening (6), such that, when a stripped end (14) of an electrical conductor (13) is inserted into the conductor insertion opening (6), the stripped end (14) is pushed in the direction of the contact pin insertion opening (8). The at least one contact pin insertion opening (8) has a width (B1) of the passage (9) over a length in its extent direction, which is aligned from the first housing face (7) to the second housing face (5), at least in the area above the clamping section (12) in the direction of the second housing face (5) and under the clamping section (12) in the direction of the first housing face (7), which width (B1) is less than the width (B2) between the mutually opposite side walls of the conductor connecting area (4) adjacent to the transition to the contact pin insertion opening (8).



No. of Pages : 49 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2010

(21) Application No.799/KOL/2010 A

(43) Publication Date : 30/12/2011

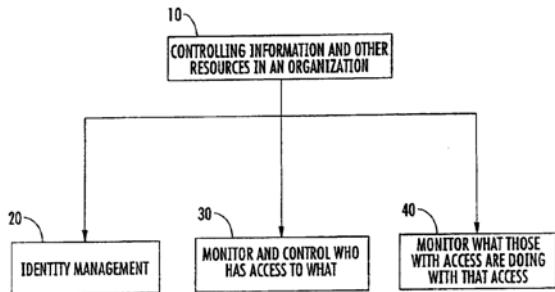
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(54) Title of the invention : DYNAMIC ENTITLEMENT MANAGER

(51) International classification	:G06F21/00	(71)Name of Applicant :
(31) Priority Document No	:12/509,244	<b>1)BANK OF AMERICA CORPORATION</b>
(32) Priority Date	:24/07/2009	Address of Applicant :MAILCODE NC1-002-29-01, 101 S.
(33) Name of priority country	:U.S.A.	TRYON STREET, CHARLOTTE, NORTH CAROLINA 28255
(86) International Application No	:NA	UNITED STATES OF AMERICA
Filing Date	:NA	
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)RICHARDS, PHILLIP L.</b>
Filing Date	:NA	<b>2)ANDERSEN, DAVID L.</b>
(62) Divisional to Application Number	:NA	<b>3)RENFRO, CHADWICK R.</b>
Filing Date	:NA	<b>4)HIGGINS, CHRISTOPHER P.</b>

(57) Abstract :

Embodiments of the invention are directed to systems, methods, and computer program products configured to calculate an indicator of the likelihood that an entitlement exists in a first community relative to a second community. The calculated indicator is then used to determine the appropriateness of entitlements within the first community or after a transfer of a person from the first community to the second.



No. of Pages : 90 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2010

(21) Application No.794/KOL/2010 A

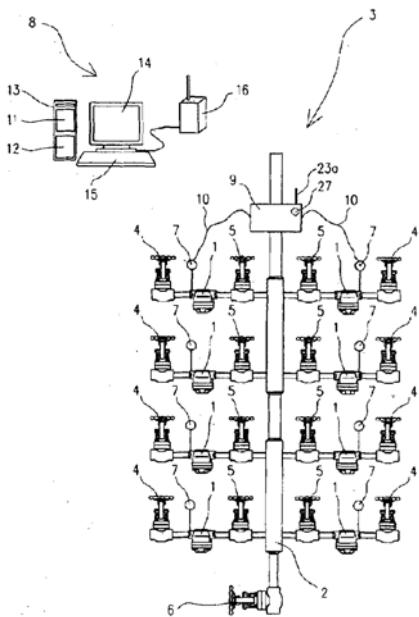
(43) Publication Date : 30/12/2011

(54) Title of the invention : VALVE-MEMBER MONITORING SYSTEM

(51) International classification	:G08B17/00	(71)Name of Applicant :
(31) Priority Document No	:2009-187508	1)TLV CO. LTD. Address of Applicant :881 NAGASUNA, NOGUCHI-CHO, KAKOGAWA-SHI, HYOGO-KEN 675-8511 JAPAN
(32) Priority Date	:12/08/2009	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)TADASHI OIKE 2)MAMORU NAGASE
(86) International Application No Filing Date	:NA :NA	
(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 :

Construction of a valve-member monitoring system using wireless communication is facilitated. The valve-member monitoring system is structured with operating-condition sensors each attached to each of multiple steam traps installed on a manifold. The manifold serves as a discharged condensate collecting pipe in which condensate is discharged through the multiple steam traps. The valve-member monitoring system further includes a sensor controlling terminal device that is attached to the manifold or in the vicinity of the manifold and exchanges information by radio with a central control apparatus. In the valve-member monitoring system, the terminal device is connected to the operating-condition sensors each attached to each of the steam traps installed on the manifold with lead 1 ines This reduces time and effort required to determine which operating-condition sensors are to be connected to the terminal device, and therefore facilitates the construction of the valve-member monitoring system, which are excellent results.



No. of Pages : 18 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2010

(21) Application No.803/KOL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : DYNAMIC COMMUNITY GENERATOR

(51) International classification

:G06F21/00

(31) Priority Document No

:12/509,241

(32) Priority Date

:24/07/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

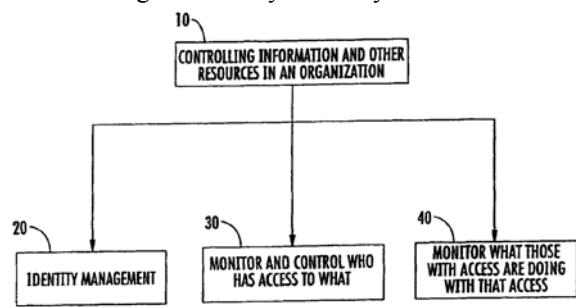
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Filing Date

:NA

(57) Abstract :

Embodiments of the invention are directed to systems, methods, and computer program products configured to determine communities within an organization dynamically based on the distribution of entitlements within the organization.



No. of Pages : 91 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2010

(21) Application No.802/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : AN IMPROVED HEAT EXCHANGER WITH CONCENTRIC TUBES

(51) International classification	:F28D7/14
(31) Priority Document No	:09425322.6
(32) Priority Date	:07/08/2009
(33) Name of priority country	:EUROPEAN UNION
(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)CFT S. P. A.

Address of Applicant :VIA PARADIGNA 94/A, 43122  
PARMA, ITALY

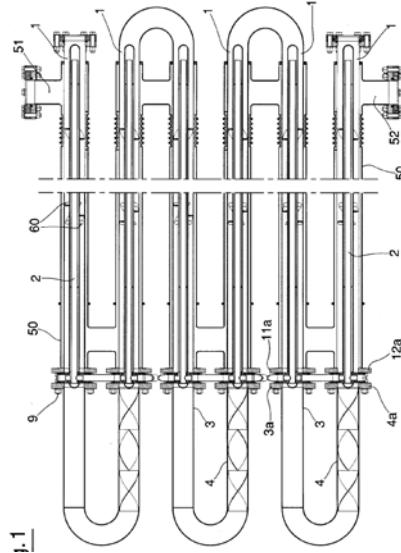
(72)Name of Inventor :

1)BELLETTI, LUCA

2)CATELLI, ROBERTO

(57) Abstract :

The invention relates to an improved concentric tube heat exchanger. The exchanger comprises a cylindrical tube (1) for circulation of a product provided with a flanged inlet (11) and a flanged outlet (12) of the product; a hollow body (2) concentric internally of the tube (1), in which the exchange fluid circulates, defining internally thereof preferential pathways for an outward and a return run of the exchange fluid and having the inlet and the outlet of the exchange fluid arranged at a same end of and in proximity of an end of the tube; a flanged inlet connector (3) for introducing the product into the tube (1), a flange (3a) of which connects with an inlet flange (11a) of the inlet (11) of the tube; a flanged outlet connector (4) for extracting the product from the tube (1), a flange (4a) of which connects with a flange (12a) of the outlet (12) of the tube; an intermediate flange (5), connected to the end of the hollow body exhibiting the inlet and outlet of the fluid and projecting from the tube (1), which is provided with a passage hole (5c) for the product to be treated and with an inlet mouth (5a) and an outlet mouth (5b) for the exchange fluid connected respectively to the outward and return pathway of the exchange fluid; the passage hole (5c), inlet mouth (5a) and outlet mouth (5b) not being in reciprocal connection.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/07/2010

(21) Application No.804/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : BROWSER PREVIEW APPARATUS AND SYSTEM

(51) International classification	:G06Q50/00
(31) Priority Document No	:12/509,023
(32) Priority Date	:24/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)BANK OF AMERICA CORPORATION

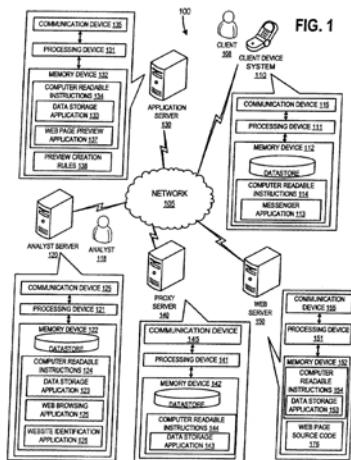
Address of Applicant :MAILCODE NC1-002-29-01, 101 S.  
TRYON STREET, CHARLOTTE, NORTH CAROLINA 28255  
UNITED STATES OF AMERICA

(72)Name of Inventor :

1)ANDERSEN, DAVID M.  
2)BUNTO, BRANDEE LYNN  
3)RICHARDS, PHILLIP L.

(57) Abstract :

In general, embodiments of the invention relate to systems, methods, and computer program products for previewing, in a safe environment, a given web page that is or may be conducting dangerous or fraudulent activity, including malware distribution and phishing activity. More particularly, embodiments of the invention relate to previewing a given web page in a safe environment by obtaining and breaking down the source code behind the given web page and constructing a preview of the web page without any potentially harmful images, scripts, executables, and/or the like.



No. of Pages : 40 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.808/KOL/2010 A

(43) Publication Date : 30/12/2011

---

(54) Title of the invention : SOLID FUEL POWDER COMBUSTION SYSTEM AND METHOD THEREOF

(51) International classification	:F01K13/00	(71) <b>Name of Applicant :</b> <b>1)KUO, TSUNG-HSIEN</b> Address of Applicant :NO. 5, ALLEY 59, LANE 238, MI-TO ROAD, CHIA I CITY, TAIWAN, REPUBLIC OF CHINA
(31) Priority Document No	:098136798	
(32) Priority Date	:30/10/2009	
(33) Name of priority country	:Taiwan	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)KUO, TSUNG-HSIEN</b>
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 solid fuel powder combustion system and a method thereof are revealed. By means of a hermetic helical feeder that prevents high pressure combustion gas from leaking along the combustor to a shaft of a helical fan inside a closed housing, solid fuel powder is fed into an open cycle gas turbine system for combustion. Then combustion gas generated by combustion enters a gas turbine and expands to do work and generate power.

No. of Pages : 44 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2010

(21) Application No.809/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : CYLINDER HEAD ASSEMBLY FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification

:F02D41/00

(31) Priority Document No

:12/534430

(32) Priority Date

:03/08/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)GM GLOBAL TECHNOLGOY OPERATIONS INC**

Address of Applicant :300 RENAISSANCE CENTER,  
DETROIT, MICHIGAN 48265-3000 UNITED STATES OF  
AMERICA

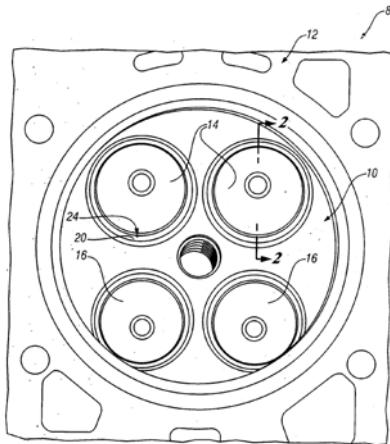
(72)Name of Inventor :

**1)DALE A. GERARD**

**2)PING-HO TSAL**

(57) Abstract :

A sealing system for the cylinder head valve seat pocket to valve seat insert interface of a Cylinder head assembly comprises a valve seat pocket gasket compressed between a valve seat insert pocket and a valve seat insert having an active layer of material with at least one seal, defining a compression seal at the interface of the seal and the valve seat insert pocket, the valve seat insert or both, to thereby prevent the ingress of fuel or water between the valve seat insert and the valve seat insert pocket.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2010

(21) Application No.813/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : APPARATUS AND METHOD FOR REPAIRING TISSUE

(51) International classification :A61B17/04  
(31) Priority Document No :61/228,396  
(32) Priority Date :24/07/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :NA  
    Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
    Filing Date :NA  
(62) Divisional to Application Number :NA  
    Filing Date :NA

(71)Name of Applicant :

1)DEPUY MITEK, INC.

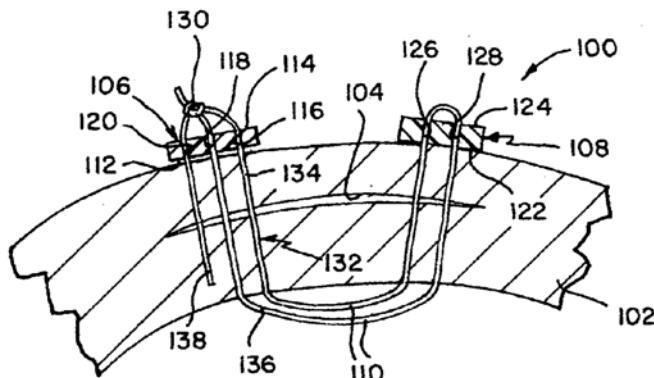
Address of Applicant :325 PARAMOUNT DRIVE,  
RAYNHAM, MA 02767 U.S.A.

(72)Name of Inventor :

1)STEPHEN J. ORPHANOS  
2)WILLIAM A. ROOSA  
3)MARC R. HELMICK  
4)STUART E. FROMM

(57) Abstract :

Assemblies and methods suitable for knotless arthroscopic repair of tissue defects include two fixation members coupled by two limbs of suture comprising a continuous loop. A unidirectional restriction element that can be a preformed locking, sliding suture knot proximate to one of the fixation members, provides tensioning of the repair.



No. of Pages : 49 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2010

(21) Application No.820/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : VALVE OPERATING DEVICE FOR VEHICLE ENGINES

(51) International classification

:F01L1/00

(31) Priority Document No

:098125154

(32) Priority Date

:27/07/2009

(33) Name of priority country

:Taiwan

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

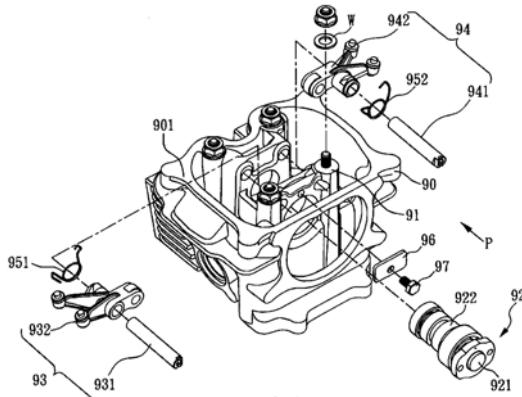
:NA

Filing Date

:NA

(71) Abstract :

A valve operating device for a vehicle engine includes a camshaft seat fixed in a cylinder head, a camshaft assembly arranged passing through the camshaft seat, at least one bolt passing through the cylinder head and the camshaft seat, a rocker-arm mechanism including at least one rocker arm shaft, and a cover plate. The cover plate includes a fixing section and a baffling section, wherein the fixing section touches and is secured on a top surface of the camshaft seat, and the bolt passes through the cover plate. The baffling section bends from the fixing section and extends over an edge of the front seat hole so as to restrict the axial displacement amount of the camshaft assembly. The baffling section can correspond both to the axially-baffling surface and the rotationally-baffling surface of the rocker arm shaft so as to restrict axial displacement amount and rotation amount of the rocker arm shaft. Thereby, there is no need for the camshaft seat to be drilled and tapped, laterally, for bolt fastening, so that cost can be lowered and engine minimization is enhanced.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2010

(21) Application No.819/KOL/2010 A

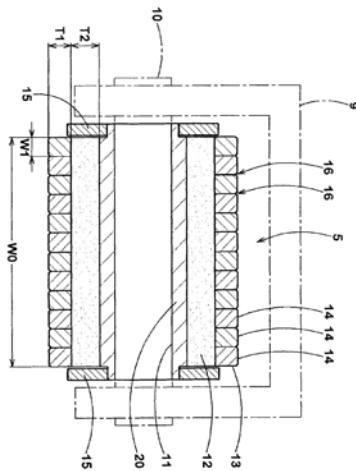
(43) Publication Date : 30/12/2011

(54) Title of the invention : PRESSURE ROLLER ASSEMBLY AND TIRE MANUFACTURING METHOD USING THE SAME

(51) International classification	:B32B37/00	(71) <b>Name of Applicant :</b> 1) <b>SUMITOMO RUBBER INDUSTRIES, LTD</b> Address of Applicant : 6-9, WAKINOHAMA-CHO 3-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-0072 JAPAN
(31) Priority Document No	185988 (PAT)	
(32) Priority Date	:10/08/2009	
(33) Name of priority country	:Japan	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pressure roller assembly comprises: a support shaft, a tubular elastic support fitted on the support shaft, and a segmented roller fitted on the tubular elastic support and having a pressing surface for pressing an object, the segmented roller divided axially of the roller into a plurality of roller segments which are movable radially of the roller independently from each other by elasticity deformation of the tubular elastic support. A method for manufacturing a pneumatic tire comprises the steps of: forming a raw rubber component of the tire by winding a rubber strip around a drum so as to form an overlapped portion of the rubber strip, and pressing the overlapped portion by the pressure roller assembly to secure adhesion of the rubber strip and removal of trapped air.



No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2010

(21) Application No.822/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD FOR PRODUCING A FRACTURE-RESISTANT CATALYST FOR DESULPHURIZING GASES

(51) International classification	:B01J21/16
(31) Priority Document No	:10 2009 036 203.7
(32) Priority Date	:05/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SÜD-CHEMIE AG

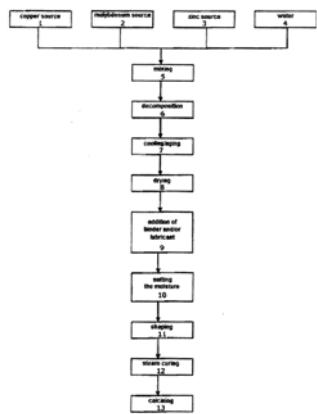
Address of Applicant :LENBACHPLATZ 6, 80333  
MÜNCHEN, GERMANY

(72)Name of Inventor :

1)FRANK GROSSMANN  
2)OLIVER WEGNER  
3)PETER RÖGER

(57) Abstract :

The invention relates to a method for producing a catalytically active absorber for desulphurizing hydrocarbon streams, wherein a) a mixture is produced from: - a thermally decomposable copper source; - a thermally decomposable molybdenum source; - zinc oxide; and - water; b) the mixture is heated to a temperature at which the thermally decomposable copper source and the thermally decomposable molybdenum source decomposes, with the result that a zinc oxide loaded with copper and molybdenum compounds is obtained; and c) calcining the zinc oxide loaded with copper and molybdenum compounds, wherein the catalytically active adsorber is obtained; wherein there is provided according to the invention as zinc oxide a zinc oxide with a specific surface area of more than 20 m<sup>2</sup>/g and an average particle size D<sub>50</sub> in the range of from 7 to 60 µm.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2010

(21) Application No.829/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : PLASMA TORCH WITH ELECTRODE WEAR DETECTION SYSTEM

(51) International classification

:H05H1/00

(31) Priority Document No

:12/544,777

(32) Priority Date

:20/08/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

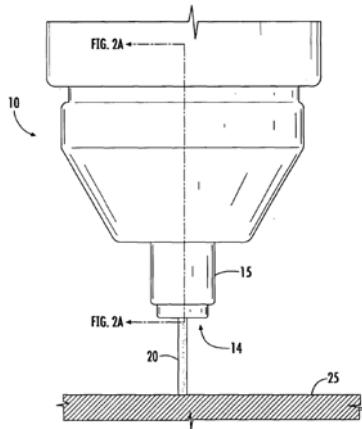
**1)THE ESAB GROUP, INC.**

Address of Applicant :POST OFFICE BOX 100545  
FLORENCE, SOUTH CAROLINA 29501 UNITED STATES OF  
AMERICA

(72)Name of Inventor :  
**1)GRIFFIN, DAVID C.**

(57) Abstract :

A plasma arc torch is provided that includes a wear stop designed to detect wear of an electrode and prevent the use of the electrode once the electrode has experienced a certain amount of wear. Either the electrode or the nozzle is movable with respect to the main torch body, and the movable component defines a projection. The wear stop is positioned a predetermined distance from a nozzle of the torch, such that prior to experiencing an excessive amount of wear, the electrode is able to contact the nozzle and initiate a pilot arc for starting a torch operation. Once the length of the electrode becomes shorter than a predetermined length due to wear, the projection of the electrode engages the wear stop, and the wear stop prevents the electrode from contacting the nozzle. In this way, an electrode that is excessively worn cannot be used in subsequent torch operations.



No. of Pages : 29 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2010

(21) Application No.817/KOL/2010 A

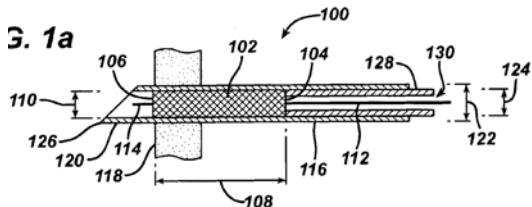
(43) Publication Date : 30/12/2011

(54) Title of the invention : METHODS AND DEVICES FOR REPAIRING AND ANCHORING DAMAGED TISSUE

(51) International classification	:A61B17/00	(71)Name of Applicant :
(31) Priority Document No	:12/509,112	1)DEPUY MITEK, INC.
(32) Priority Date	:24/07/2009	Address of Applicant :325 PARAMOUNT DRIVE, RAYNHAM, MA 02767 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)MEHMET ZIYA SENGUN 2)MARK A. CAPOBIANCO 3)DOUGLAS ALLEN FIFOLT 4)KRISTIAN, DIMATTEO 5)GREGORY R. WHITTAKER 6)BROOKS J. STORY
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and devices are provided for anchoring suture to tissue, incorporating anchoring devices constructed substantially from suture. The anchoring devices are constructed as longitudinally extended, preformed knot configurations that upon deployment are reconfigured to form anchoring knots having an increased cross-section relative to the preformed knot configuration, for secure lodging in tissue. The anchoring devices are suitable for single and multi-anchor surgical procedures in soft tissue or bone, and multiple anchors can be delivered using a single delivery device.



No. of Pages : 68 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2010

(21) Application No.830/KOL/2010 A

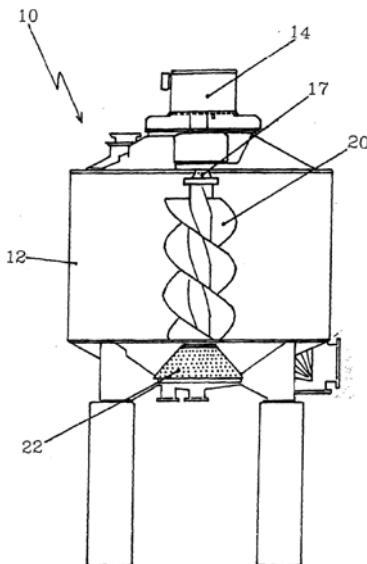
(43) Publication Date : 30/12/2011

(54) Title of the invention : PULPER WITH A TORQUE MOTOR

(51) International classification	:B07B1/20	(71)Name of Applicant :
(31) Priority Document No	:10 2009 035 247.3	<b>1)BTA INTERNATIONAL GMBH</b> Address of Applicant :FARBERSTRASSE 7, D-85276 PFAFFENHOFEN GERMANY
(32) Priority Date	:29/07/2009	<b>2)BIOTEC SISTEMI S.R.L.</b>
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	<b>1)WILJAN, HARRY</b> <b>2)CARRA, ROLAND</b> <b>3)BOZANO, STEFANO</b>
(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 :

The invention relates to a pulper and to its method for recycling wastes and/or product residuals. The pulper comprises a tank in which a rotor is provided for defibrating the stock mixture to be recycled, as well as a screen for drawing off the defibrated outfeed from the tank, the rotor being powered by an electric motor comprising a drive shaft in active transmission with the rotor. In accordance with the invention the electric motor is configured as a three-phase synchronous motor for operation in a speed range from 0 to 1000 rpm. It is connected to the output of a frequency inverter controlled by a controller, the output of the drive shaft being directly connected to the rotor.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2010

(21) Application No.835/KOL/2010 A

(43) Publication Date : 30/12/2011

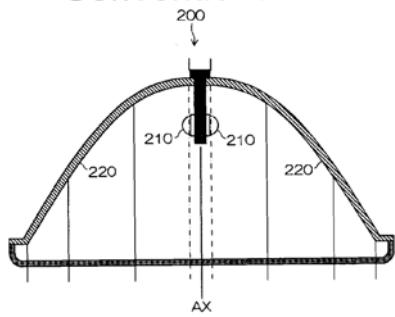
(54) Title of the invention : VEHICLE LIGHT

(51) International classification	:F21V11/16	(71)Name of Applicant :
(31) Priority Document No	:2009-181573	1)STANLEY ELECTRIC CO., LTD.
(32) Priority Date	:04/08/2009	Address of Applicant :2-9-13, NAKAMEGURO, MEGURO-KU, TOKYO 153-8636, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)UCHIDA, MITSUHIRO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A vehicle light forms a low-beam light distribution pattern on a virtual plane having a horizontal line and a vertical line as reference lines, the low-beam light distribution pattern including at least a first partial light distribution pattern having a horizontal cut-off line and a second partial light distribution pattern having a cut-off line inclined by a predetermined angle with respect to the horizontal line. The vehicle light includes: an LED light source having an optical axis and disposed so that the optical axis thereof is directed in a horizontal direction; and a reflector being formed of a revolved paraboloid and having a first reflecting surface disposed on the optical axis of the LED light source so as to face to the LED light source and a second reflecting surface disposed outside of the first reflecting surface and at a farther position away from the light source than the first reflecting surface. The first reflecting surface is a revolved paraboloid as a whole, having a focus disposed near the LED light source so as to diffuse and reflect, in the horizontal direction, light emitted from the LED light source and reaching the first reflecting surface, thereby forming the first partial distribution pattern. The second reflecting surface is a revolved paraboloid as a whole, having a focus disposed near the LED light source so as to reflect light emitted from the LED light source and reaching the second reflecting surface and converge the light to an intersection of the horizontal line and the vertical line, thereby forming the second partial distribution pattern.

### Conventional Art



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2010

(21) Application No.821/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : SOLAR RECEIVER FOR A SOLAR CONCENTRATOR WITH A LINEAR FOCUS

(51) International classification	:H01L31/00
(31) Priority Document No	:09425303.6
(32) Priority Date	:29/07/2009
(33) Name of priority country	:EUROPEAN UNION
(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)THESAN S.P.A.

Address of Applicant :VIA VALEGGIO, 41, I-10129  
TORINO, ITALY

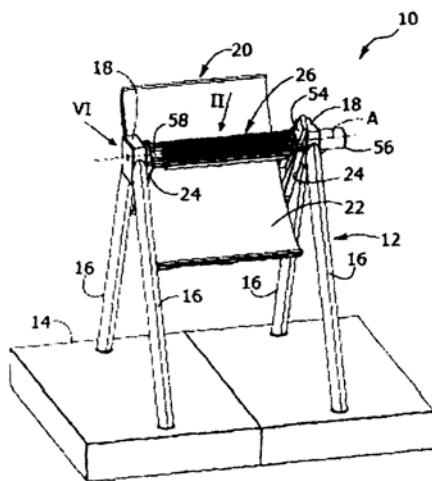
(72)Name of Inventor :

1)BALBO DI VINADIO, AIMONE

2)PALAZZETTI, MARIO

(57) Abstract :

A solar receiver (26) for a linear-focusing solar concentrator, comprising: - a base (28), which is elongated in a direction parallel to a focal line (A) and carries an array of strip-shaped targets (34) arranged orthogonal to said focal line (A) and set at a distance apart from one another in a direction parallel to the focal line (A); - a focusing assembly (40) including an array of optical elements (44) arranged for focusing solar radiation on said strip-shaped targets (34), the focusing assembly (40) being mobile with respect to the base (28) of the photovoltaic receiver (26) in a direction parallel to said focal line (A); and - an azimuthal pointing device (58, 60), designed to move the focusing assembly (40) with respect to said base (28) as a function of the position of the sun.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2010

(21) Application No.838/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : PARALLEL GEAR UNIT FOR A GEARBOX FOR A WIND TURBINE

(51) International classification	:F16H9/00
(31) Priority Document No	:09447041.6
(32) Priority Date	:10/08/2009
(33) Name of priority country	:EUROPEAN UNION
(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)HANSEN TRANSMISSIONS INTERNATIONAL,

NAAMLOZE VENNOOTSCHAP

Address of Applicant :LEONARDO DA VINCILAAN 1, B-2650 EDEGEM BELGIUM

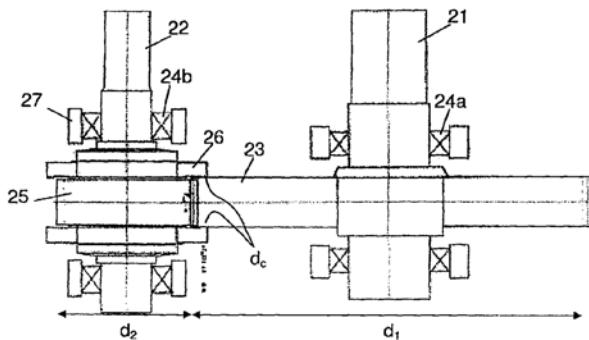
(72)Name of Inventor :

1)LEIMANN, DIRK-OLAF

2)VAN EYNDHOVEN, ERWIN

(57) Abstract :

The present invention provides a parallel gear unit (20) for a gearbox (30) for a wind turbine. The parallel gear unit (20) comprises at least two parallel shafts (21, 22), at least one of the shafts (21, 22) being supported by roller bearings (24) and each shaft (21, 22) comprising a gear (23, 25) with helical teeth, the gears (23, 25) of each shaft (21, 22) being adapted for meshing with each other. The parallel gear unit (20) furthermore comprises a thrust collar (26) on at least one of the shafts (21, 22). In a parallel gear unit (20) according to embodiments of the invention the bearings (24) supporting the gear do not suffer from high axial forces or at least suffer less from such axial forces than prior art bearings. The present invention also provides a gearbox (30) comprising a parallel gear unit (20) according to embodiments of the invention and a wind turbine comprising such a gearbox (30).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.842/KOL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : SWITCH UNIT AND MOTOR CYCLE

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(51) International classification	:F24F1/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2009-181961	<b>1)YAMAHA HATSUDOKI KABUSHIKI KAISHA</b> Address of Applicant :2500, SHINGAI, IWATA-SHI
(32) Priority Date	:04/08/2009	SHIZUOKA-KEN, JAPAN
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)HIROYUKI ISAYAMA</b>
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 :

There is provided a switch unit and a motorcycle including the switch units. The switch unit is capable of increasing an amount of light emitted from marks and has improved design freedom. The switch unit 44 includes an LED 60; a plurality of switches 80, 86 and 88; and a switch case 58. The switch case 58 includes a first case portion 64, which has a transmissive portion 68 that allows light from the LED 60 to pass through; and a light shielding film 70a that reduces translucency and is provided in an outer surface 68a of the transmissive portion 68. The first case portion 64 is provided with a plurality of operation members 98, 100 and 102. A plurality of marks 76d, 76e, 76f, 76g and 76h are made correspondingly to the operation member 98, 100 and 102, and are provided by predetermined regions in an outer surface 68a of the transmissive portion 68 which are not provided with the light shielding film 70a.

No. of Pages : 51 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2007

(21) Application No.840/KOL/2007 A

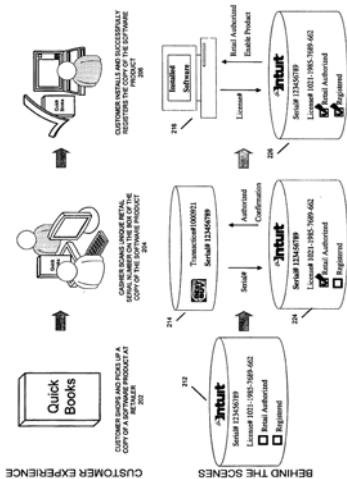
(43) Publication Date : 30/12/2011

(54) Title of the invention : METHOD AND APPARTUS FOR AUTHORIZING A SOFTWARE PRODUCT TO BE USED ON A COMPUTER SYSTEM

(51) International classification	:G06F21/24; G06F9/445; G06F12/14	(71)Name of Applicant : <b>1)INTUIT, INC.</b> Address of Applicant :2700 COAST AVENUE, MOUNTAIN VIEW, CA U.S.A.
(31) Priority Document No	:11/476990	(72)Name of Inventor : <b>1)SUNG EDMUND YU LIANG</b> <b>2)ROSEMORE TIMOTHY A</b> <b>3)POSSIN JENNIFER</b> <b>4)TENENBAUM RAYMOND S</b> <b>5)MOLLOY STEPHEN L</b>
(32) Priority Date	:27/06/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:NA :NA	
(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 :

One embodiment of the present invention provides a system for authorizing a software product to be used on a computer system. During operation, the system receives authorization information at a database from a point of sale system located at a retailer, wherein the authorization information is associated with the software product. The system then modifies a database entry associated with the software product to authorize use of the software product.



No. of Pages : 42 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2010

(21) Application No.850/KOL/2010 A

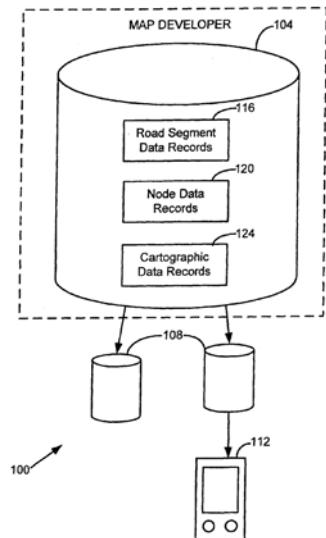
(43) Publication Date : 30/12/2011

(54) Title of the invention : NAVIGATION SYSTEM AND METHODS REGARDING DISPUTED TERRITORIES

(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:12/559,723	1)NAVTEQ NORTH AMERICA, LLC
(32) Priority Date	:15/09/2009	Address of Applicant :425 WEST RANDOLPH STREET, SUITE 1200, CHICAGO, ILLINOIS 60606 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)WEILAND, MICHAEL L. 2)PAINTER, JEFFREY 3)DEMBSKI, MICHAEL P. 4)TIELENS, BART
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 :

Systems, devices, features, and methods for operations corresponding to disputed territories are disclosed. For example, one method comprises providing different data records corresponding to geographic features in dispute between multiple geographic entities. The different data records may be used to display different views of a disputed area as recognized by the respective geographic entities.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2010

(21) Application No.858/KOL/2010 A

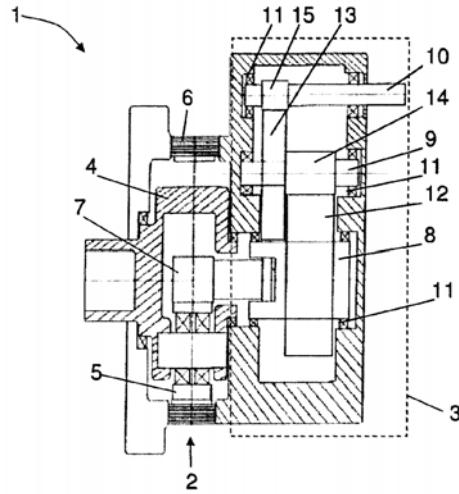
(43) Publication Date : 30/12/2011

(54) Title of the invention : PARALLEL GEAR UNIT FOR A GEARBOX FOR A WIND TURBINE

(51) International classification	:F16H9/00	(71)Name of Applicant :
(31) Priority Document No	:09447040.8	<b>1)HANSEN TRANSMISSIONS INTERNATIONAL</b>
(32) Priority Date	:10/08/2009	<b>NAAMLOZE VENNOOTSCHAP</b>
(33) Name of priority country	:EUROPEAN UNION	Address of Applicant :LEONARDO DA VINCILAAN 1, B-2650 EDEGEM BELGIUM
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)LEIMANN, DIRK-OLAF</b>
(87) International Publication No	: NA	<b>2)VAN EYNDHOVEN, ERWIN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a parallel gear unit (20) for a gearbox (30) for a wind turbine. The parallel gear unit (20) comprises at least a low speed shaft (21) and a high speed shaft (22), each shaft (21, 22) comprising a gear (23, 25) with helical teeth, the gears (23, 25) of each shaft (21, 22) being adapted for meshing with each other. The low speed shaft (21) is rotatably supported by roller bearings (24a) and the high speed shaft (22) is rotatably supported by sliding bearings (24b). The present invention also provides a gearbox (30) comprising a parallel gear unit (20) according to embodiments of the invention and a wind turbine comprising such a gearbox (30).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/2010

(21) Application No.861/KOL/2010 A

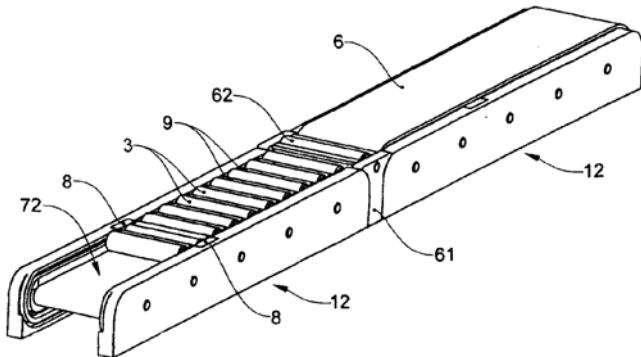
(43) Publication Date : 30/12/2011

(54) Title of the invention : SUPPORT DEVICE FOR CONVEYING HEAVY LOADS

(51) International classification	:B65G39/10	(71)Name of Applicant :
(31) Priority Document No	:01307/09	1)WRH WALTER REIST HOLDING AG
(32) Priority Date	:24/08/2009	Address of Applicant :ARENENBERGSTRASSE 6, 8272 ERMATINGEN SWITZERLAND
(33) Name of priority country	:Switzerland	(72)Name of Inventor :
(86) International Application No	:NA	1)RUGE, MARTIN
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 support device for conveying heavy loads comprises a support body (7) and a roller body (5) which revolves around the support body (7), wherein ■ the roller body (5) comprises a series of support rollers (3) and of distancing rollers (9) ■ the distancing rollers (9) have a smaller diameter than the support rollers (3), and the distancing rollers (9) in each case distance consecutive support rollers (3) from one another, and ■ the support device (12) is provided for supporting a load which moves along a support region (11), and the roller body (5) at least in the support region (11) is covered in its whole width by a belt (6), and thus in the support region (11), the support rollers (3) roll on the support body (7) and on the belt (6).



No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/2010

(21) Application No.862/KOL/2010 A

(43) Publication Date : 30/12/2011

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(54) Title of the invention : DRILLING DEVICE AND DRILLING METHOD

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(51) International classification	:E02D3/02	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09011062.8/EP	<b>1)BAUER MASCHINEN GMBH</b>
(32) Priority Date	:28/08/2009	Address of Applicant :BAUER-STR. 1, 86529
(33) Name of priority country	:EUROPEAN UNION	SCHROBENHAUSEN, GERMANY
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WEIXLER, LEONHARD</b>
(87) International Publication No	: NA	<b>2)FINKENZELLER, STEFAN MICHAEL</b>
(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 :

The invention relates to a drilling device and a drilling method for drilling inside a casing tube with a drilling apparatus, which has a supporting frame with a fastening means for fixation with respect to the casing tube and a drilling tool, which is driven in a rotating manner via a telescopic rod by means of a drill drive arranged on the supporting frame. At the upper end of the casing tube a receiving part is arranged in accordance with the invention, onto which the supporting frame can be fastened. The receiving part is adjustably supported between a drilling position and an offset position, in which the receiving part is laterally offset with respect to the casing tube.

No. of Pages : 18 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2010

(21) Application No.859/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : MOTOR

(51) International classification	:B60K17/00
(31) Priority Document No	:200920134627.0
(32) Priority Date	:05/08/2009
(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

(71)Name of Applicant :

1)JOHNSON ELECTRIC S.A.

Address of Applicant :BAHNHOFSTRASSE 18, CH-3280  
MURTEN, SWITZERLAND

(72)Name of Inventor :

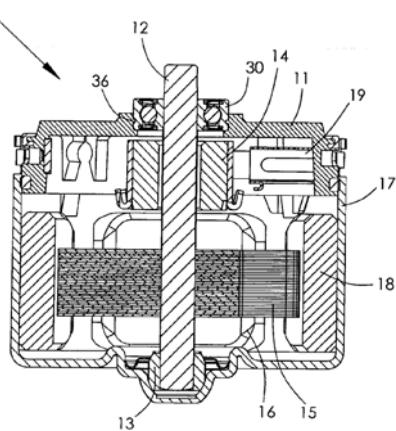
1)CHANG, HARRY HANG FUNG

2)MAN, YIU LEUNG

3)LI, YAO FEI

(57) Abstract :

An automated manual transmission comprises a hydraulic pump and a motor for driving the hydraulic pump. The motor comprises a stator and a rotor rotatably mounted to the stator, the stator comprising a housing and a motor end cap fixed to the housing, the rotor comprising a rotatable shaft rotatably supported by a bearing which is installed to the end cap. The bearing comprises an inner race, an outer race, rollers disposed between the inner race and the outer race, and roll holder for holding the rollers. A ring-shaped seal member is arranged at one axial end of the bearing to seal the gap between the inner race and outer race. The end cap is molded at outer peripheral surface of the outer race.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/08/2010

(21) Application No.864/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : FELT BODY MANUFACTURING METHOD

(51) International classification	:D04H1/56
(31) Priority Document No	:09011760.7
(32) Priority Date	:15/09/2009
(33) Name of priority country	:EUROPEAN UNION
(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)GROZ-BECKERT KG

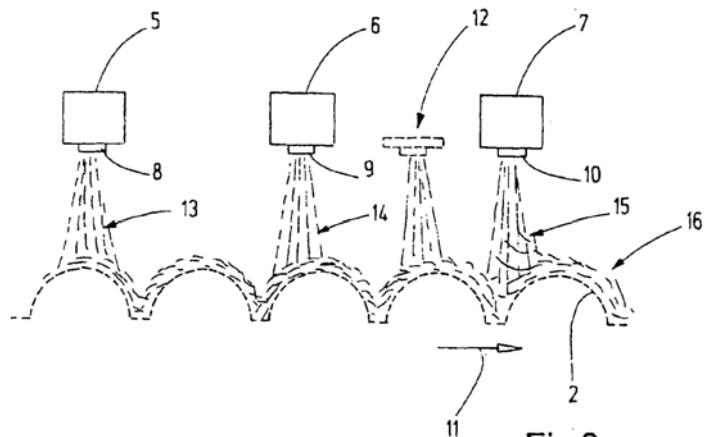
Address of Applicant :PARKWEG 2 72458 ALBSTADT,  
GERMANY

(72)Name of Inventor :

1)THOMAS KÜHL

(57) Abstract :

In the inventive method for the manufacture of spatial objects of a fleece or felt, the fibers are deposited on a mold that is preferably air-permeable. The fibers may be attracted to the mold by a vacuum applied to the underside of said mold. Preferably, the mold has several spatial structures that define the shape of the fiber web that is being formed and that correspond at least approximately to the desired final shape. By subsequent compacting of the thusly obtained fiber web, a spatially three-dimensional felt object is obtained. In this method, subsequent deforming steps are unnecessary or reduced to a minimum, so that the material to be produced does not experience any substantial distortion.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/08/2010

(21) Application No.865/KOL/2010 A

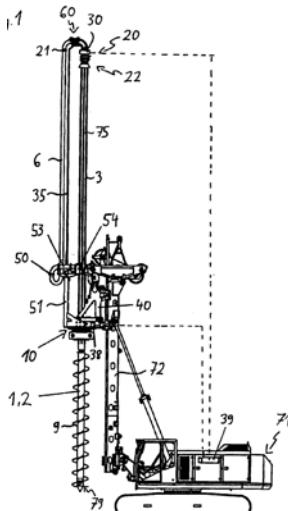
(43) Publication Date : 30/12/2011

(54) Title of the invention : DRILLING APPARATUS AND METHOD FOR WORKING THE GROUND

(51) International classification	:E02F5/20	(71) Name of Applicant :
(31) Priority Document No	:09011061.0/EP	<b>1)BAUER MASCHINEN GMBH</b>
(32) Priority Date	:28/08/2009	Address of Applicant :BAUER-STR. 1, 86529
(33) Name of priority country	:EUROPEAN UNION	SCHROBENHAUSEN, GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	<b>1)BAUER, SEBASTIAN</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a drilling apparatus for working the ground comprising a drill drive for driving a drill string in a rotating manner and a rotary feedthrough for passing a construction material from a construction material hose into the interior of the drill string, whereby the rotary feedthrough has a first line connection for the construction material hose and a second line connection, rotatable relative to the first line connection, for the drill string. In accordance with the invention provision is made for the rotary feedthrough to have a rotary device for actively rotating the second line connection relative to the first line connection. The invention also relates to a method for working the ground, which can be carried out, in particular, by means of a drilling apparatus according to the invention.



No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2010

(21) Application No.868/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : NODE MANAGEMENT METHOD AND CONTROL PLANE

(51) International classification	:G06F21/00
(31) Priority Document No	:200910171239.4
(32) Priority Date	:25/08/2009
(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

(71)Name of Applicant :

1)HUAWEI TECHNOLOGIES CO., LTD

Address of Applicant :HUAWEI ADMINISTRATION  
BUILDING, BANTIAN, LONGGANG DISTRICT,  
SHENZHEN, GUANGDONG 518129, P.R. CHINA

(72)Name of Inventor :

1)LUO, XIANLONG

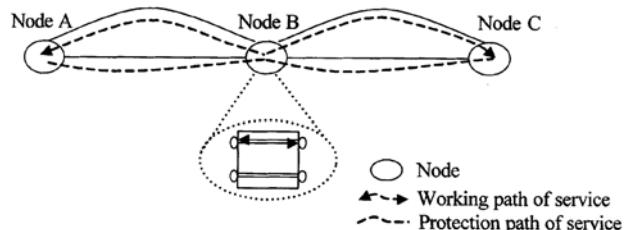
2)LIN, DONGQIAO

3)HU, MING

4)CHEN, CHUNHUI

(57) Abstract :

In the field of optical network technology, a node management method and a control plane are provided, thereby solving a problem of an existing optical network that it is impossible to perform segment switching and automatically create a new protection path at the same time. The node management method includes the following steps. After a working path creating request is received, bi-directional cross is created between working paths of two segments connected by a segment node. After a protection path creating request is received, the bi-directional cross is modified as Sub-network Connection Protections (SNCPs) among paths of the two segments connected by the segment node, in which the paths of the two segments include the working paths and protection paths of the two segments. The control plane may compute a new standby protection path according to a corresponding algorithm, so that when a fault occurs in the existing protection path, a service may be borne by the standby protection path, and the service is ensured to be normally implemented.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2010

(21) Application No.869/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : MOLD DESIGN AND POWDER MOLDING PROCESS

(51) International classification

:B22F3/02

(31) Priority Document No

:61/240828

(32) Priority Date

:09/09/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)DEPUY PRODUCTS, INC.**

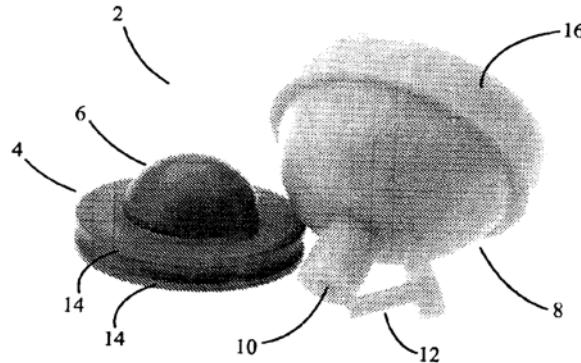
Address of Applicant :700 ORTHOPAEDIC DRIVE,  
WARSAW, IN 46581, INDIANA CORPORATION UNITED  
STATES OF AMERICA

(72)Name of Inventor :

**1)ANDREW JAMES MARTIN  
2)HENGDA DEREK LIU  
3)JUWAN RIM  
4)JEFFREY A. RYBOLT**

(57) Abstract :

Provided are molds comprising a substantially concave portion, and a cap portion that is configured for removable attachment to the substantially concave portion and comprises a mandrel formed from a substantially rigid material, wherein the cap portion and the substantially concave portion, when attached, define an internal space having a three-dimensional shape. Among other benefits, the disclosed devices and methods of using such devices provide more uniform and repeatable compaction than conventional molds, and can be used to produce compacted structures having more dimensionally accurate and repeatable surface features, thereby yielding a better, more optimal near net shaped part.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2010

(21) Application No.870/KOL/2010 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : SPINNING MACHINE WITH AUTO OILER FOR AT LEAST ONE SPINNING SPINDLE

(51) International classification	:D01H7/04
(31) Priority Document No	:102009038159.7
(32) Priority Date	:20/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROTORCRAFT AG.

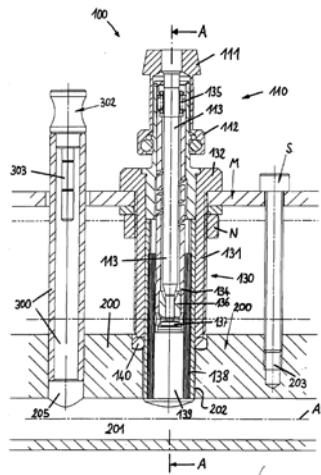
Address of Applicant :BAFFLESSTR. 14 9450  
ALTSTATTEN, SWITZERLAND

(72)Name of Inventor :

1)HANS STAHLCKER

(57) Abstract :

The invention relates to a spinning machine (M), including at least one spinning spindle (100) featuring a lower part (130) comprising a spindle journal bearing for the upper part (110) of the spindle, the spinning spindle (100) being secured by its spindle lower part (130) to the spinning machine (M). In accordance with the invention it is further provided for that the spinning machine (M) comprises at least one auto oiler for at least one lower part (130) of the spindle serving to automatically oil the corresponding spindle journal bearing thereof. Belonging thereto, the invention relates furthermore to an oiler rail (200) and a corresponding spinning spindle (100).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/01/2011

(21) Application No.87/KOL/2011 A

(43) Publication Date : 30/12/2011

(54) Title of the invention : METHODS AND DEVICES FOR IMPLANTS WITH IMPROVED CEMENT ADHESION

(51) International classification

:A61L27/04

(31) Priority Document No

:12/696,880

(32) Priority Date

:29/01/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)DEPUY PRODUCTS, INC.**

Address of Applicant :700 ORTHOPAEDIC DRIVE  
WARSAW, INDIANA 46581-0988 U.S.A.

(72)Name of Inventor :

**1)WEIDONG TONG**

**2)STEVE LEISINGER**

**3)LAWRENCE SALVATI**

**4)JOHN BONITATI**

(57) Abstract :

Biomedical implants (e.g., orthopedic implants) with modified surfaces that can enhance a cement bond's strength (e.g., tensile, shear, and/or fatigue) are disclosed, along with methods of manufacturing and using such implants. The implants can exhibit a variety of physical, chemical, or process-derived features which can enhance cement bonding. For instance, the implant surface can exhibit particular roughness values, and/or be substantially free of non native material. Processes for producing such implants can include providing a first roughened implant surface, which can be produced, for example, by particle blasting. A treatment formulation can be applied to the first roughened surface to create a second roughened surface that exhibits enhanced cement bonding properties relative to the first roughened surface. In some instances, the first roughened surface and the second roughened surface can exhibit substantially similar Ra values. The second roughened surface can exhibit a negative RSk value.



No. of Pages : 53 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/01/2011

(21) Application No.88/KOL/2011 A

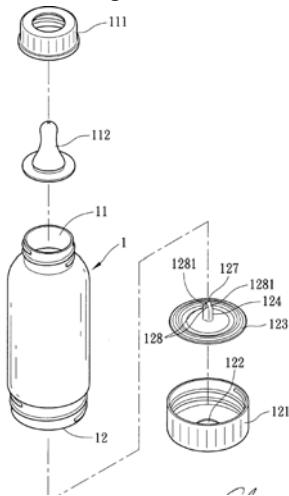
(43) Publication Date : 30/12/2011

(54) Title of the invention : DUAL OPENING NURSING BOTTLE

(51) International classification	:A61J11/02	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/692,885	<b>1)CHIN-LONG FONG</b>
(32) Priority Date	:25/01/2010	Address of Applicant :3/F, NO. 2, ALLEY 2, LANE 211, YUNGFU ST., SANCHUNG CITY TAIPEI COUNTY, TAIWAN, R.O.C.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHIN-LONG FONG</b>
(87) 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 dual opening nursing bottle includes a bottle body 1 having a top opening 11 and a bottom opening 12, a nipple 112 attached to the top opening 11 of the bottle body 1, a top cap 111 fastened to the top opening 11 of the bottle body 1 to hold down the nipple 112 in place, a bottom cap 121 fastened to the bottom opening 12 of the bottle body 1 and having a center through hole 122, a pad 123 detachably mounted inside the bottom cap 121 to seal the bottom opening 12 of the bottle body 1, and a one-way air valve 124 installed in the pad 123 for allowing outside air to be sucked into the inside of the bottle body 1 and prohibiting the contained fluid from flowing out of the bottom body 1 through the bottom opening 12.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/08/2010

(21) Application No.880/KOL/2010 A

(43) Publication Date : 30/12/2011

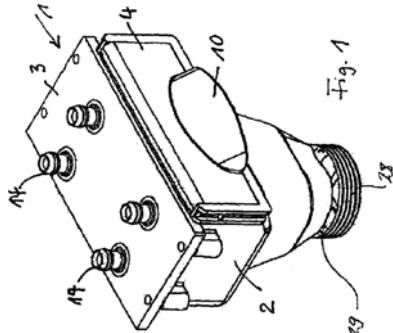
(54) Title of the invention : SUPPLY DEVICE FOR DIALYSIS APPARATUSES

(51) International classification :F15D1/00  
(31) Priority Document No :102009038571.1  
(32) Priority Date :22/08/2009  
(33) Name of priority country :Germany  
(86) International Application No :NA  
    Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
    Filing Date :NA  
(62) Divisional to Application Number :NA  
    Filing Date :NA

(71)Name of Applicant :  
**1)MANFRED VÖLKER**  
Address of Applicant :MEISENWEG 1, 63825  
BLANKENBACH, GERMANY  
(72)Name of Inventor :  
**1)MANFRED VÖLKER**

(57) Abstract :

The supply device for dialysis apparatuses, comprising a permeate line and at least one concentrate line for supplying permeate and dialysis concentrate(s) to a dialysis apparatus to be mixed so as to obtain dialysis liquid, and comprising a waste water line for discharging waste water out of the dialysis apparatus, is characterized in that the waste water line is in communication with a substantially funnel-shaped outlet container into which the waste water falls in a free fall, thereby impinging on an inclined wall section of the outlet container. Virtually no noise is created that would be noticed by a patient, and a pivotable door is preferably arranged at the outlet container for permitting the taking of samples in an easy way from the outlet container by means of small test rods.



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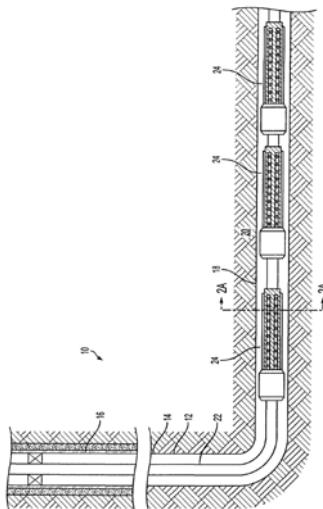
(43) Publication Date : 30/12/2011

(54) Title of the invention : SWELLABLE SCREEN ASSEMBLY

(51) International classification	:E21B43/08	(71)Name of Applicant :
(31) Priority Document No	:12/539,754	<b>1)HALLIBURTON ENERGY SERVICES, INC.</b>
(32) Priority Date	:12/08/2009	Address of Applicant :P.O. BOX 819052, DALLAS, TEXAS
(33) Name of priority country	:U.S.A.	75381-9052 UNITED STATES OF AMERICA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)HOLDERMAN, LUKE W.</b>
(87) International Publication No	: NA	<b>2)SEVRE, ALF KOLBJORN</b>
(61) Patent of Addition to Application Number	:NA	
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Filing Date	:NA	

(57) Abstract :

Screen assemblies capable of being disposed in a wellbore for hydrocarbon fluid production are described. The screen assemblies can support tubes for receiving hydrocarbon fluid and reduce or eliminate plugging of the tubes by swellable material. A screen assembly may include a support material between a tube and swellable material located exterior to a base pipe. The tube may include perforations and can receive and direct hydrocarbon fluids from the formation. The swellable material can expand after contact with an activating fluid and can displace the tube toward a surface of the bore. The swellable material can expand more than the support material and the support material can reduce or prevent plugging of the perforations by the swellable material expanding.



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

**PUBLICATION U/S.61(3) IN RESPECT OF APPLICATION FOR RESTORATION  
OF PATENTS (KOLKATA)**

Notice is hereby given that application for Restoration under mentioned Patents have been allowed and the said Patents restored

Serial No.	Application Nos.	Patent No.	Applicants	Title	Date of Publication U/R 84(3)	Appropriate Office
1	418/CAL/1999	218561	SATISH GOKHALE	AUTOLIFTING OF TOILET SEAT	10/09/2010	KOLKATA
2	395/KOLNP/2005	227594	MDI MOTOR DEVELOPMENT INTERNATIONAL S.A.	CONVENIENT, MODULAR URBAN AND SUBURBAN TRANSPORT VEHICLE	10/09/2010	KOLKATA
3	622/KOL/2003	226175	ETHICON, INC.	A COMPOSITION COMPRISING A SYNTHETIC BIODEGRADABLE AND BIOCOMPATIBLE POLYMER .	06/08/2010	KOLKATA
4	667/CAL/1998	235829	SIEMENS AKTIENGESELLSCHAFT, LAUSITZER BRAUNKOHLE AG.	CONVEYOR FOR OPENCAST INSTALLATIONS	03/09/2010	KOLKATA
5	536/CAL/2000	202566	SAYEED SHAHID , SAYEED ABDUL RUB, SAYEED ISLAM	HYDRAULIC EXTRACTOR	12/06/2009	KOLKATA
6	2154/KOLNP/2005	223808	ZELEZNY EDUARD, TOLAROVA, SIMONA, ZELEZNY FILIP	A MACHINE WITH A ROTATING PISTON	08/01/2010	KOLKATA
7	101/KOLNP/2004	222727	SAINT GOBAIN GLASS FRANCE	SUBSTRATE COATED WITH A COMPOSITE FILM, MANUFACTURING PROCESS AND APPLICATIONS	08/01/2010	KOLKATA
8	105/CAL/1993	178647	MEMMINGER-IRO GMBH	THREAD BRAKE	04/12/2009	KOLKATA
9	597/CAL/2001	211709	H. A. SHETH	A PALLET FOR HANDLING PRODUCTS	08/01/2010	KOLKATA
10	832/CAL/1995	184522	VILLAMEX S.A. DE C.V.	AN IMPROVED APPARATUS FOR PRECOOKING WHEAT FLOUR DOUGH	19/03/2010	KOLKATA
11	245/KOLNP/2003	230148	JOHNSON & JOHNSON VISION CARE, INC.	AN OPHTHALMIC LENS FOR CORRECTING ASTIGMATISM AND PRESBYOPIA	10/09/2010	KOLKATA

12	1416/KOLNP/2004	227600	SAINT-GOBAIN GLASS FRANCE	GLASS COMPOSITION INTENDED FOR THE MANUFACTURE OF WINDOWS	19/03/2010	KOLKATA
13	IN/PCT/2002/326/KOL	215557	INTERDIGITAL TECHNOLOGY CORPORATION	TRANSMISSION USING AN ANTENNA ARRAY IN A CDMA COMMUNICATION SYSTEM	13/08/2010	KOLKATA
14	403/CAL/1993	180620	SVEDALA INDUSTRI (DEAUTSCHY-LAND)GMBH.	A POCKET BELT CONVEYOR.	17/09/2010	KOLKATA
15	462/CAL/2002	198961	ANANDA SARANGI	A VOICE COMMUNICATION DEVICE FOR COMMUNICATING WITH OTHER SELECTED DEVICES	28/08/2009	KOLKATA
16	575/CAL/1990	175646	TRUTZSCHLER GMBH & CO KG,OF DUVENSTRASSE 82-92,D-41199,MONCHENGLADBACH,GERMANY	A DEVICE FOR THE FEEDING OF FIBRE MATERIAL	28/08/2009	KOLKATA
17	IN/PCT/2002/814/KOL	208412	THOMSON LICENSING S.A.	METHOD FOR RECORDING OR PLAYBACK OF LOW BITRATE DATA STREAMS	12/06/2009	KOLKATA
18	1559/CAL/1998	198136	ISCAR LTD.	AN EXCHANGEABLE CUTTING INSERT AND A ROTARY CUTTING TOOL DEVICE	19/03/2010	KOLKATA
19	308/KOL/2007	238643	DR. SANJAY KUMAR NAYAK, DR. SMITA MOHANTY	PINEAPPLE LEAF FIBRE ( PALF ) / GLASS REINFORCED POLYPROPYLENE COMPOSITES	10/06/2011	KOLKATA
20	249/KOL/2003	235992	NISHANTA EXPORT PVT. LTD.	AN EFFICIENT FUEL ADDITIVE FOR LOWERING EXHAUST POLLUTION`	10/06/2011	KOLKATA
21	87/CAL/2002	236329	TRUTZSCHLER GMBH & CO. KG	A DEVICE FOR DETERMINING AND OPTIMIZING A PRE-DRAFT VALUE ON A DRAW-UNIT FOR SLIVERS	10/09/2010	KOLKATA

22	1318/CAL/1998	211009	GEA ENERGIETECHNIK GMBH	BUILT-IN PACKING FOR THE MATERIAL EXCHANGE AND/OR HEAT EXCHANGE BETWEEN GASES AND LIQUIDS	08/01/2010	KOLKATA
23	22/CAL/1990	173477	TRUTZSCHLER GMBH & CO. KG.	A DEVICE IN A CARDING MACHINE	11/09/2009	KOLKATA
24	491/KOL/2004	222741	TATA STEEL LIMITED	A REMOTE CONTROL SYSTEM FOR MILL HOUSING SHIFTING IN ROLLING MILLS	23/07/2010	KOLKATA
25	48/CAL/2001	206460	PAI LUNG MACHINERY MILL CO. LTD	STRUCTURE FOR ADJUSTING GAP BETWEEN AN ANCHOR SEAT AND A NEEDLE DRUM SEAT OF A CIRCULAR KNITTING MACHINE	19/03/2010	KOLKATA

**Publication Under Section 43(2) in Respect of the Grant**

**Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.**

Ser ial Nu mb er	Patent Number	Applicat ion Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropri ate Office
1	185941	71/DEL/ 1993	28/01/1993		A DEVICE FOR DUAL FULE OPERATION OF DIESEL ENGINES WITH ALCOHOLS	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESRACH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
2	185959	281/DE L/1993	23/03/1993		AN IMPROVED PROCESS FOR THE PREPARATION OF PLATINISED NIOBIUM SUBSTRATE	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESRACH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
3	186525	74/DEL/ 1993	28/01/1993		AN IMPROVED METHOD FOR THE PREPARATION OF EXTEREME PRESSURE INDUSTRIAL GEAR OIL	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESRACH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
4	187015	889/DE L/1993	18/08/1993		AN ELASTIC THREE DIMENSIONAL FLUID PERVERIOUS POLYMERIC WEB	THE PROTER & GAMBLE COMPANY A CORPORATION ORGANIZED UNDER THE LAW OF THE STATE OF OHIO UNITED STATES OF AMERICA		DELHI
5	187018	919/DE L/1993	24/08/1993		AN IMPROVED RECORDING APPARATUS	SONY CORPORATION A JAPANESE COMPANY.		DELHI
6	187171	761/DE L/1993	21/07/1993		A CONTINUOUSLY OPERATING BUFFER TANK USEFUL IN A CHEMICAL PROCESS PLANT	COURTAULDS PLC A British Company.		DELHI
7	187227	987/DEL/ 1994	03/08/1994		A PROCESS FOR PRODUCTION OF ACETIC ACID	BP CHEMICAL LIMITED. A BRITISH COMPANY.		DELHI
8	187356	1149/DE L/1993	14/10/1993		A RADIO SYSTEM	MOTOROLA INC. AN AMERICAN COMPANY.		DELHI

9	187357	564/DE L/1993	03/06/1993		A METHOD OF FORMING INJECTION MOULDED ARTICLE	ADVANCED MATERIALS TECHNOLOGIES PTE LTD A SINGAPORE COMPANY.		DELHI
10	187366	1146/DE L/1993	14/10/1993		A PROCESS FOR THE MANUFACTURE OF SOLVENT- SPUN CELLULOSE FIBRE	TENCEL LIMITED		DELHI
11	187372	354/DE L/1994	29/03/1994		A DEVICE FOR LOADING/UNLOA DING OF WASTE/GARBAGE/ MARERIALS	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
12	187405	192/DE L/1993	03/03/1993		AN IMPROVED PROCESS FOR PRODUCING MATRIX BOARD USEFUL FOR MAKING RUBBER STEROE PLATE	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
13	187411	854/DE L/1993	10/08/1993		AN ABSORBENT ARTICLE PACKED INDIVIDUALLY	THE PROCTER & GAMBLE COMPANY A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO UNITED STATES OF AMERICA.		DELHI
14	187529	211/DE L/1994	24/02/1994		AN AMPROVED PROCESS FOR THE PREPARATION OF NITRILES FROM CARBOXYLIC ACIDS	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
15	187903	785/DE L/1993	27/07/1993		A ROLLING MILL	MORGAN CONSTRUCTION COMPANY A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE COMMONWEALTH OF MASSACHUSETTS UNITED STATES OF AMERICA		DELHI
16	187917	1110/DE L/1993	05/10/2003		A SELECTIVE CALL RECEIVER APPARATUS	MOTOROLA INC A CORPORATION OF THE STATE OF DELAWARE USA.		DELHI

17	187920	1154/DE L/1993	15/10/1993		APPARATUS FOR THE DISCHARGE OF BULK MATERIALS FROM A VEHICLE	EVANS DEAKIN PTY LTD. AN AUSTRALIAN COMPANY.		DELHI
18	187929	1083/DE L/1993	30/09/1993		A PROCESS FOR IMPROVING EMULSIFYING POWER OF SAPONIN	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
19	187930	1084/DE L/1993	30/09/1993		A PROCESS FOR IMPROVING EMULSIFYING POWER OF SAPONIN	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
20	187958	243/DE L/1994	01/03/1994		PRINTING PLATE FOR PRINTING SECURITY PATTERN ON SECURITY PAPER	DE LA RUE GIORI S.A..		DELHI
21	187995	313/DE L/1994	22/03/1994		AN IMPROVED PROCESS FOR PREPARATION OF CARBOXYLIC ACIDS BY ONE STEP OXIDATION OF HYDROCARBONS.	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
22	188535	150/DE L/1994	08/02/1994		PROCESS FOR THE PREPARATION OF A DIMETHYL CYCLOHEXANEDI CARBOXYLATE	EASTMAN CHEMICAL COMPANY. A COMPANY ORGANIZED UNDER THE LAWA OF THE STATE OF DELAWARE UNITED STATE OF AMERICA.		DELHI
23	188540	869/DE L/1994	11/07/1994		AN IMPROVED PROCESS FOR THE EXTRACTION OF MIXTURE OF LINEAR TERMINAL OLEFIN AND LINEAR PARAFFIN	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
24	188715	698/DE L/1994	02/06/1994		A PROCESS FOR THE RECOVERY OF SULPHUR	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI

25	188716	699/DE L/1994	02/06/1994		AN IMPROVED PREPARATION OF PYRIDINE/PYRIDINE DERIVATIVES FROM ETHANOL	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
26	188717	954/DE L/1994	27/07/1994		AN IMPROVED PROCESS FOR THE PREPARATION OF 5-FORMYL 1-1, 3-DIOXEPENES	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
27	188718	1198/DE L/1994	23/09/1994		A PROCESS FOR THE PREPARATION OF A NOVEL MOLECULAR SIEVE CATALYST	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
28	188881	435/DE L/1994	13/04/1994		AN IMPROVED GAS SENSOR FOR DETERMINING THE CONCENTRATION OF AMMONIA	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
29	188890	553/DE L/1994	04/05/1994		AN INTEGRATED CIRCUIT DEVICE	MONDEX INTERNATIONAL LIMITED A BRITISH COMPANY.		DELHI
30	188896	689/DE L/1994	02/06/1994		AN IMPROVED PROCESS FOR HYDROTHERMAL PREPARATION OF ELECTRONIC GRADE POTASSIUM SILICATE FROM RICE HUSK ASH	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
31	188898	695/DE L/1994	02/06/1994		A PROCESS FOR PREPARATION OF CELLULOSE CEMENT COMPOSITE BUILDING MATERIAL	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
32	188899	706/DE L/1994	02/06/1994		A HOT ROLLING OIL COMPOSITION USEFUL FOR HOT	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN		DELHI

					ROLLING OPERATION OF STEEL	REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		
33	188961	780/DE L/1994	22/06/1994		A DIFFERENTIAL MECHANISM	AUTOMOTIVE PRODUCTS PLC.		DELHI
34	188964	898/DE L/1994	15/07/1994		A PROCESS FOR THE PRODUCTION OF CORROSION AND WEAR RESISTANT FERROUS METAL PARTS	CENTRE STEPHANOIS DE RECHERCHES MECANIQUES HYDROMECHANIQUE ET FROTTEMENT A FRENCH COMPANY.		DELHI
35	188966	995/DE L/1994	04/08/1994		A PROCESS FOR THE PREPARATION OF SULPHURISED KARANJA OIL USEFUL AS AN EXTREME PRESSURE LUBRICANT	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
36	188967	1084/DE L/1994	30/08/1994		A PROCESS FOR PREPARING SHAMPOO CONDITIONER	HELENE CURTIS INC. A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF STATE OF ILLINOIS.		DELHI
37	188969	1199/DE L/1994	23/09/1994		A IMPROVED PROCESS FOR THE PRODUCTION OF LPG AND HIGH OCTANE GASOLINE OR AROMATIC HYDROCARBONS( BTX) FROM NATURAL GAS CONDENSATE USING A NOVEL ZINK- ALUMINOSILICATE MOLECULAR SIEVE CATALYST	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
38	190601	8/DEL/1 994	06/01/1994		AN IMPROVED DIGITAL TAPE EXTENSOMETER	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI

39	190604	1190/DE L/1994	23/09/1994		AN IMPROVED TWO STAGE PROCESS FOR THE RECOVER OF ELEMENTAL SULPHUR FROM GASES CONTAINING HYDROGEN SULPHIDE	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT ( ACT XXI OF 1860 )		DELHI
40	190791	2781/DE L/1998	16/09/1998		A PROCESS FOR PREPARING A COMPOSITION FOR USE IN THE TREATMENT OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE	ASTRA AKTIEBOLAG A Swedish Company		DELHI
41	250305	217/DE LNP/20 06	16/06/2004	17/06/2003	"METHOD AND SYSTEM FOR SELECTIVELY DISTRIBUTING DATA TO A SET OF NETWORK DEVICES"	ACCENTURE GLOBAL SERVICES LIMITED	17/08/2007	DELHI
42	250307	5097/DE LNP/20 05	07/05/2004	08/05/2003	"APPARATUS AND METHOD OF UPLINK DATA DURING CELL UPDATE IN UNIVERSAL MOBILE TELECOMMUNICAT IONS SYSTEM USER EQUIPMENT"	RESEARCH IN MOTION LIMITED	02/10/2009	DELHI
43	250308	1987/DE LNP/20 06	05/10/2004	16/10/2003	"PROCESS FOR PREPARING N- SUBSTITUTED 3B- AMINONORTROPA NES OF FORMULA I OR AN ACID ADDITION SALT THEREOF"	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	03/08/2007	DELHI
44	250309	2140/DE LNP/20 06	25/10/2004	27/10/2003	COMPOUND USEFUL AS CCR-2 ANTAGONIST SALI	MERCK SHARP & DOHME CORP.,	10/08/2007	DELHI
45	250315	4503/DE LNP/20 06	21/01/2005	21/01/2004	A METHOD AND SYSTEM OF SHORTENING THE TIME REQUIRED FOR A PROCESSOR TO PERFORM CONSTRAINT BASED OPTIMIZATION	METALOGIC, INC.	24/08/2007	DELHI

46	250320	371/DE L/2006	10/02/2006	08/06/2005	SELF - DRIVING MACHINE	LS CABLE LTD.	17/08/2007	DELHI
47	250321	514/DE LNP/20 06	09/07/2004	11/07/2003	"CHEWABLE ANTIPLAWE CONFECTIONERY DENTAL COMPOSITION CONTAINING AN ENZYME TO REDUCE PLAQUE"	COLGATE-PALMOLIVE COMPANY	10/08/2007	DELHI
48	250323	176/DE LNP/20 07	07/07/2005	07/07/2004	"PROCESS FOR THE PREPARATION OF CALCIUM PHOSPHATE GRANULES OF THE HYDROXYAPATIT E TYPE"	INNOPHOS, INC.	03/08/2007	DELHI
49	250327	6602/DE LNP/20 06	13/05/2005	18/05/2004	"PROCESS FOR PRODUCING POLYPROYLENE FILM"	BOREALIS TECHNOLOGY OY	31/08/2007	DELHI
50	250328	7147/DE LNP/20 07	15/02/2006	30/03/2005	"METAL ELASTOMER COMPOUND"	THE GATES CORPORATION	05/10/2007	DELHI
51	250331	4957/DE LNP/20 05	26/04/2004	26/04/2003	AN ELECTROMAGNET IC ACTUATOR"	CAMCON LTD.	28/09/2007	DELHI
52	250334	4311/DE LNP/20 06	20/01/2005	21/01/2004	AN AMINE SALT OF A 2-QUINOLINE DERIVATIVE	OTSUKA PHARMACEUTICAL CO., LTD	03/08/2007	DELHI
53	250335	763/DE L/2005	31/03/2005		A PROCESS FOR THE PREPARATION OF FRUCTOOLIGOSA CCHARIDES BASED EDIBLE FILMS AND COATING WITH PREBIOTIC PROPERTIES	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	31/07/2009	DELHI
54	250336	2090/DE LNP/20 06	04/11/2004	06/11/2003	"A PROCESS OF REDUCING NOX EMISSIONS FROM THE REGENERATION ZONE DURING FCC OF A HYDROCARBON FEEDSTOCK INTO LOWER MOLECULAR WEIGHT COMPONENTS"	W. R. GRACE & CO.- CONN.	13/07/2007	DELHI

55	250338	2938/DE LNP/20 05	02/12/2003	02/12/2002	"METHOD FOR ADJUSTING ROOM AIR IN A RECREATION ROOM"	SPIEGEL, VOLKER	03/10/2008	DELHI
56	250339	3566/DE LNP/20 04	17/04/2003	18/04/2002	"A COMPOSITION FOR LOWERING SERUM CHOLESTEROL LEVELS"	MONSANTO TECHNOLOGY LLC	09/10/2009	DELHI
57	250340	2678/DE L/2006	14/12/2006	16/12/2005	"A GEAR FOR ADJUSTING TWO PARTS OF A SEAT ADJUSTMENT DEVICE"	IMS Gear GmbH	24/08/2007	DELHI
58	250341	3615/DE LNP/20 05	12/02/2004	13/02/2003	"FORWARD VIEW APPARATUS FOR MOTOR VEHICLES"	MACDOUGALL, CRAIG, HART	03/04/2009	DELHI
59	250342	5844/DE LNP/20 06	14/04/2005	22/04/2004	"PRINTING MACHINE WITH LASER PERFORATING UNIT"	KBA-GIORI S.A.	13/07/2007	DELHI
60	250343	951/DE L/2000	23/10/2000		A PEDAL OPERATED INPUT TRANSDUCER FOR ELECTRIC ROAD VEHICLES AND OTHER DEVICES	RAJEEV AGRAWAL	25/07/2008	DELHI
61	250345	IN/PCT/ 2000/00 341/DE L	23/02/2000	23/02/1999	"A METHOD AND DEVICE FOR IMPROVING THE COMBUSTION OF FUELS IN APPARATUSES"	JEAN-LOUIS BOISSET,PATRIK, JEAN, GEORGES SIEGLER- LATHROP	30/10/2009	DELHI
62	250346	1403/DE LNP/20 05	06/10/2003	15/10/2002	"PROCESS AND INSTALLATION FOR CONTINUOUS PRODUCTION OF A THIN STEEL STRIP"	VOEST-ALPINE INDUSTRIEANLAGENBA U GMBH & CO.	09/01/2009	DELHI
63	250347	2427/DE LNP/20 05	08/12/2003	06/12/2002	"DAMPING AND STIFFNESS SYSTEM IN A VEHICLE SUSPENSION SYSTEM"	KINETIC PTY. LTD.	27/03/2009	DELHI
64	250348	1191/DE LNP/20 05	26/09/2003	27/09/2002	"TOOTHBRUSH"	COLGATE-PALMOLIVE COMPANY	20/03/2009	DELHI
65	250349	3462/DEL/ 2005	23/12/2005		NOVEL SUPERABSORBENT HYDROGEL/S AND THE METHOD OF OBTAINING THE SAME	INDIAN COUNCIL OF AGRICULTURAL RESEARCH	05/09/2008	DELHI

66	250350	1354/DE LNP/20 03	26/02/2002	26/02/2001	"METHOD AND CONTROL DEVICE FOR ADVANCING A NEEDLE PUNCHED FIBEROUS SHEET"	MESSIER-BUGATTI	20/05/2005	DELHI
67	250351	4185/DE LNP/20 04	14/07/2003	17/07/2002	"A VIRUS LIKE PARTICLE USEFUL FOR REDUCING IMMUNE RESPONSE"	CYTOS BIOTECHNOLOGY AG	27/11/2009	DELHI
68	250352	IN/PCT/ 2002/01 105/DE L	12/03/2001	28/06/2000	"APPARATUS FOR CARRYING OUT TRANSACTION EMPLOYING A PORTABLE PERSONAL IDENTIFICATION AND TRANSACTION CONTROL DEVICE AND METHODS THEREOF"	G.HOLDINGS LTD.	04/11/2005	DELHI
69	250354	3127/DE LNP/20 04	18/04/2003	18/04/2002	"PROCESS FOR CRACKING AND FURTHER TREATING HYDROCARBONS"	UOP LLC	09/05/2008	DELHI
70	250356	328/DE LNP/20 06	27/07/2004	28/07/2003	ADHESIVE COMPOSITION COMPRISING A FORMALDEHYDE- CONTAINING AMINOPLAST RESIN AND A CATALYSING COMPOUND	DSM IP ASSETS B.V.	17/08/2007	DELHI
71	250357	2029/DE LNP/20 04	25/12/2002	26/12/2001	METHOD OF APPLYING THE ALUMINIUM ALLOY COATING ON CAST IRON AND STEEL PRODUCTS	ZAKRITOE MAKTSIONERNOE OBSCHESTVO,MARUTIA N,VOLKOV	13/03/2009	DELHI
72	250358	3457/DE LNP/20 06	22/12/2004	22/12/2003	"NEW PROCESS FOR THE SYNTHESIS OF ENEAMIDE DERIVATIVES"	PPG-SIPSY	31/08/2007	DELHI
73	250359	2565/DE L/2006	30/11/2006	12/12/2005	"AN AQUEOUS COMPOSITION"	ROHM AND HAAS COMPANY	24/08/2007	DELHI
74	250360	7197/DE LNP/20 06	21/10/2005	21/10/2004	ACRYLIC PRESSURE SENSITIVE ADHESIVE COMPOSITION	LG CHEM, LTD	17/08/2007	DELHI

75	250361	1303/DE LNP/20 05	29/09/2003	02/10/2002	"A PROCESS FOR TOPICALLY TREATING A CARPETED FLOOR COVERING ARTICLE AND AN ARTICLE THEREOF"	MILLIKEN & COMPANY	30/10/2009	DELHI
76	250363	96/DEL/ 2006	12/01/2006		A METHOD FOR DEVELOPING A TISSUE PROTEOME LIBRARY	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	26/02/2010	DELHI
77	250364	2241/DE LNP/20 07	07/10/2005	08/10/2004	"METHODS FOR ANTIBODY LIBRARY SCREENING"	AFFITECH RESEARCH AS	03/08/2007	DELHI
78	250370	765/DE LNP/20 05	12/08/2003	12/08/2002	"A METHOD FOR INCREASING TOTAL OIL LEVEL IN A SEED"	MONSANTO TECHNOLOGY,LLC.	13/03/2009	DELHI
79	250375	4971/DE LNP/20 06	21/02/2005	19/02/2004	A PROCESS FOR THE PREPARATION OF SALTS OF A CARBOXYLIC ACID WITH AN AMINOALCOHOL	LONZA AG	17/08/2007	DELHI
80	250376	4120/DE LNP/20 07	29/12/2005	29/12/2004	"AN ELASTOMERIC COMPOSITION BEING A CURABLE, FILLED RUBBER FORMULATION"	EXXONMOBIL CHEMICAL PATENTS INC.	31/08/2007	DELHI

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Serial Number	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	250317	1940/MU MNP/2007	04/05/2006	16/05/2005	INLINE MEASURING DEVICE WITH A VIBRATION -TYPE MEASUREMENT PICKUP	ENDRESS+HAUSER FLOWTEC AG	21/12/2007	MUMBAI
2	250318	1566/MU MNP/2007	13/03/2006	11/03/2005	METHOD AND APPARATUS FOR PHASE MATCHING FRAMES IN VOCODERS	QUALCOMM INCORPORATED	23/11/2007	MUMBAI
3	250319	1481/MU MNP/2007	31/05/2006	31/05/2005	A METHOD AND SYSTEM FOR DYNAMICALLY ALLOCATION SYSTEM RESOURCES	QUALCOMM INCORPORATED	16/11/2007	MUMBAI
4	250322	2054/MU MNP/2007	11/05/2006	20/06/2005	MAGNETO-INDUCTIVE FLOW MEASURING DEVICE	ENDRESS+HAUSER FLOWTEC AG	25/01/2008	MUMBAI
5	250325	1511/MU MNP/2007	09/03/2006	10/03/2005	SYSTEMS AND METHODS FOR BEAMFORMING IN MULTI-INPUT MULTI-OUTPUT COMMUNICATION SYSTEMS	QUALCOMM INCORPORATED	09/11/2007	MUMBAI
6	250333	1007/MU MNP/2006	27/02/2005	28/02/2004	METHOD FOR THE BIOCOMPATIBLE COATING OF MEDICAL PRODUCTS	HEMOTEQ AG	13/04/2007	MUMBAI
7	250355	817/MUM /2006	29/05/2006		INTEGRATED THERMOMECHANICAL PROCESS TO ACHIEVE MINIMUM STRENGTH IN 10% DEPTH	MAHINDRA & MAHINDRA LTD.	17/08/2007	MUMBAI
8	250362	1549/MU MNP/2008	26/12/2006	26/12/2005	CARBON STEEL SHEET SUPERIOR IN FORMABILITY AND MANUFACTURING METHOD THEREOF	POSCO	24/10/2008	MUMBAI
9	250372	861/MUM NP/2007	14/11/2005	12/11/2004	FC VARIANT WITH ALTERED BINDING TO FCRN	XENCOR INC.	24/08/2007	MUMBAI

10	250374	699/MUM /2008	31/03/2008 12:56:47		A GENE SIGNATURE FOR MONITORING CANCER PATIENTS TREATED WITH A COMBINATION OF GEMCITABINE AND P276-00	PIRAMAL LIFE SCIENCES LTD.	12/06/2009	MUMBAI
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Serial Number	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	250301	1911/CH ENP/2006	28/10/2004	31/10/2003	APPARATUS FOR CONTROLLING A HEART ASSIST DEVICE	SUNSHINE HEART COMPANY PTY LTD	08/06/2007	CHENNAI
2	250302	2695/CH ENP/2007	22/11/2005	22/11/2004	A METHOD FOR OPTIMIZATION OF THE OPERATION OF WIND ENERGY INSTALLATIONS	REPOWER SYSTEMS AG	07/09/2007	CHENNAI
3	250303	2110/CH E/2006	14/11/2006 15:05:01		METHOD AND SYSTEM FOR ENABLING REPRESENTATION OF UML CLASS DIAGRAM IN A LISP FORMAT AND DESIGN PATTERN	INDIAN INSTITUTE OF TECHNOLOGY	23/05/2008	CHENNAI
4	250304	824/CHE NP/2007	23/08/2005	27/08/2004	A METHOD FOR PRODUCING A POLYMERIZATION REACTOR	CHEVRON PHILLIPS CHEMICAL COMPANY LP	24/08/2007	CHENNAI
5	250306	1784/CH ENP/2005	16/01/2004	05/02/2003	A VIDEO RECORDING APPARATUS AND METHOD OF OPERATION THEREFOR	KONINKLIJKE PHILIPS ELECTRONICS N.V.	01/06/2007	CHENNAI
6	250310	2185/CH ENP/2004	27/03/2003	05/04/2002	MOLECULAR ELECTRONIC DEVICE USING METAL-METAL BONDED COMPLEXES	INTERNATIONAL BUSINESS MACHINES CORPORATION	03/03/2006	CHENNAI
7	250311	1619/CH E/2007	26/07/2007 17:25:09	28/07/2006	DRIVER DEVICE FOR ENGINE SYSTEM	DENSO CORPORATION	11/09/2009	CHENNAI
8	250312	1368/CH E/2007	26/06/2007 16:37:28	27/06/2006	A SCOOTER-TYPE MOTORCYCLE	HONDA MOTOR CO., LTD.	28/11/2008	CHENNAI
9	250313	719/CHE NP/2006	28/07/2004	28/07/2003	AN IC CHIP WITH A CRACK STOP	INTERNATIONAL BUSINESS MACHINES CORPORATION	29/06/2007	CHENNAI
10	250314	5736/CH ENP/2007	12/05/2006	13/05/2005	ELECTRONIC APPARATUS, CONTROL METHOD AND PROGRAM THEREOF, AND BATTERY FOR OPERATING ELECTRONIC APPARATUS	CANON KABUSHIKI KAISHA	27/06/2008	CHENNAI

11	250316	3054/CH E/2007	19/12/2007 15:52:03	21/12/2006	AN INKJET PRINTING APPARATUS	CANON KABUSHIKI KAISHA	11/09/2009	CHENNAI
12	250324	973/CHE/ 2006	06/06/2006 16:35:08	28/12/2005	GEAR	O-OKA CORPORATION	06/07/2007	CHENNAI
13	250326	701/CHE/ 2003	04/09/2003	05/09/2002	AN OPTICAL DISC WITH A CENTER HOLE	PANASONIC CORPORATION	18/11/2005	CHENNAI
14	250329	257/CHE/ 2006	17/02/2006 12:23:39		A PROCESS FOR THE PREPARATION OF 1-[2-(DIMETHYLAMINO)-1-(4-METHOXYPHENYL) ETHYL] CYCLOHEXANOL HYDROCHLORIDE.	HIKAL LIMITED	28/11/2008	CHENNAI

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Ser ial 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)	Appropriate Office
1	250330	3339/KOLN P/2007	15/02/2006	09/03/2005	A METHOD OF PRODUCING GLASS OF OPTICAL QUALITY	EVONIK DEGUSSA GMBH,	18/01/2008	KOLKATA
2	250332	1023/KOLN P/2007	08/09/2005	16/09/2004	AN IN VITRO METHOD FOR ENHANCING THE LEVEL AND/OR QUALITY OF PROTEIN PRODUCTION	SANGAMO BIOSCIENCES , INC.	13/07/2007	KOLKATA
3	250337	2430/KOLN P/2006	04/02/2005	06/02/2004	MIRROR ADJUSTMENT MECHANISM FOR A WING MIRROR UNIT OF A VEHICLE	EATON AUTOMOTIVE B. V.	25/05/2007	KOLKATA
4	250344	1454/KOLN P/2006	31/10/2004	31/10/2003	PAYOUT LAUNCHING SYSTEM	DEMOLE, FREDERIC, JEAN-PIERRE	03/04/2009	KOLKATA
5	250353	IN/PCT/2002/1455/KOL	21/06/2001	27/06/2000	A COMPOSITION, PROCESS AND KIT FOR PURIFYING AND CLARIFYING CONTAMINATED DRINKING WATER	THE PROCTER & GAMBLE COMPANY	11/03/2005	KOLKATA
6	250365	600/KOLNP/2005	10/10/2003	11/10/2002	2,3-DIHYDRO-6-NITROIMIDAZO [2,1-B] OXAZOLE COMPOUND	OTSUKA PHARMACEUTICAL CO., LTD.	18/08/2006	KOLKATA
7	250366	906/KOLNP/2008	17/11/2006	25/11/2005	PROCESS FOR INDUSTRIALLY PRODUCING DIALKYL CARBONATE AND DIOL	ASAHI KASEI CHEMICALS CORPORATION	19/12/2008	KOLKATA
8	250367	1020/KOLN P/2006	15/06/2004	03/10/2003	A METHOD OF COATING A SUBSTRATE FOR ESTABLISHING A FOULING-RELEASE COATING SYSTEM	HEMPEL A/S	20/04/2007	KOLKATA
9	250368	1355/KOLN P/2003	05/04/2002	16/04/2001	DESICCANT COMPOSITION	SUD CHEMIE INC.	10/03/2006	KOLKATA
10	250369	731/KOLNP/2007	26/07/2005	03/09/2004	A NOVEL PROCESS FOR THE PREPARATION OF MYCOPHENOLATE MOFETIL (MMF) BY ENZIMATIC	POLI INDUSTRIA CHIMICA SPA	13/07/2007	KOLKATA

					TRANSESTERIFICATION			
11	250371	2026/KOLN P/2007	21/11/2005	20/12/2004	PROCESS FOR RECOVERING METHANOL	EVONIK DEGUSSA GMBH,UHDE GMBH	10/08/2007	KOLKATA
12	250373	930/KOLNP/ 2007	25/08/2005	26/08/2004	DELIVERING FUNCTIONAL NUCLEIC ACIDS TO MAMMALIAN CELLS VIA BACTERIALLY-DERIVED, INTACT MINICELLS	ENGENEIC MOLECULAR DELIVERY PTY LTD.	13/07/2007	KOLKATA

***CONTINUED TO PART- 2***