

पेटेंट कार्यालय  
का  
शासकीय जर्नल

**OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE**

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ISSUE NO. **27/2009**

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शुक्रवार  
**FRIDAY**

दिनांक: **03/07/2009**  
**DATE: 03/07/2009**

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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

3rd July, 2009

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**THE PATENT OFFICE  
KOLKATA, 03/07/2009**

**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,<br/>Designs &amp; Trade Marks,<br/>Boudhik Sampada Bhavan,<br/>Near Antop Hill Post Office,S.M.Road,Antop Hill,<br/>Mumbai – 400 037</p> <p>Phone: (91)(22) 24123311,<br/>Fax : (91)(22) 24123322<br/>E-mail: <a href="mailto:cgpdtm@nic.in">cgpdtm@nic.in</a></p>                                                                                                                                                                                                            | 4 | <p>The Patent Office,<br/>Government of India,<br/>Intellectual Property Rights Building,<br/>G.S.T. Road, Guindy,<br/>Chennai – 600 032.</p> <p>Phone: (91)(44) 2250 2081-84<br/>Fax : (91)(44) 2250 2066<br/>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,<br/>Karnataka, Kerala, Tamil Nadu and the<br/>Union Territories of Puducherry and<br/>Lakshadweep.</li> </ul> |
| 2 | <p>The Patent Office,<br/>Government of India,<br/>Boudhik Sampada Bhavan,<br/>Near Antop Hill Post Office,S.M.Road,Antop Hill,<br/>Mumbai – 400 037</p> <p>Phone: (91)(22) 24137701<br/>Fax: (91)(22) 24130387<br/>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<br/>Pradesh, Goa and Chhattisgarh and the Union<br/>Territories of Daman and Diu &amp; Dadra and<br/>Nagar Haveli</li> </ul>               | 5 | <p>The Patent Office (Head Office),<br/>Government of India,<br/>Boudhik Sampada Bhavan,<br/>CP-2, Sector -V, Salt Lake City,<br/>Kolkata- 700 091</p> <p>Phone: (91)(33) 2367 1943/44/45/46/87<br/>Fax: (91)(33) 2367 1988<br/>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,<br/>Government of India,<br/>Boudhik Sampada Bhavan,<br/>Plot No. 32., Sector-14, Dwarka,<br/>New Delhi – 110075</p> <p>Phone: (91)(11) 2808 1921 – 25<br/>Fax: (91)(11) 2808 1920 &amp; 2808 1940<br/>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,<br/>Jammu and Kashmir, Punjab, Rajasthan, Uttar<br/>Pradesh, Uttarakhand, Delhi and the Union<br/>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 03/07/2009**  
**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<br/> तथा व्यापार चिह्न,<br/> एनटॉप हिल डाकघर के समीप,<br/> एस. एम. रोड,<br/> एनटॉप हिल, मुम्बई -400 037, भारत.<br/> फोन: (91)(22) 24123311<br/> फैक्स: (91)(22) 24123322<br/> ई.मेल: <a href="mailto:cgpdtm@nic.in">cgpdtm@nic.in</a></p>                                                                                                                                                           | 4 | <p>पेटेंट कार्यालय चेन्नई,<br/> इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग<br/> इंडिस्ट्रियल इस्टेट<br/> एसआईडीसीओ आरएमडी गोडाउन एरिया<br/> एडजसेन्ट टु इंगल फ्लास्क<br/> जी.एस.टी. रोड, गायन्डी,<br/> चेन्नई - 600 032.<br/> फोन: (91)(44) 2250 2081-84<br/> फैक्स: (91)(44) 2250-2066<br/> ई.मेल: <a href="mailto:chennai-patent@nic.in">chennai-patent@nic.in</a></p> <p>❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा<br/> पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्ष्मीप</p> |
| 2 | <p>पेटेंट कार्यालय, भारत सरकार<br/> बौद्धिक संपदा भवन,<br/> एनटॉप हिल डाकघर के समीप,<br/> एस. एम. रोड,<br/> एनटॉप हिल, मुम्बई - 400 037,<br/> फोन: (91)(22) 2413 7701,<br/> फैक्स: (91)(22) 2413 0387<br/> ई.मेल: <a href="mailto:mumbai-patent@nic.in">mumbai-patent@nic.in</a></p> <p>❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़<br/> राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर<br/> और नगर हवेली.</p>              | 5 | <p>पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय),<br/> बौद्धिक संपदा भवन,<br/> सीपी-2, सेक्टर-V, साल्ट लेक सिटी,<br/> कोलकाता- 700 091, भारत.<br/> फोन: (91)(33) 2367 1943/44/45/46/87<br/> फैक्स/Fax: (91)(33) 2367 1988<br/> 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,<br/> बौद्धिक संपदा भवन,<br/> प्लॉट सं. 32, सेक्टर - 14,<br/> द्वारका, नई दिल्ली - 110 075.<br/> फोन: (91)(11) 2808 1921-25<br/> फैक्स: (91)(11) 2808 1920, 2808 1940<br/> ई.मेल: <a href="mailto:delhi-patent@nic.in">delhi-patent@nic.in</a></p> <p>❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,<br/> पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा<br/> 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 रखीकृत 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 जहाँ 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 thereunder, 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.

## 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.1215/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :11/05/2009

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : NANOCRYSTALS OF POORLY WATER SOLUBLE DRUGS AND THEIR PREPARATION PROCESS

|                                               |           |                                                                                                                                                                                           |
|-----------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K31/5 | (71) <b>Name of Applicant :</b><br>1)GANESH K DERKAR<br>Address of Applicant :DESHPANDE WADI, WARD NO.1,<br>RAJURA, DISTRICT: CHANDRAPUR 442905,<br>MAHARASHTRA, INDIA. Maharashtra India |
| (31) Priority Document No                     | :NA       |                                                                                                                                                                                           |
| (32) Priority Date                            | :NA       |                                                                                                                                                                                           |
| (33) Name of priority country                 | :NA       |                                                                                                                                                                                           |
| (86) International Application No             | :NA       |                                                                                                                                                                                           |
| Filing Date                                   | :NA       | 2)BASAVARAJ K NANJWADE                                                                                                                                                                    |
| (87) International Publication No             | :N/A      | 3)F V MANVI                                                                                                                                                                               |
| (61) Patent of Addition to Application Number | :NA       | (72) <b>Name of Inventor :</b>                                                                                                                                                            |
| Filing Date                                   | :NA       | 1)GANESH K DERKAR                                                                                                                                                                         |
| (62) Divisional to Application Number         | :NA       | 2)BASAVARAJ K NANJWADE                                                                                                                                                                    |
| Filing Date                                   | :NA       | 3)F V MANVI                                                                                                                                                                               |

(57) Abstract :

The invention relates to nanocrystals of poorly water soluble drugs to increase their solubility and dissolution rate and thereby increased bioavailability. It specifically relates to the preparation of statin nanocrystals. More particularly it relates to the easy and cost-effective process for preparation of lovastatin nanocrystals and its formulations for convenient oral delivery. Nanocrystals of lovastatin was prepared by using simple precipitation method to overcome the difficulty of poor solubility and with less concentration of drug with proper selection of solvent and at proper dilution of drug solution with water, nanocrystals of lesser particle size is possible with slight change in crystallinity. The nanocrystals of lovastatin showed the enhanced saturation solubility, increased dissolution rate and more bioavailability in biological fluid.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2009

(21) Application No.1289/MUM/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : CONTROLLED DRUG DELIVERY FORMULATIONS FOR PARENTERAL ADMINISTRATION

|                                               |           |
|-----------------------------------------------|-----------|
| (51) International classification             | :A61K9/24 |
| (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             | :N/A      |
| (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)HIREN M BECHRA**

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KRUSHNA NAGAR MAIN ROAD, RAJKOT-360004,  
GUJARAT, INDIA. Gujarat India

**2)BASAVARAJ K NANJWADE**

**3)F V MANVI**

(72)Name of Inventor :

**1)HIREN M BECHRA**

**2)BASAVARAJ K NANJWADE**

**3)F V MANVI**

(57) Abstract :

The invention relates to controlled drug delivery formulations for parenteral administration of active agent. The controlled drug delivery formulations in the form of microspheres are developed for parenteral administration of antihypertensive agent. The controlled drug delivery formulations developed in the form of albumin microspheres for intramuscular administration of Hydralazine HCl to give during emergency and to avoid complications associated via other routes and with a view of giving a prolonged release of the Hydralazine HCl. Microspheres were prepared with natural polymer BSA using emulsion polymerization technique or emulsion cross-linking method. The prepared microspheres proved to be a potential candidate for microparticulate parenteral controlled drug delivery system.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/08/2007

(21) Application No.1613/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : SUPER SUSPENSION SYSTEM FOR BIKE

|                                               |           |                                                                                                                                                                                  |
|-----------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B60B1/06 | (71) <b>Name of Applicant :</b><br><b>1)KARAMBE JITENDRA CHANDRAKANT</b><br>Address of Applicant :AT & POST : DANDGURI, TAL.<br>SHRIVARDHAN, DISTRICT : RAIGAD 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><br><b>1)KARAMBE JITENDRA CHANDRAKANT</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 :

This super suspension system incorporates two shock absorbers instead of one. In this system, acting force due do shocks/bumps is directed in two ways, from load side as well as bump side. These two ways acting force has also two ways resolving/ resultant force and get resolved in two shock absorbers, upper and lower shock absorber. So this system reduces shock, bumps impact considerably and provides better solution to bumps/shocks problem. This system gives more comfort level to passengers and serves the purpose of effective super suspension system for bike. This, in turn, significantly reduces the physical pain such as back pain and stop subsequent diseases. It also contributes to the bike's handling to have a good active, safety and driving pleasure.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/08/2007

(21) Application No.1617/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : LECITHINISATION PROCESS FOR PREPARATION OF MILK BASED POWDER BEVARAGE WITH MICRONUTRIENTS

|                                               |            |                                                                                                                                                                                     |
|-----------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A23C9/154 | (71) <b>Name of Applicant :</b><br><b>1)RAPTAKOS BRETT &amp; CO. LTD.</b><br>Address of Applicant :253 DR. ANNIE BESANT ROAD,<br>WORLI COLONY POST OFFICE, 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)SANJAY H. SINGH</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 a method for manufacturing milk based powder beverage with micronutrients comprises of mixing Skimmed Milk Powder in a mixer with Oil-Lecithin base by way of spraying at temperature at or below 25°C followed by the addition of Whole milk powder and/or Whey Protein Concentrate (WPC) & the addition of Maltodextrin or sugar powder and mixing for 5-7 minutes with each addition in such a way so that an uniform homogeneous mixture is produced followed by the addition of 5-8%w/w mixture comprises of vitamin mixture, mineral mixture, other micronutrients after triturating with maltodextrin or sugar powder and the whole mass is mixed thoroughly for 20-30 minutes at ambient temperature and scrapped after every 5 minutes to obtain the final product of desired standard and quality.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/09/2007

(21) Application No.1678/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PETROL & DIESEL EMISSION CONTROL EQUIPMENT

|                                               |            |                                                                                                                                                                          |
|-----------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F02D41/20 | (71) <b>Name of Applicant :</b><br><b>1)NARKHEDE LAXMIKANT PRABHAKAR</b><br>Address of Applicant :AT WASRANG, KHOPOLI, TAL : KHALAPUR, DISTRICT RAIGAD 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><br><b>1)NARKHEDE LAXMIKANT PRABHAKAR</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 :

This invention relates to a device for reducing the pollution and minimize the noise in I.C. engine (Mostly light vehicles etc.) Now ,in front of silencer this device can be joined not only to reduce exhaust gases from S.I. and C.I. engine but also to minimize the noise. In S.I. engine consist of gases like CO,HC, C02, and minor amount of NOx, Sox. And in C.I. engine consist of NOx, Sox, Suspended particulates matter(SPM),Odour and minor amount of CO2, HC. But NOx is produced at very high temperature about 1100°C. All these gases are emitted out from smoke through exhaust pipe, however percentage of individual gases present in smoke varies according to the various technical aspect such as formulation of air fuel mixture, its method of feeding in the combustion chamber. This device can be joined at the end of silencer not only to I.C. engine but also Incinerators, diesel generator sets. This equipment useful for all two wheelers (light vehicles) like scooter etc. All three wheelers like auto rickshaw it may be petrol and diesel. And mostly useful for any type of auto industry which launch his product in the market and all two and three wheelers of OLD and NEW models. Except cars, omni etc When gas is passed through M.S. S-shape pipe which is connected to S-S304 tank. At the end of s-shape pipe having S-S convergent section due to that pressure of gas decreases and velocity increases. In S-S tank consist of chemical solution of Soda lime then gas is passed through that; in tank certain amount of height having net on which pallets are kept (silica gel, limestone, activated carbon)which absorb the odour and certain amount of gases. And finally gas is passes through pipe to the tank;; process in which removal of gas is very very less effluents gas is passed to atmosphere which is harmless and noise also reduced due to chemical damping.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/01/2009

(21) Application No.179/MUM/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : AN AGITATOR APPARATUS FOR FILTERING AND DRYING SOLID MATERIAL FROM LIQUID AND THE PROCESS THEREOF

|                                               |            |
|-----------------------------------------------|------------|
| (51) International classification             | :B01D29/01 |
| (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             | :N/A       |
| (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)HLE ENGINEERS PVT LTD**

Address of Applicant :HLE ENGINEERS PVT LTD, A-6,  
MAROLI UDYOGNAGAR, POST, MAROLI 396436, DIST:  
NAVSARI, GUJARAT, INDIA. Gujarat India

(72)**Name of Inventor :**

**1)HIMANSHU PATEL**

(57) Abstract :

The present invention relates to an agitator apparatus for filtering and drying solid from liquid and the process thereof.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2007

(21) Application No.1768/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : AN ELECTRONIC LOCK OPERABLE WITH AN ELECTRONIC KEY PAD

|                                               |           |                                                                                                                                                              |
|-----------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H04Q9/00 | (71) <b>Name of Applicant :</b><br><b>1)KUTAR FAROKH</b><br>Address of Applicant :103,SHIV HARI COMPLEX, VIMAN NAGAR, OFF NAGAR ROAD, PUNE 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)KUTAR FAROKH</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 :

An electronic lock operable with an electronic keypad is disclosed.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2007

(21) Application No.2263/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : TASTE MASKED MELOXICAM ORAL FILM

|                                               |           |
|-----------------------------------------------|-----------|
| (51) International classification             | :A61K9/00 |
| (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)VINITA V. KALE**

Address of Applicant :36, VNIT CAMPUS, VNIT, NEAR ABHYANKAR NAGAR, NAGPUR Maharashtra India

**2)J. G. AVARI**

**3)AMARNATH B. WATTAMWAR**

(72)Name of Inventor :

**1)VINITA V. KALE**

**2)J. G. AVARI**

**3)AMARNATH B. WATTAMWAR**

(57) Abstract :

A composite film formulation comprising meloxicam with breath freshening agents as taste masking aid are disclosed. The formulations comprises some hydrophilic polymers, taste masking combination comprises of sweeteners, flavouring agents, cyclodextrins, therapeutic agent (preferably meloxicam) and other ingredients which potentiate hydration of film for rapid dissolution. The film after dissolving into the saliva produces mucoadhesive soluble film of biodegradable polymer which retain absorbable drug in the oromucosal cavity for some period of time.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/01/2007

(21) Application No.60/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : STORING MOVIES IN DVD PLAYERS FOR ANYTIME VIEWING

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|                                                              |               |
|--------------------------------------------------------------|---------------|
| (51) International classification                            | :H04N<br>7/24 |
| (31) Priority Document No                                    | :NA           |
| (32) Priority Date                                           | :NA           |
| (33) Name of priority country                                | :NA           |
| (86) International Application No<br>Filing Date             | :NA<br>:NA    |
| (87) International Publication No                            | : NA          |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA    |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA    |

(71)Name of Applicant :

**1)NAGARAJAN. N (I.A.& A.S)**  
Address of Applicant :P.D Audit (Westerb Railway)  
Churchgate, Mumbai: 400 020 Maharashtra India

(72)Name of Inventor :

**1)NAGARAJAN. N (I.A.& A.S)**

(57) Abstract :

This invention is about storing movies or cartoons or the required items in the DVD Player itself. It can be sold preloaded with identified titles like, Classics,Latest, songs, cartoon movies, Bond Movies or even novels for that matter. It can be a combination of all these or it can be tailor made based on the requirement of customer.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/03/2009

(21) Application No.726/MUM/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : SYNTHESIS AND CHARACTERIZATION OF BENZTHIAZOLO BASED SOLID STATE FLUORESCENT DYES

|                                                              |           |                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :D06L3/12 | (71) <b>Name of Applicant :</b><br><b>1)GANPATI S. SHANKARLING</b><br>Address of Applicant :DEPARTMENT OF DYESTUFF TECHNOLOGY, DEPARTMENT OF DYESTUFF TECHNOLOGY, INSTITUTE OF CHEMICAL TECHNOLOGY, UNIVERSITY OF MUMBAI, NATHALAL PARIKH MARG, MUMBAI 400 019. MAHARASHTRA INDIA. |
| (31) Priority Document No                                    | :NA       |                                                                                                                                                                                                                                                                                    |
| (32) Priority Date                                           | :NA       |                                                                                                                                                                                                                                                                                    |
| (33) Name of priority country                                | :NA       |                                                                                                                                                                                                                                                                                    |
| (86) International Application No<br>Filing Date             | :NA       |                                                                                                                                                                                                                                                                                    |
| (87) International Publication No                            | : NA      | Maharashtra India                                                                                                                                                                                                                                                                  |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA       | (72) <b>Name of Inventor :</b>                                                                                                                                                                                                                                                     |
| (62) Divisional to Application Number<br>Filing Date         | :NA       | <b>1)GANPATI S. SHANKARLING</b><br><b>2)PRAKHAR P. KASTURE</b><br><b>3)YOGESH A. SONAWANE</b><br><b>4)RAJKUMAR N. RAJULE</b>                                                                                                                                                       |

(57) Abstract :

The present invention discloses a synthesis and characterization of novel benzthiazole based solid state fluorescent dyes of general formula 9 from 2-(4-dimethylaminophenyl)-6-benzthiazoleamine as a diazo component and various arylides substituted at different position to get substantially pure azo dyes.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2008

(21) Application No.841/MUM/2008 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : SPEECH ENHANCEMENT FOR HEARING IMPAIRED IN TELECOMMUNICATION DEVICES

|                                               |            |                                                                                                                                                                 |
|-----------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G06F17/28 | (71) <b>Name of Applicant :</b><br><b>1)MAHESH TUKARAM KOLTE</b><br>Address of Applicant :B-401, RAJHANS CHSL,<br>GREENROAD, LOUISWADI, THANE 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><br><b>1)MAHESH TUKARAM KOLTE</b><br><b>2)DEVENDRA SONA CHAUDHARI</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 telephone or portable device for hearing impaired particularly for elderly users but not limited, is presented. It includes the graphical user interface and digital signal processor which adjust the characteristics of audio or speech signals according to the audiogram. The speech processing unit includes audio processing which processes the audio streams for the devices. The device is capable to amplify the gain for the specific frequencies, to split up the signal and also high frequency compression of speech is possible which can be useful to the age persons having hearing loss. One of the categories indicates that a user is elderly or subjectively elderly or hearing impaired. The present invention is particularly applicable to telecommunication devices with hearing aid for hearing impaired.

#### **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.1018/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :25/05/2009

(43) Publication Date : 03/07/2009

(54) Title of the invention : MULTIMERIC FC RECEPTOR POLYPEPTIDES INCLUDING A MODIFIED FC DOMAIN

|                                               |                    |                                                 |
|-----------------------------------------------|--------------------|-------------------------------------------------|
| (51) International classification             | :C07K 14/35        | (71)Name of Applicant :                         |
| (31) Priority Document No                     | :PCT/AU2006/001890 | <b>1)SUPREMOL GMBH</b>                          |
| (32) Priority Date                            | :13/12/2006        | Address of Applicant :AM KLOPFERSPITZ 19, 82152 |
| (33) Name of priority country                 | :Australia         | MARTINSIED/MUNCHEN, GERMANY Germany             |
| (86) International Application No             | :PCT/AU2007/001934 | (72)Name of Inventor :                          |
| Filing Date                                   | :13/12/2007        | <b>1)HOGARTH, PHILLIP MARK</b>                  |
| (87) International Publication No             | : WO/2008/070927   | <b>2)WINES, BRUCE DAVID</b>                     |
| (61) Patent of Addition to Application Number | :NA                |                                                 |
| Filing Date                                   | :NA                |                                                 |
| (62) Divisional to Application Number         | :NA                |                                                 |
| Filing Date                                   | :NA                |                                                 |

(57) Abstract :

A soluble multimeric polypeptide or protein is disclosed that is able to inhibit interaction of leukocyte Fc receptors (FcR) and immunoglobulin G (IgG). The protein or polypeptide comprises two or more Fc binding regions linked in a head to tail arrangement, at least one of which is derived from an FcR type receptor, and an Fc domain of an immunoglobulin which has been modified to reduce or prevent binding to the said Fc binding regions and/ or to alter effector function. Also described are polynucleotide molecules encoding the polypeptide or protein and the use thereof in methods of treating a subject for an immune- complex (IC)-mediated inflammatory disease.

No. of Pages : 50 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2009

(21) Application No.1033/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : TREATED ALUMINA HYDRATE MATERIAL AND USES THEREOF

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :C08K3/22        |
| (31) Priority Document No                     | :60/868,856      |
| (32) Priority Date                            | :06/12/2006      |
| (33) Name of priority country                 | :U.S.A.          |
| (86) International Application No             | :PCT/US07/085877 |
| Filing Date                                   | :29/11/2007      |
| (87) International Publication No             | :WO 2006002993   |
| (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)SAINT-GOBAIN CERMICS & PLASTICS, INC.

Address of Applicant :ONE NEW BOND STREET, BOX NO 15138, WORCESTER, MA 01615-0138, U.S.A. U.S.A.

(72)Name of Inventor :

1)GUISELIN, OLIVIER

2)PLUTA, NATHALIE

3)BOUSSANT-ROUX, YVES

4)YENER, DORUK O.

---

(57) Abstract :

In a particular embodiment, a particulate material includes alumina hydrate. The particulate material has a 500 psi Compaction Volume Ratio of at least about 4.0 cc/cc.

No. of Pages : 41 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2009

(21) Application No.1036/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : ROLLER COMPRISING A FORCE SENSOR

|                                               |                       |
|-----------------------------------------------|-----------------------|
| (51) International classification             | :G01L 5/10            |
| (31) Priority Document No                     | :06024969.5           |
| (32) Priority Date                            | :02/12/2006           |
| (33) Name of priority country                 | :EPO                  |
| (86) International Application No             | :PCT/EP07/010481      |
| Filing Date                                   | :03/12/2007           |
| (87) International Publication No             | :WO 2008/064917<br>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 :

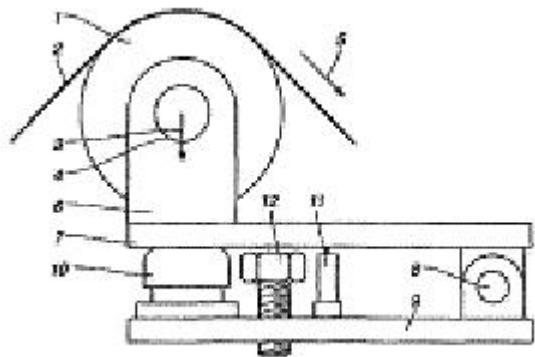
1)TEXMAG GMBH VERTRIEBSGESELLSCHAFT  
Address of Applicant :ZEHNYENSTRASSE 17, 8800  
THALWILL, SWITZERLAND Switzerland

(72)Name of Inventor :

1)WERBER, RUDOLF  
2)HAIN, TOBIAS  
3)THURNER, FRANK

(57) Abstract :

The invention relates to a force sensor (10) for measuring a bearing force (3) of a roller deviating a web of material. Said force sensor (10) comprises a base element (20) on which at least one sensor element (25) is supported. The sensor element (25) comprises at least one plate (40) which can be elastically deformed by the bearing force (3) and is provided with at least one force transducer (42). The sensor element (25) is loaded by a pressure piece (29) into which the bearing force (3) is introduced by means of a spring (32). Said spring comprises a larger range of spring - in the direction of the force - than the elastically deformable plate (4) for the same load. In order to limit the action of the force on the sensor element (25), an annular abutment (35) is provided, against which the pressure piece (29) can be pressed flat. Said abutment (35) is provided around the sensor element (25).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2009

(21) Application No.1037/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : A METHOD, COMPUTER PROGRAM AND APPARATUS FOR THE CHARACTERIZATION OF MOLECULES

(51) International classification

:B82B1/00

(31) Priority Document No

:11/604,726

(32) Priority Date

:28/11/2006

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/FI2007/050518

Filing Date

:26/09/2007

(87) International Publication No

:WO 2008/065236

(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)CANATU OY

Address of Applicant :TEKNIIKANTIE 21, 02150, ESPOO, FINLAND Finland

(72)Name of Inventor :

1)HUA JIANG

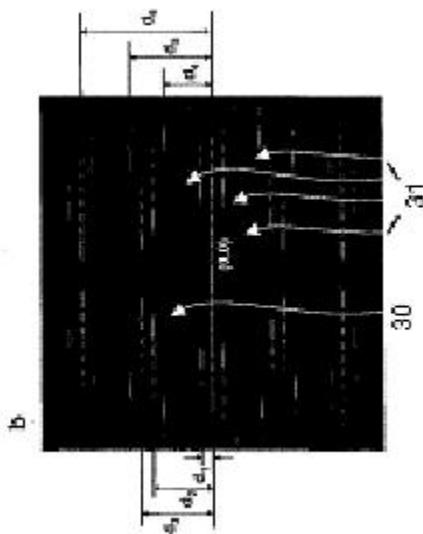
2)DAVID,P.BROWN

3)ALBERT,G.NASIBULIN

4)ESKO,I.KAUPPINEN

(57) Abstract :

The present invention relates to a method, computer program and device for determining the crystal structure and/or the range of crystal structures of one or more crystalline tubular molecules from a set of calibration-free properties of a diffraction pattern of the one or more crystalline tubular molecules.



No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/11/2003

(21) Application No.1039/MUMNP/2003 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : METHOD SYSTEM AND AGENT FOR 3GPP TECHNICAL SPECIFICATION DOCUMENT NUMBER EXCHANGE

|                                                                 |                                  |                                                                                                                                                   |
|-----------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                               | :H04L12/24                       | (71) <b>Name of Applicant :</b><br><b>1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)</b><br>Address of Applicant :S-126 25 STOCKHOLM, SWEDEN.<br>Sweden |
| (31) Priority Document No                                       | :60/293,802                      |                                                                                                                                                   |
| (32) Priority Date                                              | :25/05/2001                      |                                                                                                                                                   |
| (33) Name of priority country                                   | :U.S.A.                          |                                                                                                                                                   |
| (86) International Application No<br>Filing Date                | :PCT/CA2002/00723<br>:22/05/2002 |                                                                                                                                                   |
| (87) International Publication No                               | : WO/2002/098096                 |                                                                                                                                                   |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                       |                                                                                                                                                   |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                       |                                                                                                                                                   |

(57) Abstract :

A method, system and agent for exchanging the Third Generation Partnership Project (3GPP) Technical Specification document number a first node uses, with a second node of the network, so that subsequent communications can be properly carried between the nodes. The first node may be an agent and the second node may be a manager of a management system. The manager sends a GetXXXIRPVersion request message, a GetNotificationCategories request message, or a GetNetworkResourceSchemeId request message, to which the agent responds with an abridged version of the 3GPP TS document number the agent uses in this type of communications, so that the manager is informed of the protocol employed by the agent and can expect communications of the type indicated by the agent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/05/2009

(21) Application No.1039/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : PIPERIDINE DERIVATIVE USED FOR TREATING CHEMOKINE RECEPTOR 5 MEDIATED DISEASES

|                                               |                    |                                                    |
|-----------------------------------------------|--------------------|----------------------------------------------------|
| (51) International classification             | :C07D 401/14       | (71) <b>Name of Applicant :</b>                    |
| (31) Priority Document No                     | :60/869,460        | <b>1)ASTRAZENECA AB</b>                            |
| (32) Priority Date                            | :11/12/2006        | Address of Applicant :SE-151 85 SODERTALJE, SWEDEN |
| (33) Name of priority country                 | :U.S.A.            | Sweden                                             |
| (86) International Application No             | :PCT/GB2007/004716 | (72) <b>Name of Inventor :</b>                     |
| Filing Date                                   | :10/12/2007        | <b>1)BROWN DEARG, SUTHERLOAND</b>                  |
| (87) International Publication No             | :WO 2008/071931 A1 | <b>2)FAULL ALAN, WELLINGTON</b>                    |
| (61) Patent of Addition to Application Number | :NA                | <b>3)SWALLOW STEVEN</b>                            |
| Filing Date                                   | :NA                |                                                    |
| (62) Divisional to Application Number         | :NA                |                                                    |
| Filing Date                                   | :NA                |                                                    |

(57) Abstract :

The present invention relates to 4-{(1R,3R)-1-(3,5-difluorophenyl)-3-[4-(3-ethyl-5- isopropyl-4H- 1,2,4-triazol-4-yl)piperidin- 1 -yl]butyl} - 1 -(methylsulfonyl)piperidine formula (I) : or a pharmaceutically acceptable salt thereof, as well as to processes for preparing such a compound, to pharmaceutical compositions comprising such a compound and to the use of such a compound in the treatment of CCR5 mediated disease states

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2009

(21) Application No.1093/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : SUBMARINE SELF-CONTAINED DYNAMIC STRUCTURE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B63G 8/00         |
| (31) Priority Document No                     | :0609784           |
| (32) Priority Date                            | :09/11/2006        |
| (33) Name of priority country                 | :France            |
| (86) International Application No             | :PCT/FR2007/001850 |
| Filing Date                                   | :09/11/2007        |
| (87) International Publication No             | : WO/2008/074932   |
| (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)TAR KOVACS Stefan

Address of Applicant :28 Côtes Bizières F-95520 Osny  
France France

(72)**Name of Inventor :**

1)TAR KOVACS Stefan

(57) Abstract :

"Submarine Self-contained Dynamic Structure" made up of calculated volumes in order to separately contain compressed gases and water, of which the constant control of the exchanges via onboard computing enables said structure to compensate for its own weight within the liquid component in which it maneuvers, to compensate for the stresses caused by its missions or by the marine component, to also positively or negatively compensate for large weights acquired or released in the course of operation. The water volumes taken on board or released according to requirements, then taken on again in the sea if necessary by its pumps, are replaced by the decompressed gases contained in other compartments. These gases are also used to feed compressed air tools such as technical surface buoys or electromagnetic release anchors, and to feed one or several onboard fuel cells which are an integral part of the structure. This structure, which is always designed to resist outer and inner pressures, can have any shape, size, providable surfaces and volumes authorized by shipbuilding. It can be provided with any useful means for all forms of completely self-contained submarine interventions at any depth.

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/06/2009

(21) Application No.1104/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : "METHODS OF PROTECTING SECURITY DOCUMENTS FROM COUNTERFEITING"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G03H 1/26         |
| (31) Priority Document No                     | :2006906364        |
| (32) Priority Date                            | :14/11/2006        |
| (33) Name of priority country                 | :Australia         |
| (86) International Application No             | :PCT/AU2007/001750 |
| Filing Date                                   | :14/11/2007        |
| (87) International Publication No             | : WO/2008/058331   |
| (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)SECURENCY INTERNATIONAL PTY LTD.**

Address of Applicant :Potter Street Craigieburn Victoria  
3064 Australia Australia

(72)**Name of Inventor :**

**1)Patrick SWIFT**

**2)Gary Fairless POWER**

(57) Abstract :

A method of protecting a security document from counterfeiting includes applying at least one security element containing a concealed Fourier pattern to the document. The concealed Fourier pattern is produced from a master Fourier profile, and is applied to the document by embossing, engraving, laser ablation or chemical etching, and/or by a cylinder or plate bearing the master Fourier profile. When a counterfeit security document produced without knowledge of the master Fourier profile is scanned or imaged and subjected to a Fourier transform, the resulting test Fourier pattern will differ from a master Fourier pattern corresponding to the master Fourier profile for the authentic security document. In a particularly preferred embodiment, the concealed Fourier pattern is applied to the document by rotogravure printing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/01/2009

(21) Application No.13/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PROCESS FOR PRODUCTION OF 4-SUBSTITUTED AZETIDINONE DERIVATIVES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D413/06        |
| (31) Priority Document No                     | :2006-157673       |
| (32) Priority Date                            | :06/06/2006        |
| (33) Name of priority country                 | :Japan             |
| (86) International Application No             | :PCT/JP2007/061320 |
| Filing Date                                   | :04/06/2007        |
| (87) International Publication No             | : WO/2008/058331   |
| (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)KANEKA CORPORATION

Address of Applicant :2-4 Nakanoshima 3-chome Kita-ku  
Osaka-shi Osaka Japan Japan

(72)Name of Inventor :

1)HONDA Tatsuya

2)NAGASHIMA Nobuo

3)SUZUKI Ikuhiro

(57) Abstract :

The invention aims at producing a 4-substituted azetidinone derivative from a 4-(substituted hydroxy)azetidinone derivative efficiently and easily by an industrially advantageous process. The aim can be attained by replacing the conventional step of converting a 4-(substituted hydroxy)azetidinone derivative into a 4-acetoxyazetidinone derivative and then converting the 4-acetoxyazetidinone derivative into a 4-substituted azetidinone derivative by the step of reacting a 4-(substituted hydroxy)azetidinone derivative with an enolate of a carbonyl compound to convert the derivative into a 4-substituted azetidinone derivative. According to the invention, a 4-(substituted hydroxy)- azetidinone derivative can be converted into a 4-substituted azetidinone derivative in one step. In particular, the use of a titanium enolate prepared from both a titanium compound and a base can make the reaction proceed with high yield.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/01/2009

(21) Application No.130/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : "A REPRODUCING METHOD"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G11B20/10         |
| (31) Priority Document No                     | :10-2004-0070532   |
| (32) Priority Date                            | :03/09/2004        |
| (33) Name of priority country                 | :Republic of Korea |
| (86) International Application No             | :PCT/KR2005/002893 |
| Filing Date                                   | :01/09/2005        |
| (87) International Publication No             | :WO/2006/025699    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :374/MUMNP/2007    |
| Filed on                                      | :13/03/2007        |

(71)Name of Applicant :

1)SAMSUNG ELECTRONICS CO. LTD.

Address of Applicant :416 Maetan-dong Yeongtong-gu  
Suwon-si Gyeonggi-do Republic of Korea. Republic of Korea

(72)Name of Inventor :

1)JUNG Kil-Soo

2)KANG Man-Seok

(57) Abstract :

A storage medium storing an interactive graphics stream providing a menu having a variety of screen conversion effects, and a reproducing apparatus and a reproducing method, thereof. The storage medium includes: video data; and graphics data displaying a menu overlaid on an image displayed based on the video data, wherein the graphics data includes a plurality of menu pages, and each of the plurality of menu pages includes control information to determine whether to execute conversion effect information defining a screen conversion effect and execute a screen conversion effect defined when a conversion between the plurality of menu pages occurs. Each of the plurality of menu pages includes a plurality of screen conversion effect information items applied when a menu page conversion occurs.

No. of Pages : 22 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2007

(21) Application No.1344/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : A PROCESS FOR THE EFFECTIVE DISSOLUTION OF SILOXANE USING MULTICOMPONENT CATALYST SYSTEM

|                                               |            |                                                  |
|-----------------------------------------------|------------|--------------------------------------------------|
| (51) International classification             | :C08L83/14 | (71) <b>Name of Applicant :</b>                  |
| (31) Priority Document No                     | :NA        | <b>1) KULKARNI RAVINDRA DATTATRAYA</b>           |
| (32) Priority Date                            | :NA        | Address of Applicant :C/O SILICONE INTERNATIONAL |
| (33) Name of priority country                 | :NA        | PRODUCTS. KHPOLI-PEN ROAD, PALI PHATA, VILAGE    |
| (86) International Application No             | :NA        | DAHIVILI, TAL:KHALAPUR DIST:RAIGAD Maharashtra   |
| Filing Date                                   | :NA        | India                                            |
| (87) International Publication No             | :NA        | (72) <b>Name of Inventor :</b>                   |
| (61) Patent of Addition to Application Number | :NA        | <b>1) KULKARNI RAVINDRA DATTATRAYA</b>           |
| Filing Date                                   | :NA        | <b>2)YEMUL OMPRAKASH SHRINIVAS</b>               |
| (62) Divisional to Application Number         | :NA        |                                                  |
| Filing Date                                   | :NA        |                                                  |

(57) Abstract :

The silicone containing materials usually have a very high viscosity and also can be available as a hard solid mass. These are extremely difficult to depolymerize as they make a heterogeneous mass. The present invention uses a combination of the two catalysts – Heterogeneous & Homogeneous together, where the heterogeneous catalyst will act on the rubber over the surface and the homogeneous catalyst will act from within. The present invention relates to a process for effective dissolution of filler containing silicone rubber using multi-component catalyst system comprises of, Dissolution step: Dissolution of silicone rubber is done in mixture of non polar solvents, in the presence of at least two acid catalysts at temperature ranging from 30 to 150°C for period ranging from 3 to 9 hours. After complete dissolution of rubber the fillers are separated by filtration from the mixture of silox and solvent.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/06/2008

(21) Application No.1345/MUM/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : USE OF CHROMIUM COMPLEX IN THE LEATHER INDUSTRY

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(51) International classification :C21B7/00  
(31) Priority Document No :2007/08916  
(32) Priority Date :25/12/2007  
(33) Name of priority country :Turkey  
(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)SODA SANAYI A.S.

Address of Applicant :IS KULELERİ KULE 3, 16. KAT 4.  
LEVENT 34330 ISTANBUT, Turkey

(72)Name of Inventor :

1)TARIK ERDAL

2)ASIM ONCULER

(57) Abstract :

This invention is related to the manufacturing process of the modified chromium sulphate used in the tanning process of the animal hides, and chromium tanning process performed by using the said chemical. This invention develops • Manufacturing processes of chromium tanning chemical which do not require pickling and basification; • Chromium and tanning chemical produced according to this process; and • Chromium tanning processes which use the said chemical and do not require pickling and basification. As a result of the reaction of the chromium salts mentioned in the invention with mono and dicarboxylic acids or salts of these acids, characteristics of the chromium salts change; thereby the invention provides benefits such as the elimination of the pickling and the basification process, minimization of the waste treatment burden and acceleration of the said processes in the tannery.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/01/2009

(21) Application No.136/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : "A METHOD FOR RECORDING DATA ON AN OPTICAL DISC HAVING PLURALITY OF RECORDING LAYERS"

|                                               |                    |                                                                                                            |
|-----------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G11B7/007         | (71) <b>Name of Applicant :</b>                                                                            |
| (31) Priority Document No                     | :10-2004-0046844   | <b>1)SAMSUNG ELECTRONICS CO. LTD.</b>                                                                      |
| (32) Priority Date                            | :23/06/2004        | Address of Applicant :416 Maetan-dong Yeongtong-gu<br>Suwon-si Gyeonggi-do 442-742 Korea Republic of Korea |
| (33) Name of priority country                 | :Republic of Korea | (72) <b>Name of Inventor :</b>                                                                             |
| (86) International Application No             | :PCT/KR2005/001869 | <b>1)LEE Kyung-Geun</b><br><b>2)HWANG Wook-Yeon</b>                                                        |
| Filing Date                                   | :17/06/2005        |                                                                                                            |
| (87) International Publication No             | : WO/2006/001621   |                                                                                                            |
| (61) Patent of Addition to Application Number | :NA                |                                                                                                            |
| Filing Date                                   | :NA                |                                                                                                            |
| (62) Divisional to Application Number         | :1607/MUMNP/2006   |                                                                                                            |
| Filed on                                      | :22/12/2006        |                                                                                                            |

(57) Abstract :

Provided are an optical disc having a plurality of recording layers, and a method and apparatus for recording data thereon. The optical disc has a plurality of recording layers, each recording layer including: a data area; a connecting area; and a remaining area. The data, connecting, and remaining areas are respectively disposed in a direction from an inner circumference of the optical disc to an outer circumference. An outer boundary of each of the data areas is determined according to an amount of data to be recorded. Locations of the connecting areas and the remaining areas are determined by a recording and/or reproducing apparatus according to the determination of the outer boundary of each of the data areas.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2009

(21) Application No.1028/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : BENZOXAZEPINE COMPOUNDS, THEIR PREPARATION AND USE

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K 31/553       |
| (31) Priority Document No                     | :60/856,138        |
| (32) Priority Date                            | :02/11/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/IB2007/054431 |
| Filing Date                                   | :01/11/2007        |
| (87) International Publication No             | :WO 2008/053446    |
|                                               | 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)PIRAMAL LIFE SCIENCES LIMITED**

Address of Applicant :PIRAMAL TOWER, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI-400 013, MAHARASHTRA, INDIA. Maharashtra India

(72)**Name of Inventor :**

**1)BAL-TEMBE, SWATI**

**2)LAL, BANSI**

**3)SAWANT, SATISH NAMDEO**

**4)KULKARNI, ANAGHA SUHAS**

(57) Abstract :

The invention provides a novel benzoxazepine compound of the general formula (I): wherein R1 and R2 are as defined in the specification; or a stereoisomer, a geometric isomer, a a pharmaceutically acceptable salt, a pharmaceutically acceptable solvate, or a polymorph thereof; a process for its preparation; and a pharmaceutical composition including an effective amount of the compound. The compounds are useful in the treatment of insulin resistance and clinical conditions associated therewith.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2009

(21) Application No.1029/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PIPERIDINE DERIVATIVE USED FOR TREATING CHEMOKINE RECEPTOR 5 MEDIATED DISEASES

|                                               |                    |                                                               |
|-----------------------------------------------|--------------------|---------------------------------------------------------------|
| (51) International classification             | :C07D 401/14       | (71) <b>Name of Applicant :</b>                               |
| (31) Priority Document No                     | :60/869,436        | <b>1)ASTRAZENECA AB</b>                                       |
| (32) Priority Date                            | :11/12/2006        | Address of Applicant :SE-151 85 SODERTALJE, SWEDEN,<br>Sweden |
| (33) Name of priority country                 | :U.S.A.            | (72) <b>Name of Inventor :</b>                                |
| (86) International Application No             | :PCT/GB2007/004706 | <b>1)FAULL ALAN, WELLINGTON</b>                               |
| Filing Date                                   | :10/12/2007        | <b>2)SWALLOW STEVEN</b>                                       |
| (87) International Publication No             | :WO 2008/071927 A1 |                                                               |
| (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 4-[3-(1,1-difluoroethyl)-5-methyl-4H-1,2,4-triazol- 4-yl]-1-((1R,3R)-3-(3,5-difluorophenyl)-1-methyl-3-[1-(methylsulfonyl)piperidin-4- yl]propyl)piperidine formula (I): or a pharmaceutically acceptable salt thereof, as well as processes for the preparation of this compound and its use in the treatment of CCR5 disease states.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/07/2007

(21) Application No.1342/MUM/2007 A

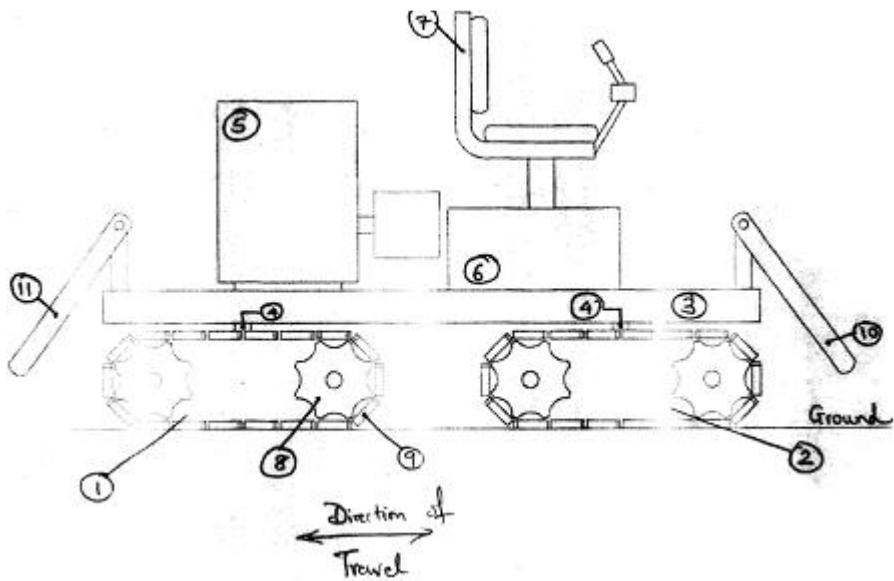
(43) Publication Date : 03/07/2009

(54) Title of the invention : DUAL SEGMENTED CRAWLER

|                                                              |                                         |                                                                                                                                                  |
|--------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :B62D55/08,<br>B62D55/253,<br>B62D55/24 | (71)Name of Applicant :<br><b>1)ANIL TUKARAM DHONDE</b><br>Address of Applicant :31 HIRAM ROAD, RICHMOND<br>HILL, ONTARIO, CANADA L4C 9E6 Canada |
| (31) Priority Document No                                    | :NA                                     | (72)Name of Inventor :<br><b>1)ANIL TUKARAM DHONDE</b>                                                                                           |
| (32) Priority Date                                           | :NA                                     |                                                                                                                                                  |
| (33) Name of priority country                                | :NA                                     |                                                                                                                                                  |
| (86) International Application No<br>Filing Date             | :NA                                     |                                                                                                                                                  |
| (87) International Publication No                            | :NA                                     |                                                                                                                                                  |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA                                     |                                                                                                                                                  |
| (62) Divisional to Application Number<br>Filing Date         | :NA                                     |                                                                                                                                                  |

(57) Abstract :

Dual segmented chain track crawler is described, in which, two independent crawler track segments are attached to the chassis and can be steered independently so as to allow the crawler to move in two types of modes - inline and parallel. Inline mode is where the crawler segments are one behind the other in the direction of travel and parallel mode is where the crawler segments are side by side, in parallel to the direction of travel.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/11/2006

(21) Application No.1418/MUM/2006 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : A N INTELLIGENT VALUE ADDED SERVICE SYSTEM

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(51) International classification

:G06F1/00

(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)GOEL SIDDHARTH NARENDRA**

Address of Applicant :107/ 108, MITTAL CHAMBERS,  
NARIMAN POINT, MUMBAI-400 021 Maharashtra India

(72)Name of Inventor :

**1)GOEL SIDDHARTH NARENDRA**

(57) Abstract :

System and method for providing value added services to users.In one embodiment ,the system is used for providing information to a user making use of the mobile technology.The access to right information by user is achieved by personalization of user experience while accessing the service using artificial intelligence.

No. of Pages : 20 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2007

(21) Application No.1482/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PURIFICATION PROCESS FOR RANOLAZINE PIPERAZINE INTERMEDIATE

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(51) International classification

:C07D233/02

(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)WOCKHARDT LTD**

Address of Applicant : WOCKHARDT TOWERS, BANDRA KURLA COMPLEX, BANDRA EAST, MUMBAI Maharashtra India

(72)Name of Inventor :

**1)RAO BHATRAJU SREENIVASA**

**2)PATHARE PINTU GANGADHAR**

**3)MERWADE ARVIND YEKANATHSA**

---

(57) Abstract :

The present invention relates to a process for purification of 1-[(2,6-dimethylphenyl) aminocarbonylmethyl]piperazine, as a ranolazine intermediate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2007

(21) Application No.1485/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : PREPARATION OF PHARMACEUTICAL FORMULATION OF FENOFIBRATE BY MELT GRANULATION

(51) International classification

:A61K9/14

(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)WOCKHARDT LTD**

Address of Applicant : WOCKHARDT TOWERS, BANDRA KURLA COMPLEX, BANDRA EAST, MUMBAI-400051, Maharashtra India

(72)Name of Inventor :

**1)DABRE RAHUL SUDHAKAR**

**2)SANDAL ROSHAN LAL**

**3)JAIN GIRISH KUMAR**

---

(57) Abstract :

The present invention provides a pharmaceutical composition of fenofibrate or salt thereof comprising non-micronized fenofibrate, polyethylene glycol or derivative thereof and sorbitol in admixture with one or more pharmaceutically acceptable excipients. The present invention also provides a process of preparing the said pharmaceutical composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2007

(21) Application No.1505/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : CLUTCHES

|                                               |            |                                                                                                                                                                                    |
|-----------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F16D13/00 | (71) <b>Name of Applicant :</b><br><b>1)HIGH TECHNOLOGY TRANSMISSION SYSTEMS (I) PVT. LTD.</b><br>Address of Applicant :K-226, MIDC WALUJ,<br>AURANGABAD-431136, Maharashtra 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        | (72) <b>Name of Inventor :</b><br><b>1)GUPTA PRAVEEN KUMAR</b><br><b>2)JAHAGIRDAR ASHUTOSH</b>                                                                                     |
| Filing Date                                   | :NA        |                                                                                                                                                                                    |
| (62) Divisional to Application Number         | :NA        |                                                                                                                                                                                    |
| Filing Date                                   | :NA        |                                                                                                                                                                                    |

(57) Abstract :

A clutch assembly mounted on an engine crank shaft, said clutch assembly comprising, a clutch housing; a clutch hub adapted to receive power from the engine crank shaft and provided with a metal insert; said clutch hub adapted to transfer the power to a plurality of plate clutches; a plurality of friction plates adapted to receive power from plate clutches through clamping force and friction; said friction plates adapted to transfer the power further to a clutch housing; and a clutch gear receiving power from said clutch housing; and adapted to transfer the power to a gearbox.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2007

(21) Application No.1659/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : MULTI - COMPARTMENT TUBE FOR VEHICLE TYRES

|                                               |           |                                                                                                                                                                              |
|-----------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B60C5/24 | (71) <b>Name of Applicant :</b><br><b>1)MAHINDRA &amp; MAHINDRA LTD.</b><br>Address of Applicant :R&D CENTRE, AUTO SECTOR, 89,<br>M.I.D.C., SATPUR, NASHIK 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)FIROZ SIDDIQUI</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 discloses a pneumatic tube for vehicle wheels and the like, which consists of multiple compartments (2) wherein each compartment (2) of the pneumatic tube is an individual air pocket, which is connected to one rubber base (3); wherein the said rubber base is wrapped around the rim (4) of the wheel on the inner side of rubber tyre (1). The said compartment (2) of the multi compartment tube is provided with valve (5), which aid in filling or releasing air to or from the individual compartment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2007

(21) Application No.1661/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : A CHILDPREOF PHARMACEUTICAL PACK

|                                               |            |
|-----------------------------------------------|------------|
| (51) International classification             | :B65D83/04 |
| (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)PRAGATI OFFSET PRIVATE LIMITED**

Address of Applicant :B/22, ROYAL INDUSTRIAL  
ESTATE, NAIGAUM X ROAD, WADALA, MUMBAI  
Maharashtra India

(72)Name of Inventor :

**1)NARENDRA P.**

(57) Abstract :

The invention relates to the child proof pharmaceutical pack. This pack contains a normal foil blister strip pack (1), which is attached with the outer card case from inside alongwith the elastic strip (11). The inner side of the outer card case provides an enough space from inside for the foil blister strip pack to move when an appropriate pressure (18) is applied on the same using the elasticity of the elastic strip (11). When, the elastic strip (11) is in normal position (16), the bottom side of the blisters (3) shall never match with the pre die cuts (8) and hence the question of tablet/s or capsule/s (2) coming out of the child proof pharmaceutical pack does not arise. However, when, the elastic strip (11) is in the pulled position (18), the bottom side of the blisters (3) shall exactly fall on the die cuts (8), and on simultaneously pushing the tablet/s or capsule/s (2) by use of an appropriate pressure (19) the table/s or capsule/s (22) shall come out of the pressed blister (20) first, then from the pre die cut (8) and then out of the child proof pharmaceutical pack. This child proof pharmaceutical pack is constructed in such a way that, by no chance the children can take out the tablet or capsule from the same, as number of actions are required to be done at the same time. At the same time this child proof pharmaceutical pack adult users friendly.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2007

(21) Application No.1693/MUM/2007 A

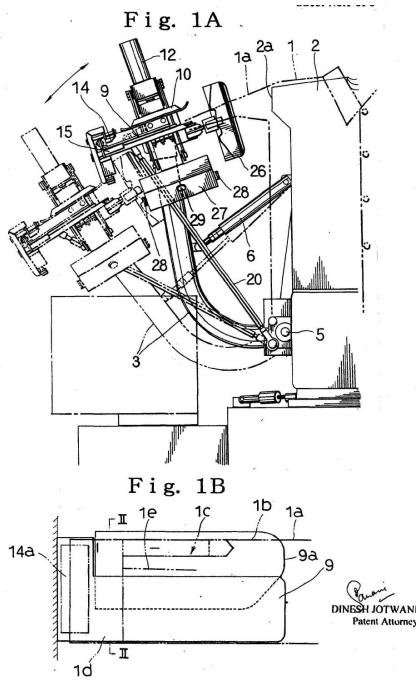
(43) Publication Date : 03/07/2009

(54) Title of the invention : SHIRT FINISHING MACHINE

|                                               |            |                                                                            |
|-----------------------------------------------|------------|----------------------------------------------------------------------------|
| (51) International classification             | :D06F71/20 | (71)Name of Applicant :                                                    |
| (31) Priority Document No                     | :NA        | 1)SANKOSHA ENGINEERING CO. LTD.                                            |
| (32) Priority Date                            | :NA        | Address of Applicant :988, KANOYAMACHI, HACHIOJI-SHI, TOKYO 193-0815 Japan |
| (33) Name of priority country                 | :NA        | (72)Name of Inventor :                                                     |
| (86) International Application No             | :NA        | 1)MITSUYUKI UCHIKOSHI                                                      |
| 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 a shirt finishing machine formed in such a way that the lower surface of the extremity end (1b) of the sleeve (1a) can be pressed. The present invention comprises the torso (2) for putting on the shirt (1) and a pair of right and left supporting arms (3). The upper part of the supporting arm (3) is provided with the lower iron (9) for setting the extremity end (1b) of the sleeve (1a), the fixing instrument (14) for fixing the cuff (1b) of the sleeve (1a) to the lower iron (9), and the upper iron (10) for processing against the upper surface of the lower iron (9) and for press finishing the extremity end (1b) of the sleeve (1a). The present invention is constituted such that the lower surface of the extremity end (1b) of the sleeve (1a) inserted into the lower iron (9) is pressed at the time of it is possible to prevent the torn-out wrinkles from being generated and to finish the shirt clean.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2007

(21) Application No.1696/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : METHOD AND SYSTEM FOR OPTIMIZING QUALITY OF SERVICE (QOS) IN A  
COMMUNICATION NETWORK

|                                               |           |                                                                                                                                                                   |
|-----------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H04Q7/00 | (71) <b>Name of Applicant :</b><br><b>1)RENOVAU TELECOM PVT LTD</b><br>Address of Applicant :#101,CHITRARATH COMPLEX, CG<br>ROAD, AHMEDABAD-380009, Gujarat 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)KANUMURU SRIDHAR REDDY</b>                                                                                                                                   |
| (87) International Publication No             | :NA       | <b>2)VAISHNAV CHIRAG</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 method and system for controlling QoS of multimedia sessions in a communication network. The method includes receiving a quality control packets stream and a multimedia session control signal pertaining to the multi media session. Thereafter the method analyzes the quality control packets stream base on one or more QoS criteria and performs at least one action base on the one or more QoS criteria.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2009

(21) Application No.1012/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF MOXIFLOXACIN HYDROCHLORIDE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D 471/04       |
| (31) Priority Document No                     | :1879/MUM/2006     |
| (32) Priority Date                            | :13/11/2006        |
| (33) Name of priority country                 | :India             |
| (86) International Application No             | :PCT/GB2007/004320 |
| Filing Date                                   | :13/11/2007        |
| (87) International Publication No             | :WO 2008/059223 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)CIPLA LIMITED

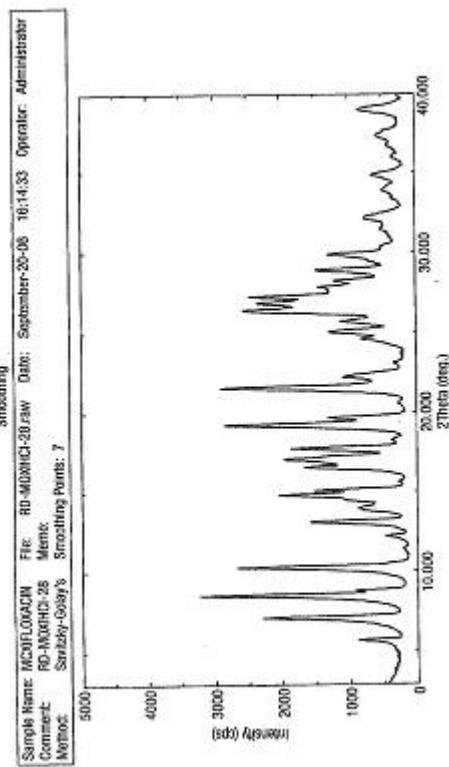
Address of Applicant :289 BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI 400 008, INDIA. Maharashtra India

(72)Name of Inventor :

- 1)RAO, DHARMARAJ, RAMCHANDRA
- 2)KANKAN,RAJENDRA, NARAYANRAO
- 3)SRINIVAS, PATHI, L.
- 4)RAVIKUMAR, PUPPALA
- 5)GANGRADE, MANISH
- 6)KANATHALA, SHASHIREKHA

(57) Abstract :

A new polymorph of moxifloxacin hydrochloride is described, together with a method for making the polymorph. In addition, new intermediates in the formation of moxifloxacin hydrochloride are described, having formulas (I) and (II).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/05/2009

(21) Application No.1035/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : A HUB UNIT AND A POWERTRAIN FOR A VEHICLE

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :B60K 17/14      |
| (31) Priority Document No                     | :NA              |
| (32) Priority Date                            | :NA              |
| (33) Name of priority country                 | :NA              |
| (86) International Application No             | :PCT/SE06/001393 |
| Filing Date                                   | :06/12/2006      |
| (87) International Publication No             | :WO 2008/069707  |
|                                               | 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)VOLVO CONSTRUCTION EQUIPMENT AB

Address of Applicant :S-632 39 ESKilstuna SWEDEN  
Sweden

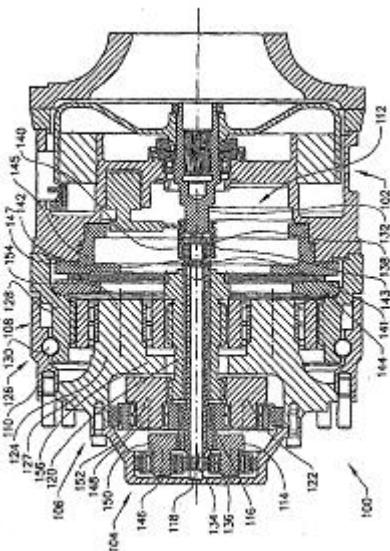
(72)Name of Inventor :

1)WARGH, CHRISTIAN

2)AKERBLOM, MATS

(57) Abstract :

The invention relates to a hub unit (100) comprising an electric machine (102) adapted for driving a wheel. The hub unit (100) comprises at least two planetary gears (104, 106, 108) coupled in series between the electric machine (102) and a wheel hub (110), and a gear shifting device (112) for connecting and disconnecting, respectively, one of said planetary gears from being drivingly connected to the electric machine.



No. of Pages : 35 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/05/2009

(21) Application No.1045/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SYSTEM AND METHOD FOR DIGITAL SIGNAL PROCESSING

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G10L 19/00        |
| (31) Priority Document No                     | :60/861,711        |
| (32) Priority Date                            | :30/11/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/085919 |
| Filing Date                                   | :29/11/2009        |
| (87) International Publication No             | :WO 2008/067454 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)ANTHONY BONGIOVI

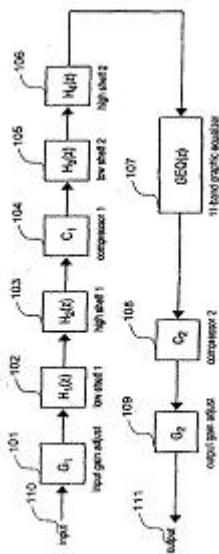
Address of Applicant :C/O BONGIOVI ACOUSTICS, LLC,  
649 SW WHITMORE DRIVE, PORT ST. LUCIE, FLORIDA  
34984,U.S.A. U.S.A.

(72)Name of Inventor :

1)ANTHONY BONGIOVI

(57) Abstract :

The present invention provides for methods and systems for digitally processing an audio signal. Specifically, the present invention provides for a headliner speaker system that is configured to digitally process an audio signal in a manner such that studio-quality sound that can be reproduced.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/07/2007

(21) Application No.1369/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : A METHOD TO PRODUCE MOLTEN IRON FROM IRON OXIDES BY THE REDUCING ACTION OF NASCENT CARBON DEPOSITED IN THE HEARTH DURING GASIFICATION OF ORGANIC NASS BY THE HEAT OF ELECTRIC ARE FITTED IN A VERTICAL SHAFT REACTOR

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|                                               |     |                                          |
|-----------------------------------------------|-----|------------------------------------------|
| (51) International classification             | :NA | (71) <b>Name of Applicant :</b>          |
| (31) Priority Document No                     | :NA | <b>1)SHARMA GOPAL NIDHI</b>              |
| (32) Priority Date                            | :NA | Address of Applicant :O-1, ADARSH NAGAR, |
| (33) Name of priority country                 | :NA | KASARIDIH, DURG. Chattisgarh India       |
| (86) International Application No             | :NA | <b>2)SHARMA PEEYUSH NIDHI</b>            |
| Filing Date                                   | :NA | <b>3)SHARMA DIVYA NIDHI</b>              |
| (87) International Publication No             | :NA | (72) <b>Name of Inventor :</b>           |
| (61) Patent of Addition to Application Number | :NA | <b>1)SHARMA GOPAL NIDHI</b>              |
| Filing Date                                   | :NA | <b>2)SHARMA PEEYUSH NIDHI</b>            |
| (62) Divisional to Application Number         | :NA | <b>3)SHARMA DIVYA NIDHI</b>              |
| Filing Date                                   | :NA |                                          |

---

(57) Abstract :

The invention relates to a method to produce molten iron by reducing action of nascent Carbon deposited during gasification of biomass in a vertical shaft reactor known as Plasma Reactor by the heat of electric arc. The Plasma reactor having a vertical shaft fitted with electric arc torches in the hearth gasifies the bio sass to hydrogen and nascent Carbon at temperatures of over 2500°C of the electric arc, If iron Ore is also charged ii; the reactor along with biomass, the iron ore reacts with the rising gases CO + Hp as well as the carbon deposit in the medium of molten slag and liberates liquid iron, Extra heat needed to sustain this reaction is supplied by the arc. Thus this method of invention eliminates the usage of costly metallurgical coal which is a non renewable natural deposit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2007

(21) Application No.1665/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : SYNERGISTIC COMPOSITION COMPRISING COMBINATION OF PESTICIDES

|                                               |             |
|-----------------------------------------------|-------------|
| (51) International classification             | :A01N43/00  |
| (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         | :253/BOM/95 |
| Filed on                                      | :05/06/1995 |

(71)**Name of Applicant :**

**1)HINDUSTAN CIBA-GIEGY LIMITED**

Address of Applicant :ROYAL INSURANCE BUILDING, 14  
J TATA ROAD, BOMBAY. Maharashtra India

(72)**Name of Inventor :**

**1)STEPHEN WILSON SKILLMAN**

**2)FRANZ BUHOLZER**

(57) Abstract :

A synergistic composition for control of insects or representatives of the order Acarina, which comprises: (1) as active ingredient a combination of lufenuron (A) and fenoxy carb (B) in a weight ratio of A:B or from 1:20 to 20:1 and (2) at least one adjuvant of the kind such as herein described.

No. of Pages : 25 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2007

(21) Application No.1689/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PROCESS FOR MAKING FROZEN AERATED CONFECTIONS

|                                                              |                        |                                                                                                                                                                             |
|--------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :A23G9/04,<br>A23G9/38 | (71) <b>Name of Applicant :</b><br><b>1)HINDUSTAN UNILEVER LIMITED</b><br>Address of Applicant :HINDUSTAN LEVER HOUSE 165-166 BACKBAY RECLAMATION, MUMBAI Maharashtra India |
| (31) Priority Document No                                    | :EP06120700            |                                                                                                                                                                             |
| (32) Priority Date                                           | :14/09/2006            |                                                                                                                                                                             |
| (33) Name of priority country                                | :EUROPEAN UNION        | (72) <b>Name of Inventor :</b><br><b>1)UNDERDOWN JEFFREY</b>                                                                                                                |
| (86) International Application No<br>Filing Date             | :NA<br>:NA             |                                                                                                                                                                             |
| (87) International Publication No                            | : NA                   |                                                                                                                                                                             |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA             |                                                                                                                                                                             |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA             |                                                                                                                                                                             |

(57) Abstract :

A process for making a frozen aerated confection is provided, the process comprising: preparing a mixture comprising water, sugar, protein, and at least 2 wt% milk fat; pasteurising and homogenizing the mixture; ageing the mixture at a temperature of from 0 to 6°C to produce a mix; aerating and at least partially freezing the mix; the milk having (by weight of the fatty acids) a SAFA content of at most 60 wt% and a C18:0 content of at least 10 wt% as well as to a mix for making frozen aerated confections, such as ice cream, based on milk fat which contains a low amount of saturated fatty acids.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/10/2006

(21) Application No.1697/MUM/2006 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : CULTURED MELANOCYTES ON BIOPOLYMER.

|                                               |           |                                                                                                                                                                                                                    |
|-----------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C12N5/06 | (71) <b>Name of Applicant :</b><br><b>1)Reliance Life Sciences Private Limited,</b><br>Address of Applicant :Plot NO R-282 TTC Area Of MIDC,<br>Rabale,Navi Mumbai-400 701 Maharashtra,India. Maharashtra<br>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)Sudheer Shenoy</b>                                                                                                                                                                                            |
| (87) International Publication No             | : NA      | <b>2)Deepa Ghosh</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 relates to a graft wherein cultured autologous melanocytes are delivered using a biopolymer. The present invention describes the composition, method of preparation and its properties relating to safety, and efficacy. The graft of the present invention has a potential use in repigmenting skin

No. of Pages : 44 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2007

(21) Application No.1697/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : A FIXED DOME BIOGAS PLANT

|                                               |                     |
|-----------------------------------------------|---------------------|
| (51) International classification             | :C12M1/107,C12M1/00 |
| (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 :

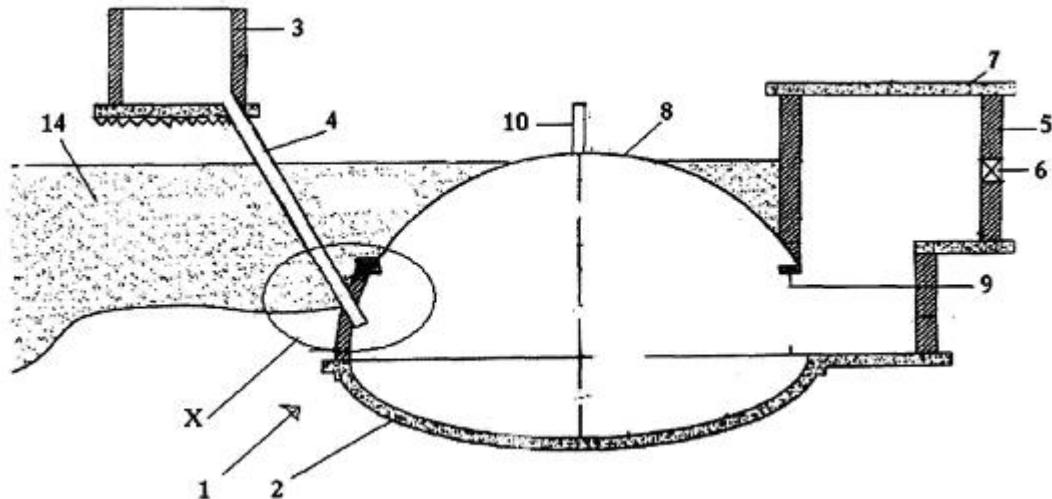
**1)RELIANCE INDUSTRIES LIMITED**  
Address of Applicant :MAKER CHAMBERS IV, NARIMAN POINT, MUMBAI Maharashtra India

(72)Name of Inventor :

**1)MALLIA VINOD KUMAR RAJARATHANA  
2)SAMANTAPUDI VENKATARAMA RAJU**

(57) Abstract :

A fixed dome biogas plant (1) comprising a digester (2) built with brick and cement concrete. The biogas plant further comprises a dome (8) integrally made of polyethylene and having atleast one gas outlet and a mounting flange (9) at the base thereof adapted to be fitted at the mouth of the digester gas leak proof.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/09/2007

(21) Application No.1698/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : STABLE SOLID ORAL PHARMACEUTICAL COMPOSITIONS OF ISOTRETINOIN AND PROCESS THEREOF

|                                               |                                |
|-----------------------------------------------|--------------------------------|
| (51) International classification             | :A61K9/48,A61K9/107,A61K31/203 |
| (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)IPCA LABORATORIES LIMITED**

Address of Applicant :48, KANDIVLI INDUSTRIAL  
ESTATE, CHARKOP, KANDIVLI(WEST), MUMBAI-400607,  
Maharashtra India

(72)**Name of Inventor :**

**1)GODHA PREMCHAND**

**2)BANSAL YATISH KUMAR**

**3)SENGUPTA SUBHRANGSHU**

**4)KADAM SONAL**

(57) Abstract :

Disclosed herein are stable pharmaceutical compositions of drug with low water solubility. Specifically, the present invention discloses stable pharmaceutical compositions of Isotretinois and process thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/09/2007

(21) Application No.1723/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : LIBR VAPOR ABSORPTION MACHINE (LIBR VAM)

(51) International classification :F25B15/06,F25B15/02  
(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)THERMAX LIMITED

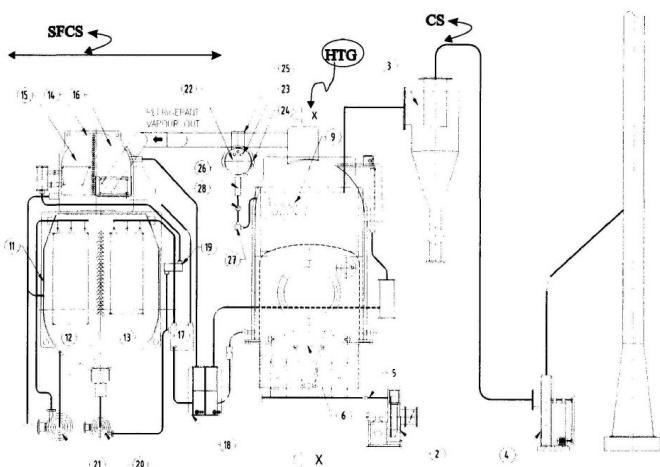
Address of Applicant :CHINCHWAD, PUNE Maharashtra  
India

(72)Name of Inventor :

1)BAPAT DILIP WAMAN  
2)KULKARNI SAMIR VASUDEO

(57) Abstract :

An LiBr vapor absorption machine having a high temperature generator with a direct solid fuel fired furnace. The machine is suitable for refrigeration purpose.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/09/2007

(21) Application No.1729/MUM/2007 A

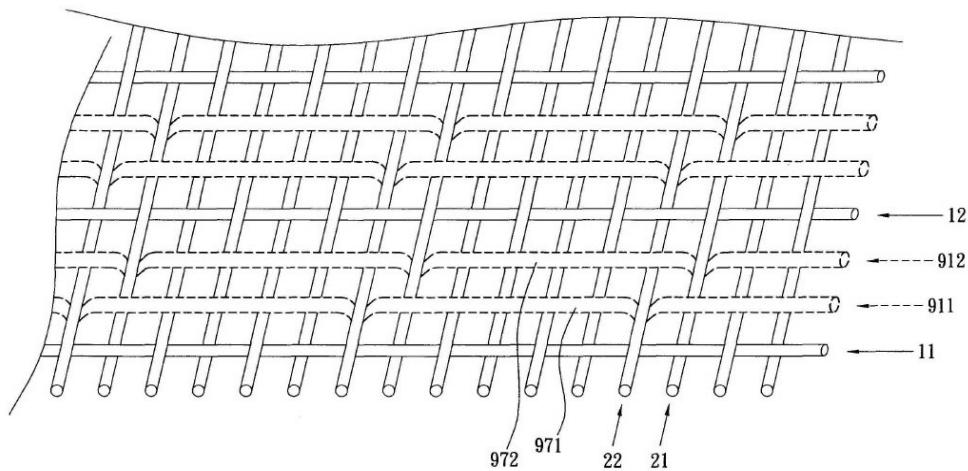
(43) Publication Date : 03/07/2009

(54) Title of the invention : CORDUROY FABRIC

|                                               |            |                                                      |
|-----------------------------------------------|------------|------------------------------------------------------|
| (51) International classification             | :D02D27/00 | (71)Name of Applicant :                              |
| (31) Priority Document No                     | :NA        | 1)PAI LUNG MACHINERY MILL CO. LTD.                   |
| (32) Priority Date                            | :NA        | Address of Applicant :NO.8, TING PING ROAD, JUI-FANG |
| (33) Name of priority country                 | :NA        | TOWN, TAIPEI HSIEN,R.O.C. Taiwan                     |
| (86) International Application No             | :NA        | (72)Name of Inventor :                               |
| Filing Date                                   | :NA        | 1)PAI TIEH-HSIUNG                                    |
| (87) International 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 corduroy fabric fabricated through a circular knitting machine aims to improve the problems of pile loosening and low production efficiency occurred to conventional corduroy fabrics. The corduroy fabric includes a plurality of transverse weft yarn sets (3, 6) each consists of at least three yarns (31, 32, 33, 61, 62, 63) and includes a plurality of pile yarn warp loops (4312, 5312, 4612, 5612) consisting of at least two yarns (31, 32, 61, 62) which has at least one yarn (31, 61) forming at least one pile end (311, 611), and a plurality of binding yarn warp loops (4323, 5323, 4623, 5623) consisting of at least two yarns (32, 33, 62, 63). Each of the binding yarn warp loops (4323, 5323, 4623, 5623) being located respectively at two sides of a selected number of the pile yarn warp loops (4312, 5312, 4612, 5612) and having at least one common yarn (33, 63) winding a selected number of the pile yarn warp loops (4312, 4612) to form a binding yarn (333, 633) cross with the pile end (311, 611). The pile yarn warp loops (4312, 5312) and the binding yarn warp loops (4323, 5323) of one transverse weft yarn set (3) are crossly woven consecutively with longitudinal neighboring pile yarn warp loops (4612, 5612) and the binding yarn warp loops (4623, 5623) of a next transverse weft yarn set (6) to form a plurality of longitudinal warp loop pile zones (9). The corduroy fabric thus formed enables the pile to be fastened more securely. Production efficiency of the corduroy fabric also is higher.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/09/2007

(21) Application No.1748/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : AN ORAL PHARMACEUTICAL COMPOSITION

|                                               |           |                                                                                                                                                                                 |
|-----------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K9/26 | (71) <b>Name of Applicant :</b><br><b>1)SUN PHARMACEUTICAL INDUSTRIES LTD</b><br>Address of Applicant :ACME PLAZA, ANDHERI-KURLA<br>ROAD, ANDHERI (E), 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)YASHORAJ RUPSINH ZALA</b>                                                                                                                                                  |
| (87) International Publication No             | : NA      | <b>2)NITIN BHALACHANDRA DHARMADHIKARI</b>                                                                                                                                       |
| (61) Patent of Addition to Application Number | :NA       |                                                                                                                                                                                 |
| Filing Date                                   | :NA       |                                                                                                                                                                                 |
| (62) Divisional to Application Number         | :NA       |                                                                                                                                                                                 |
| Filing Date                                   | :NA       |                                                                                                                                                                                 |

(57) Abstract :

An oral pharmaceutical composition comprising phenytoin sodium and sodium lauryl sulphate in the amount in the range of 0.01 % to 0.35 % by weight of the composition, said composition when subjected to United States Pharmacopoeia XXX (USP XXX) dissolution method for extended release phenytoin sodium capsules providing for each of the six capsules tested, the dissolution values within limits specified in the USP.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/07/2007

(21) Application No.1150/MUMNP/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : CHROMIUM FREE CORROSION RESISTANT SURFACE TREATMENTS USING SILICONIZED BARRIER COATINGS

|                                               |                  |                                                                                                                                             |
|-----------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C09D 183/10     | (71) <b>Name of Applicant :</b><br><b>1)GENERAL ELECTRIC COMPANY</b><br>Address of Applicant :1 RIVER ROAD, SCHENECTADY,<br>NY 12345 U.S.A. |
| (31) Priority Document No                     | :60/631,698      |                                                                                                                                             |
| (32) Priority Date                            | :30/11/2004      |                                                                                                                                             |
| (33) Name of priority country                 | :U.S.A.          |                                                                                                                                             |
| (86) International Application No             | :PCT/US05/041093 | (72) <b>Name of Inventor :</b><br><b>1)GRISWOLD ROY MELVIN</b>                                                                              |
| Filing Date                                   | :14/11/2005      |                                                                                                                                             |
| (87) International Publication No             | :WO2006/060146   |                                                                                                                                             |
| (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 for a curable composition comprising the reaction product of a silanol terminated silicone resin, a silanol terminated siloxane polymer and a silazane. The present invention also provides for the cured composition resulting from the curable composition and articles coated with the composition. The compositions of the present invention are corrosion resistant barrier coatings that are substantially chromium free.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2007

(21) Application No.1239/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PROCESS FOR MAKING MARBLED DETERGENT BARS

|                                                              |            |
|--------------------------------------------------------------|------------|
| (51) International classification                            | :C11D13/08 |
| (31) Priority Document No                                    | :NA        |
| (32) Priority Date                                           | :NA        |
| (33) Name of priority country                                | :NA        |
| (86) International Application No<br>Filing Date             | :NA        |
| (87) International Publication No                            | : NA       |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA        |
| (62) Divisional to Application Number<br>Filing Date         | :NA        |

(71)Name of Applicant :

1)HINDUSTAN UNILEVER LIMITED

Address of Applicant :165-166 BACKBAY  
RECLAMATION, MUMBAI-165-166 BACKBAY  
RECLAMATION, MUMBAI. Maharashtra India

(72)Name of Inventor :

1)DARU VIJAY JAYKISHORE

2)DUBEY UMEESH LALTAPRASAD

3)EARLA SAIKUMAR

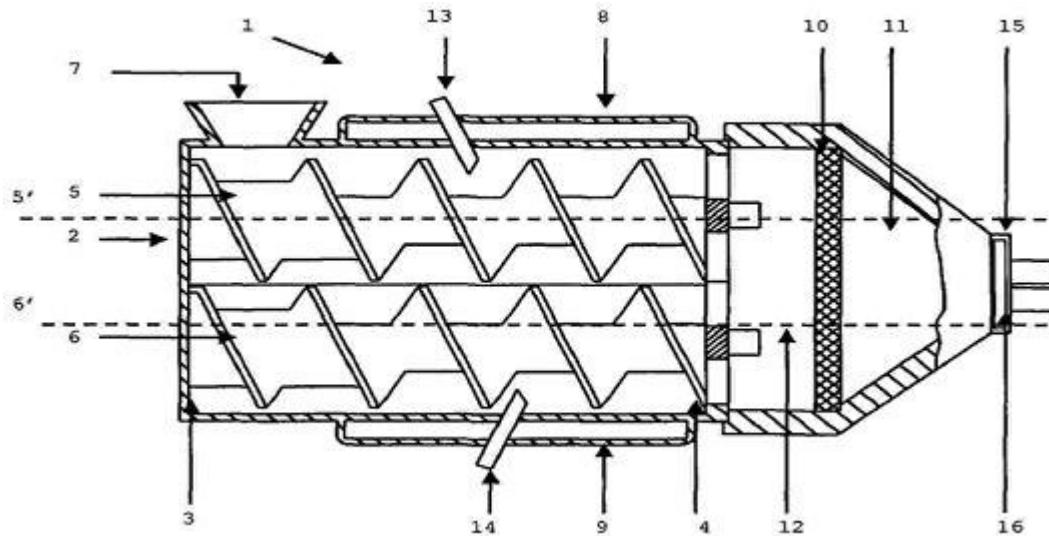
4)NAIR SATISHKUMAR GOPINATH

5)RAJAN MEENA

6)VADUMKOOTIL RAVEENDRANATHAN

(57) Abstract :

The present invention provides a process for making a shaped marbled non-soap detergent bar including the step of feeding an extrudable non-soap detergent bar including the step of feeding an extrudable non-soap detergent composition into an extruder comprising at least one screw rotatably mounted within a barrel having inlet and outlet, where rotation of said screw conveys said composition from the outlet into a frusto-conically converging pressure zone, which converges into at least one nozzle from which a billet of extruded detergent emerges; and an apertured plate interspersed between said outlet ad said pressure zone. Said process additionally includes the step of injecting a coloured liquid into said composition through an injection means, located upstream of said apertured plate, the pressure of injection being higher than that generated within the extruder. Furthermore, the billet produced in said process is split once parallel to the axis of said screw, by splitting means, as it is extruded from said nozzle, so as to provide suitable marbling on the billet.



No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/09/2006

(21) Application No.1517/MUM/2006 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : A NOVEL AND IMPROVED METHOD OF PREPARATION OF 4-[2-(METHYL-2-PYRIDINYLAMINO)ETHOXY]-BENZALDEHYDE - A KEY INTERMEDIATE OF ROSIGLITAZONE

|                                               |             |                                                                                                                                                                                  |
|-----------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D213/74 | (71) <b>Name of Applicant :</b><br><b>1)CADILA PHARMACEUTICAL LTD</b><br>Address of Applicant :CADILA CORPORATE CAMPUS,<br>SARKHEJ-DHOLKA ROAD, BHAT, AHMEDABAD Gujarat<br>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)INDRAVADAN AMBALAL MODI</b>                                                                                                                                                 |
| (87) International Publication No             | : NA        | <b>2)MANISH CHANDRAKANT SHULKA</b>                                                                                                                                               |
| (61) Patent of Addition to Application Number | :NA         | <b>3)KEVAL RAMESHKUMAR SONDAGAR</b>                                                                                                                                              |
| Filing Date                                   | :NA         | <b>4)ATUL CHHOTALAL JOSHI</b>                                                                                                                                                    |
| (62) Divisional to Application Number         | :NA         | <b>5)PONNAIAH RAVI</b>                                                                                                                                                           |
| Filing Date                                   | :NA         | <b>6)BAKULESH MAFATALAL KHAMAR</b>                                                                                                                                               |

(57) Abstract :

The invention relates to an improved process for the preparation of 4-[2-(methyl-2-pyridinylamino) ethoxy]-benzaldehyde via 4-[2-(methyl-2-pyridinylamino)ethoxy]-benzonitrile. The process of preparation of 4-[2-(methyl-2-pyridinylamino)ethoxy]-benzaldehyde comprises: (a) Reacting 2[methyl(pyridine-2-yl)amino]ethanol with 4-halobenzonitrile using a base in a solvent, to give 4-(2-[methyl(pyridine-2-yl)amino]ethoxy)benzonitrile, (b) reacting a solution of 4-(2-[methyl(pyridine-2-yl)amino]ethoxy)benzonitrile in formic acid with Raney nickel in water ,to give 4-[2-(methyl-2-pyridinylamino)ethoxy]-benzaldehyde.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2006

(21) Application No.1736/MUM/2006 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : NOVEL IMPROVED COMPOSITIONS FOR CANCER THERAPY

|                                               |                         |                                                                                                                                                                                                             |
|-----------------------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K45/08<br>A61P35/00 | (71) <b>Name of Applicant :</b><br><b>1)PANACEA BIOTEC LIMITED</b><br>Address of Applicant :104, SAMARPAN COMPLEX, NEW-LINK ROAD, CHAKALA, ANDHERI (E), MUMBAI 400099, MAHARASHTRA, INDIA 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)SINGH, AMARJIT</b>                                                                                                                                                                                     |
| (87) International Publication No             | : NA                    | <b>2)SINGH, SARABJIT</b>                                                                                                                                                                                    |
| (61) Patent of Addition to Application Number | :NA                     | <b>3)GUPTA, AJAY, K.</b>                                                                                                                                                                                    |
| Filing Date                                   | :NA                     | <b>4)KULKARNI, MANGESH M.</b>                                                                                                                                                                               |
| (62) Divisional to Application Number         | :NA                     |                                                                                                                                                                                                             |
| Filing Date                                   | :NA                     |                                                                                                                                                                                                             |

(57) Abstract :

The present invention relates to novel and improved compositions of anticancer drugs, preferably taxanes, such as paclitaxel and docetaxel, their derivatives or their analogues, methods of manufacturing these compositions and methods of fractionating the particles in particular size range and methods of treating cancer patients with these compositions, which provide reduced chemotherapy-induced side-effects especially reduced chemotherapy-induced alopecia. The composition is such that there is substantially no free drug in the said composition.

No. of Pages : 32 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/09/2007

(21) Application No.1760/MUM/2007 A

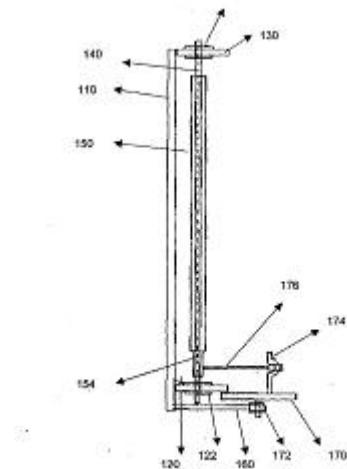
(43) Publication Date : 03/07/2009

(54) Title of the invention : FOOTSTOOL FOR SEDENTARY POSITION

|                                               |            |
|-----------------------------------------------|------------|
| (51) International classification             | :A47C16/02 |
| (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 invention relates a footstool to be used in a sedentary position, comprising a platform pivoted to swing about an axis, a rotating means rotating about an axis, and a connecting rod having one end connected to platform and other end connected eccentrically to the rotating means to transfer reciprocating linear motion to the rotating means for providing rhythmic motion to the platform thereby legs of a user of the said footstool. The rhythmic swinging motion provided by the invented footstool will not disturb the concentration of the user from his work.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/09/2007

(21) Application No.1751/MUM/2007 A

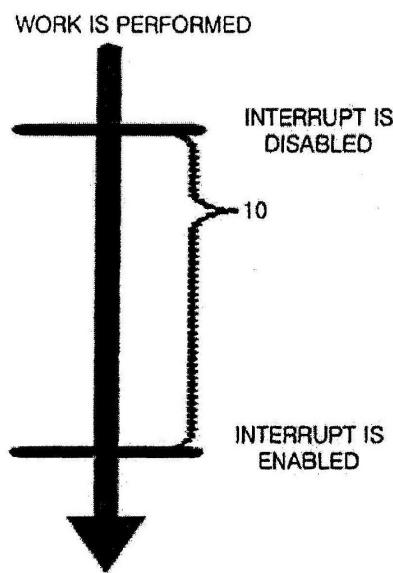
(43) Publication Date : 03/07/2009

(54) Title of the invention : APPARATUS AND METHOD FOR HANDLING INTERRUPT DISABLED SECTION AND PAGE PINNING APPARATUS AND METHOD

|                                               |                       |                                                                                                                                                                                         |
|-----------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G06F9/42,G06F9/00,G0 | (71) <b>Name of Applicant :</b><br><b>1)SAMSUNG ELECTRONICS CO., LTD</b><br>Address of Applicant :416, MAETAN-DONG,<br>YEONGTONG-GU, SUWON-SI, GYEONGGI-DO 442-742<br>Republic of Korea |
| (31) Priority Document No                     | :10-2006-0089803      |                                                                                                                                                                                         |
| (32) Priority Date                            | :15/09/2006           |                                                                                                                                                                                         |
| (33) Name of priority country                 | :Republic of Korea    |                                                                                                                                                                                         |
| (86) International Application No             | :NA                   |                                                                                                                                                                                         |
| Filing Date                                   | :NA                   | (72) <b>Name of Inventor :</b>                                                                                                                                                          |
| (87) International Publication No             | : NA                  | <b>1)KIM HYO - JUN</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 and method for handling an interrupt disabled section and page pinning apparatus and method are provided. An apparatus for handling an interrupt disabled section includes: a generating unit which generates a list of interrupt disabled sections, in which demand paging can occur, in order to execute a program; an examining unit which searches the generated list when the program demands to disable an interrupt and examines whether information corresponding to the interrupt disabling demand is included in the list; and a loading unit which reads out a page required to execute the program from an auxiliary storage device when the information corresponding to the interrupt disabling demand is included in the list, and loads the page into a physical memory.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2007

(21) Application No.1783/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : FACET TRUTING SYSTEM FOR DIAMONDS

|                                               |           |                                                                                                                                                   |
|-----------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B24B9/16 | (71) <b>Name of Applicant :</b><br><b>1)JANAK MISTRY</b><br>Address of Applicant :15, RAM-ASHISH, KADAMPALLI,<br>TIMALIAWADI, SURAT Gujarat 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><br><b>1)JANAK MISTRY</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 facet bruting that provides blocking of diamonds is described In one embodiment of the present invention a diamond bruting system is provided enabling blocking of stone by bruting process using fixture in the bruting system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2007

(21) Application No.1834/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PROSTHESIS

|                                               |           |
|-----------------------------------------------|-----------|
| (51) International classification             | :A61F2/32 |
| (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)SANCHETI KANTILAL HASTIMAL

Address of Applicant :16,SHIVAJINAGAR, PUNE  
Maharashtra India

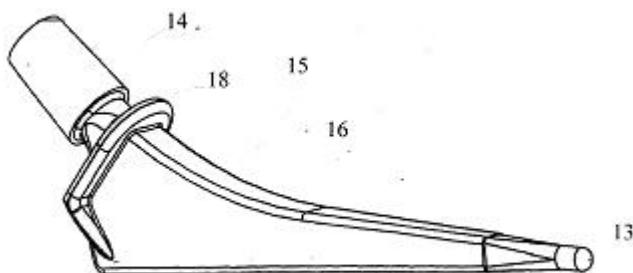
(72)Name of Inventor :

1)SANCHETI KANTILAL HASTIMAL

(57) Abstract :

A modular hip prosthesis for providing good anatomical fit in a patient in need of such hip prosthesis adapted to be fitted between the acetabulum of the pelvic bone and the modularly canal of the femur, said prosthesis comprising: - a femoral stem component defined by a tapering body, a collar formed at the operative upper end of the body, a neck extending from said collar, and a stub extending from said neck, said stem comprising: - an operative straight lateral edge; - an operative curved medial edge; and - tapering sides spanning between said lateral edge and said medial edge; and - a lower tip; - a mushroom shaped femoral head component; - a cylindrical sleeve extending operatively below said femoral head component for receiving said stub of said femoral stem component in a snug-fit manner; and characterized in that, in the inserted configuration in the medullary canal of a femur, the edges and sides of said body establish a 6-point contact with the femoral cortex and the tip does not come into contact with said cortex, , and thereby imparting uniform, central weight bearing load within said modularly canal of said femur.

12



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2007

(21) Application No.1837/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : RESIN COMPOSITIONS

|                                               |                          |                                                                                                                                                                                       |
|-----------------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C08L67/02,<br>C08G63/02 | (71) <b>Name of Applicant :</b><br><b>1)FUTURA POLYESTERS LIMITED</b><br>Address of Applicant :PARAGON CONDOMINIUM, 3rd<br>FLOOR, PANDURANG BUDHKAR MARG, MUMBAI<br>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)KULKARNI SANJAY TAMMAJI</b>                                                                                                                                                      |
| (87) International Publication No             | : NA                     | <b>2)PALANIANDAVAR SANTANA GOPALA KRISHNAN</b>                                                                                                                                        |
| (61) Patent of Addition to Application Number | :NA                      | <b>3)DILLY RAJ BALASUNDARAM</b>                                                                                                                                                       |
| Filing Date                                   | :NA                      |                                                                                                                                                                                       |
| (62) Divisional to Application Number         | :NA                      |                                                                                                                                                                                       |
| Filing Date                                   | :NA                      |                                                                                                                                                                                       |

(57) Abstract :

A polymeric composition suitable for manufacturing heat sealable films or sheets comprising, polyethylene terephthalate (PET) to the extent of about 80 % to 95 % by mass of the total composition; a polymer additive for lowering the melting point of the composition selected from Polyethylene Naphthalate (PEN), Polytrimethylene Naphthalate (PTN), in-situ formed Polyethylene Naphthalate (PEN) and in situ formed Polytrimethylene Naphthalate (PTN) to the extent of about 20 % to 5 % by mass of the total composition; a nucleating agent to the extent of about 200 to 1500 ppm by mass of the composition; a polycondensation catalyst to the extent of about 30 to 300 ppm by mass of the composition; a clear fast reheat (CFRH) additive to the extent of about 10 to 30 ppm by mass of the composition; a color toner to the extent of about 0.75 to 25 ppm by mass of the composition; and a heat stabilizer to the extent of about 20 to 55 ppm by mass of the composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2007

(21) Application No.1409/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : MOTORBIKE SEAT ASSEMBLY THEREOF AND METHOD OF COMPENSATING SEAT DEVIATION

|                                               |             |                                                   |
|-----------------------------------------------|-------------|---------------------------------------------------|
| (51) International classification             | :B62J1/00   | (71) <b>Name of Applicant :</b>                   |
| (31) Priority Document No                     | :095127089  | <b>1)SANYANG INDUSTRY CO., LTD.</b>               |
| (32) Priority Date                            | :25/07/2006 | Address of Applicant :NO.184, KENG TZU KOU, SHANG |
| (33) Name of priority country                 | :Taiwan     | KENG VILLAGE, HSIN FONG SHIANG, HSINCHU COUNTY    |
| (86) International Application No             | :NA         | 304, R.O.C. Taiwan                                |
| Filing Date                                   | :NA         | (72) <b>Name of Inventor :</b>                    |
| (87) International Publication No             | :NA         | <b>1)TIEN-JEN TSAI</b>                            |
| (61) Patent of Addition to Application Number | :NA         | <b>2)SHIH-YIH KUO</b>                             |
| Filing Date                                   | :NA         | <b>3)WEI-FAN LAI</b>                              |
| (62) Divisional to Application Number         | :NA         |                                                   |
| Filing Date                                   | :NA         |                                                   |

(57) Abstract :

A motorbike is provided. The motorbike includes a body, a seat, a rotating mechanism and a supporting rod. The body has an axis and is symmetrical with respect to the axis. The seat is rotatably connected to the body to open up from and close down to the body and has a central line corresponding to the axis. The seat is symmetrical with respect to the central line which divides the seat into a first portion and a second portion. The rotating mechanism is disposed on the body. The axis extends through the rotating mechanism. The seat is rotatably connected to the body via the rotating mechanism. A supporting rod has one end pivoted to the body and the other end pivoted to the first portion. When the seat is opened, the seat is supported and positioned by the supporting rod to have a predetermined angle with respect to the body, and a projected line projected on the body by the central line coincides with the axis.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/10/2006

(21) Application No.1672/MUM/2006 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF POLYMORPHIC FORM OF ENTACAPONE

|                                               |             |                                                                                                                                                       |
|-----------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07C255/44 | (71) <b>Name of Applicant :</b><br><b>1)ALEMBIC LIMITED</b><br>Address of Applicant :Alembic Campus, Alembic Road,<br>Vadodara-390 003, Gujarat 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)DESHPANDE, PANDURANG, BALWANT</b>                                                                                                                |
| (87) International Publication No             | : NA        | <b>2)LUTHRA, PARVEN KUMAR</b>                                                                                                                         |
| (61) Patent of Addition to Application Number | :NA         | <b>3)PANDEY, ANAND KUMAR</b>                                                                                                                          |
| Filing Date                                   | :NA         | <b>4)DHAMELIYA, DHARMESH, RAMNIKLAL</b>                                                                                                               |
| (62) Divisional to Application Number         | :NA         | <b>5)DAYAWANT, BHIMSING, RATHOD</b>                                                                                                                   |
| Filing Date                                   | :NA         |                                                                                                                                                       |

(57) Abstract :

The present invention relates to provide an improved process for the preparation of highly pure polymorphic form A of Entacapone with no individual impurity including Z-isomer of Entacapone less than 0.1%.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/08/2007

(21) Application No.1672/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : DRIVE UNIT FOR OPERATING VARIOUS MECHANISMS

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|                                               |           |                                                                                                                                                        |
|-----------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F16C1/12 | (71) <b>Name of Applicant :</b><br><b>1)SATISH GOKHALE</b><br>Address of Applicant :RAJEEV, 828 SHIVAJINAGER V.G.<br>KALE ROAD, PUNE 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)SATISH GOKHALE</b>                                                                                                                                |
| (87) International Publication No             | : NA      | <b>2)TAKALE ABHIJIT</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 :

A drive unit for operating at least one external mechanism selected from a group of mechanisms consisting of sawing mechanisms, cutting mechanisms, drilling mechanisms, and the like, said drive unit comprising a wheeled base; a motor located in a housing on said wheeled base in proximity to the ground; flexible transmission means adapted to transfer power from said motor to a driven member, spaced apart from said wheeled base; operating means adapted to operate and control said motor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/08/2007

(21) Application No.1675/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : WINDING MACHINE

(51) International classification

:B65H18/00,

B65H18/10

(31) Priority Document No

:102006045237.2

(32) Priority Date

:26/09/2006

(33) Name of priority country

:Germany

(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)OERLIKON TEXTILE GMBH & CO. KG

Address of Applicant :LANDGRAFENSTRASSE-45, D-  
41069 MOENCHENGLADBACH Germany

(72)Name of Inventor :

1)RALPH KNECHT

2)MARTIN KUEPPERS

3)FRANK LOEWENFOSS

4)MICHAEL REIMANN

5)WOLF-MICHAEL RUH

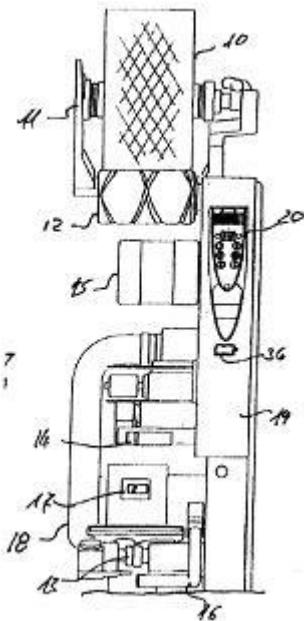
6)GUIDO SPIX

7)BERND-RUEDIGER THEELE

8)HANS-GUENTER WEDERSHOVEN

(57) Abstract :

In a winding machine with a large number of winding heads which can be operated independently of one another, it is provided that a display device (20) is arranged independently of one another, it is provided that a display device (20) is arranged in the covering of each winding head, which contains a plurality of single images of possible faults and/or types of fault, which can be activated individually by the winding station computer.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/08/2007

(21) Application No.1676/MUM/2007 A

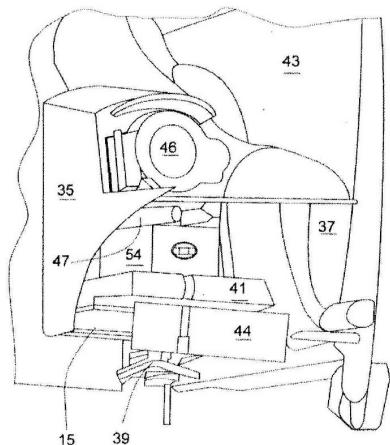
(43) Publication Date : 03/07/2009

(54) Title of the invention : TEXTILE MACHINE PRODUCING CROSS-WOUND BOBBINS

|                                                              |                                                    |                                                                                                                                                                |
|--------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :B65H67/06,<br>B41F13/62,<br>B65H45/16,<br>B41F13/ | (71) <b>Name of Applicant :</b><br><b>1)OERLIKON TEXTILE GMBH &amp; CO. KG</b><br>Address of Applicant :LANDGRAFENSTRASSE-45, D-41069 MOENCHENGLADBACH Germany |
| (31) Priority Document No                                    | :102006044980.0                                    | (72) <b>Name of Inventor :</b>                                                                                                                                 |
| (32) Priority Date                                           | :23/09/2006                                        | <b>1)MICHAEL REIMANN</b>                                                                                                                                       |
| (33) Name of priority country                                | :Germany                                           | <b>2)HANS-GUENTER WEDERSHOVEN</b>                                                                                                                              |
| (86) International Application No<br>Filing Date             | :NA<br>:NA                                         | <b>3)STEFAN BUNGTER</b>                                                                                                                                        |
| (87) International Publication No                            | : NA                                               |                                                                                                                                                                |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA                                         |                                                                                                                                                                |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA                                         |                                                                                                                                                                |

(57) Abstract :

The invention relates to a textile machine producing cross-wound bobbins, Comprising a plurality of workstations (10), the workstations (10) having components (39,41,44,46,54) for thread guidance and thread control, which are arranged in the thread running direction direction at the workstation (100, wherein at least some of the components (39,41,44,46,54) for thread guidance and thread control are arranged on a common carrier (15), and in that carrier (15) is used to arrange the components (39,41,44,46,54) at the workstation (10).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2007

(21) Application No.1827/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : SUBSTITUTED INDOLE & ITS DERIVATIVES AS CANNABINOID MODULATORS

|                                               |             |                                                                                                                                                                                                                           |
|-----------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D209/12 | (71) <b>Name of Applicant :</b><br><b>1)CADILA HEALTHCARE LIMITED</b><br>Address of Applicant :ZYDUS RESEARCH CENTRE,<br>"ZYDUS TOWER", SATELLITE CROSS ROADS,<br>GANDHINAGAR-SARKHEJ HIGHWAY, AHMEDABAD<br>Gujarat 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        | (72) <b>Name of Inventor :</b>                                                                                                                                                                                            |
| (61) Patent of Addition to Application Number | :NA         | <b>1)BRIJESH KUMAR SRIVASTAVA</b>                                                                                                                                                                                         |
| Filing Date                                   | :NA         | <b>2)PANKAJ R PATEL</b>                                                                                                                                                                                                   |
| (62) Divisional to Application Number         | :NA         |                                                                                                                                                                                                                           |
| Filing Date                                   | :NA         |                                                                                                                                                                                                                           |

(57) Abstract :

The present invention relates to novel substituted indole and indole derivatives to pharmaceutical compositions comprising the same, and to uses thereof. Compounds of the invention share pharmacological properties with cannabinoids and have a common wide range of beneficial therapeutic indications. In particular, compounds of the invention are useful analgesic and anti-inflammatory agents by modulating the CB2 receptor.

No. of Pages : 43 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2007

(21) Application No.1838/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : LIVER PROTECTION COMPOUNDS OF THE CYCLOHEXENONE TYPE FROM ANTRODIA CAMPHORATA

|                                                              |                       |
|--------------------------------------------------------------|-----------------------|
| (51) International classification                            | :A61K31/122, A61P1/16 |
| (31) Priority Document No                                    | :96121548             |
| (32) Priority Date                                           | :14/06/2007           |
| (33) Name of priority country                                | :Taiwan               |
| (86) International Application No<br>Filing Date             | :NA<br>:NA            |
| (87) International Publication No                            | : NA                  |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA            |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA            |

(71)Name of Applicant :

1)GOLDEN BIOTECHNOLOGY CORPORATION

Address of Applicant :15F, NO.27-6, SEC.2, JHONG-JHENG E. RD., DANSHUEI TOWNSHIP, TAIPEI HSIEN Taiwan

(72)Name of Inventor :

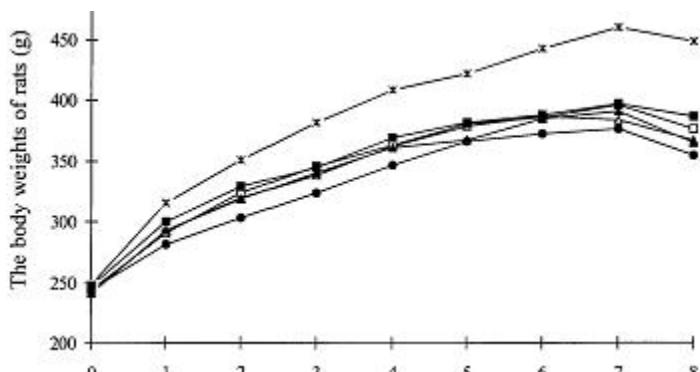
1)SHENG - YUN LIU

2)MAO - TIEN KUO

3)WU - CHE WEN

(57) Abstract :

The present invention relates to a compound of *Antrodia camphorata* used for liver protection, in particular to an extract, 4-hydroxy-2,3-dimethoxy-6-methyl-5(3,7,11-trimethyl-dodeca-2,6,10-trienyl)-cyclohex-2-enone which is isolated from *Antrodia camphorata*. The cyclohexenone compound according to the invention helps to alleviate liver injury and fibrosis induced by chemicals and reduces the levels of alanine aminotransferase (ALT) and aspartate aminotransferase (AST). By increasing the contents of glutathione peroxidase (GSHPx) and catalase (CAT), cyclohexenone further decreases the liver damage and the oxidative pressure caused by free radicals, enhances the antioxidant ability and achieves the purposed of liver protection.



No. of Pages : 34 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/09/2008

(21) Application No.1923/MUMNP/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PROCESS TO PRODUCE SODIUM SULFATE AND MAGNESIUM HYDROXIDE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C30B29/22         |
| (31) Priority Document No                     | :NA                |
| (32) Priority Date                            | :NA                |
| (33) Name of priority country                 | :NA                |
| (86) International Application No             | :PCT/MX2007/000153 |
| Filing Date                                   | :14/12/2007        |
| (87) International Publication No             | : WO/2009/078690   |
| (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)SERVICIOS INDUSTRIALES PENOLES S.A. DE C.V.**

Address of Applicant :PROLONGACION COMONFORT  
S/N, ANTIGUA ADUANA, COLONIA LUIS ECHEVERRIA,  
C.P. 27300, TORREON COAHUILA, Mexico

**(72)Name of Inventor :**

**1)MARTINEZ MARTINEZ, JESUS MANUEL**

**2)GARCIA LOPEZ, ARMANDO**

**3)BOCANEGRA ROJAS, JOSE GERTRUDIS**

**4)BENAVIDES PEREZ, RICARDO**

**(57) Abstract :**

This invention refers to a novel process to obtain magnesium hydroxide and sodium sulfate from a solid raw material, which contains sodium and magnesium soluble salts, preferably in the form of sulfates, coming from a natural source or as a byproduct of an industrial process. The process consisting in the conditioning of the raw material to guarantee the correct concentrations of sodium and magnesium sulfates that is subjected to a salting-out crystallization when mixed with sodium sulfate obtaining sodium sulfate; the resulting solution is subjected to an alkali treatment to precipitate the magnesium hydroxide and the mother liquor is fed to a regeneration stage of the alkali used in the precipitation of the magnesium hydroxide as well in the sodium sulfate solution for the crystallization. The crystallization can be performed as a multistage process countercurrent to increase the purity of sodium sulfate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/01/2009

(21) Application No.194/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : MICRO-OPTIC SECURITY AND IMAGE PRESENTATION SYSTEM

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G02B27/10         |
| (31) Priority Document No                     | :60/817,297        |
| (32) Priority Date                            | :28/06/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/072406 |
| Filing Date                                   | :28/06/2007        |
| (87) International Publication No             | : WO/2008/008635   |
| (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)Visual Physics LLC**

Address of Applicant :1245 Old Alpharetta Road Alpharetta GA 30005 United States of America U.S.A.

(72)**Name of Inventor :**

**1)STEENBLIK Richard A.**

**2)HURT Mark J.**

**3)JORDAN Gregory R.**

(57) Abstract :

A synthetic micro-optic system and security device is disclosed including an in-plane image formed of an array or pattern of image icons and an array of focusing elements, the system producing at least two different synthetic images whereby one synthetic image operates to modulate or control the extent of the appearance of another synthetic image. In an exemplary form, the array of image icons forms an in-plane synthetic image, while the interaction of the array of focusing elements with the array of image icons forms a separate synthetically magnified image that serves to control the field of view of the in-plane image and, thus, serves to modulate or control the extent of appearance of the in-plane image. The appearance of the in-plane image, thus, visually appears and disappears, or turn on and off, depending upon the viewing angle of the system.

No. of Pages : 135 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2006

(21) Application No.1968/MUM/2006 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : CURRENT LIMITING CONTACT SYSTEM

|                                               |           |                                                                                                                                                                    |
|-----------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H01H3/00 | (71) <b>Name of Applicant :</b><br><b>1)LARSEN &amp; TOUBRO LIMITED</b><br>Address of Applicant :L & T House, Ballard Estate, Mumbai<br>400 001, 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><br><b>1)KUSHWAHA, VISHAL SINGH</b><br><b>2)JOSHI AMEYA S</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 relates to a current limiting contact system. The system comprises cassette (I) conducting bar means (24,28) being operatively disposed in plurality of chambers (13,27) provided in cassette (I) so that bar means (24, 28) are movable inside chamber (13,27) having appropriate clearance in a predetermined central plane. Plurality of contact means (7,8) are suitable located on the bar means (24,28) and plurality of loop means (2,16) are accommodated in said chambers (13,27) comprising an aperture (12,25)so as to operatively dispose conducting bar means (24,28). Loop means (2,16) being profiled so as to generate strong magnetic field and plurality of plate means (20) being operatively placed in the loop means (2,16) for achieving strong magnetic field and strong blow-out field.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2007

(21) Application No.1831/MUM/2007 A

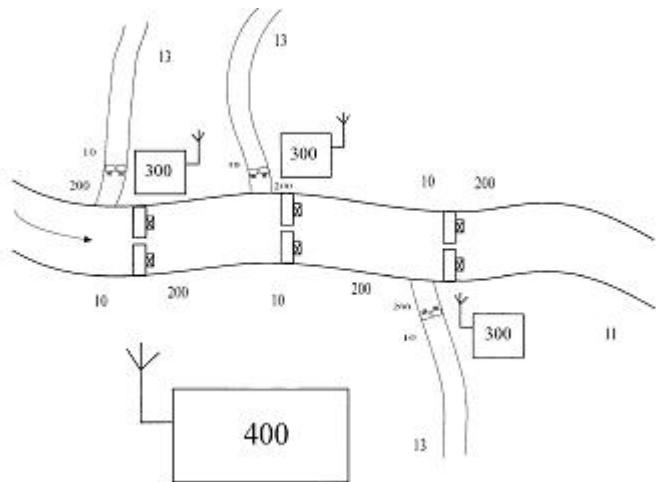
(43) Publication Date : 03/07/2009

(54) Title of the invention : DEVICES FOR THE CONTROL OF FLOW OF WATER

|                                               |           |                                                   |
|-----------------------------------------------|-----------|---------------------------------------------------|
| (51) International classification             | :E02B5/08 | (71)Name of Applicant :                           |
| (31) Priority Document No                     | :NA       | <b>1)KELKAR PADMAKAR WAMAN</b>                    |
| (32) Priority Date                            | :NA       | Address of Applicant :43/2, ERANDWANA, OFF. KARVE |
| (33) Name of priority country                 | :NA       | ROAD, PUNE Maharashtra India                      |
| (86) International Application No             | :NA       | (72)Name of Inventor :                            |
| Filing Date                                   | :NA       | <b>1)KELKAR PADMAKAR WAMAN</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 solar powered system for controlling flow of water in a channel, said system comprising, a plurality of sluice gates located in said channel, each of said sluice gate being operated by a solar powered actuator which is adapted to move an element of the gate to configure the sluice gate between an operative open and an operative closed configuration for regulating the flow of water through the channel, and each of said sluice gate being provided with a first set of sensors adapted to sense the final and intermittent position of said element; a second set of sensors provided within said channel adapted to sense parameters of water flowing through said channel; a plurality of base control unit adapted to receive signals from said first set of sensors and said second set of sensors, and further adapted to control movement of said actuator; at least one local control unit adapted to receive signals from a cluster of said base control units and located remotely from said cluster; and a master control unit adapted to receive signals from a plurality of said local control units and having a computational means adapted to compute the signals from said sensors to generate actuating signals in response to a desired pre-determined flow to actuate at least one of said actuators of said sluice gates via a local control unit and a base control unit.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2006

(21) Application No.1908/MUM/2006 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : DIPHTHERIA ANTITOXIN ( CHICKEN EGG YOLK ORIGIN)

|                                                              |             |
|--------------------------------------------------------------|-------------|
| (51) International classification                            | :A61K39/395 |
| (31) Priority Document No                                    | :NA         |
| (32) Priority Date                                           | :NA         |
| (33) Name of priority country                                | :NA         |
| (86) International Application No<br>Filing Date             | :NA         |
| (87) International Publication No                            | :Nil        |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA         |
| (62) Divisional to Application Number<br>Filing Date         | :NA         |

**(71)Name of Applicant :**

**1)VENKYS (INDIA)LIMITED**

Address of Applicant :SPF Egg Division, Venkateshwara House, S. No.114/A/2, Pune 411 030 Maharashtra India

**2)HAFFKINE BIO PHARMACEUTICALS CORPORATION LIMITED**

**(72)Name of Inventor :**

**1)GOVIND R. GHALSASI**

**2)VINAYAK V.LIMAYE**

**3)MILIND V. KHADILKAR**

**4)NITIN C. SALVI**

**5)ARUN B. WAGHMARE**

---

**(57) Abstract :**

The present invention relates to a therapeutic composition comprising antibodies against diphtheria virus. The invention also relates to a process of preparing the composition comprising antibodies obtained from egg yolk of birds immunized with antigens of diphtheria virus.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/09/2008

(21) Application No.1908/MUMNP/2008 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : "PAN FOR SHIPPING AND INSTALLING SOLAR PANEL ON A ROOF"

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H01L31/02         |
| (31) Priority Document No                     | :60/463,359        |
| (32) Priority Date                            | :16/04/2003        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2004/011525 |
| Filing Date                                   | :15/04/2004        |
| (87) International Publication No             | : WO/2004/095589   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :01190/MUMNP/2005  |
| Filed on                                      | :26/10/2005        |

---

(71)**Name of Applicant :**

**1)BP Corporation North America Inc.**

Address of Applicant :4101 Winfield Road Warrenville IL  
60555 U.S.A. U.S.A.

(72)**Name of Inventor :**

**1)WARFIELD, Donald, B.**

**2)GARVISON, Paul**

**3)AMIN, Dinesh, S.**

(57) Abstract :

A method and apparatus for installing a solar array on the roof of a residence or the like which uses a pan in the installation of the solar modules that make up the array. The pan may also be used as part of the packaging of the solar modules. The pan is comprised of a length of material having a trough-like cross-section. For packaging, shipping inserts are fitted into the trough of each pan. Opposite edges of a solar module are fitted into respective slots in the inserts of two facing pans and a protector is fitted over each end thereof to form a package for shipping. Once on site, the packages are disassembled, the pans are mounted on the roof, and the modules are connected to the pans to form the array.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2006

(21) Application No.1909/MUM/2006 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : POLYVALENT SNAKE ANTIVENOM ( CHICKEN EGG YOLK ORIGIN)

|                                               |             |
|-----------------------------------------------|-------------|
| (51) International classification             | :A61K39/395 |
| (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             | :Nil        |
| (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)VENKYS (INDIA)LIMITED**

Address of Applicant :SPF Egg Division, Venkateshwara House, S. No.114/A/2, Pune 411 030 Maharashtra India

**2)HAFFKINE BIO PHARMACEUTICALS CORPORATION LIMITED**

**(72)Name of Inventor :**

**1)GOVIND R. GHALSASI**

**2)VINAYAK V.LIMAYE**

**3)MILIND V. KHADILKAR**

**4)NITIN C SALVI**

**5)ARUN B. WAGHMARE**

---

**(57) Abstract :**

The present invention relates to a therapeutic composition comprising antibodies against four deadly poisonous snake venoms i.e. of Indian Cobra ( Naja naja), Russell's Viper {Vipera russellii}, Indian Common Krait ( Bungarus caeruleus) and Saw Scaled Viper (Echis carinatus), the invention also relates to a process of preparing the composition comprising antibodies obtained from egg yolk of birds immunized with different antigens of Indian snake venoms.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2006

(21) Application No.1961/MUM/2006 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : SELF ENGULF ICE PACK SYSTEM ( SEPAS)

|                                               |           |                                                                                                                                                                                            |
|-----------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61F7/10 | (71) <b>Name of Applicant :</b><br><b>1)ESLAMI MASOUD</b><br>Address of Applicant :ROOM NO. 1, PLATINUM JUBILEE HOSTEL, HAFFKINE INSTITUTE CAMPUS, PAREL, MUMBAI-400 012 Maharashtra 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      | (72) <b>Name of Inventor :</b><br><b>1)ESLAMI MASOUD</b>                                                                                                                                   |
| (61) Patent of Addition to Application Number | :NA       |                                                                                                                                                                                            |
| Filing Date                                   | :NA       |                                                                                                                                                                                            |
| (62) Divisional to Application Number         | :NA       |                                                                                                                                                                                            |
| Filing Date                                   | :NA       |                                                                                                                                                                                            |

(57) Abstract :

The cubic shape icepack is made by feasible plastic material (polycarbonate) that also might function as an icebox individually due to its specific design and closed system. It comprises of two parts, each part made by a double layer jacket for water input along with a secure screwed cap. The cap is positioned on top of the icepack. [As illustrated in Figure 1 of the Drawings]. One part has a bottom to avoid spread of contaminant into icebox due to any leakage from specimen. These two parts are joined to each other self-engulfing by way of a sliding edge. Each part contains a separate cap. The upper part of each icepack forms S like shape before the system to be union. [As illustrated in Figure 2 of the Drawings]. For more secure and safe use both the icepacks also could be double tied by a fastening plastic belt followed by reunion of the ice packs. The aim is to maintain the temperature for even longer period. This purpose could be met by covering a jacket in which the inner side of jacket is filled by fine fiberglass material. The size and dimension of Self Engulf Ice Pack System (SEPAS) is similar to the size of available ice packs [As illustrated in Figure 3 of the Drawings]. Considering the size and shape of this icepack it is possible to be inserted in all types of available iceboxes manufactured for shipment of the biological consignments.

No. of Pages : 9 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/01/2009

(21) Application No.197/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : COMPOSITIONS CONTAINING QUATERNARY AMMONIUM COMPOUNDS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K9/107         |
| (31) Priority Document No                     | :11/494,493        |
| (32) Priority Date                            | :28/07/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/EP2007/057784 |
| Filing Date                                   | :27/07/2007        |
| (87) International Publication No             | : WO/2008/012367   |
| (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)NOVAGALI PHARMA SA**

Address of Applicant :1 rue Pierre Fontaine F-91000 Evry  
France France

(72)**Name of Inventor :**

**1)RABINOVICH-GUILATT Laura**

**2)LAMBERT Gregory**

**3)LALLEMAND Frederic**

**4)PHILIPS Betty**

(57) Abstract :

This invention relates to compositions containing quaternary ammonium compounds in which the nitrogen atom is substituted by at least one alkyl group having at least 12 carbon atoms, characterized in that said composition includes at least 20% in weight by weight of the total composition, of ammonium halides in which the nitrogen atom is substituted by at least one alkyl group having at least 14 carbon atoms and more than 5%, preferably more than 7% in weight by weight of the total composition, of ammonium halides in which the nitrogen atom is substituted by at least one alkyl group having at least 16 carbon atoms. This invention also relates to ophthalmic oil-in-water emulsions containing such compositions, said ophthalmic emulsions being useful for eye care or for the treatment of eye conditions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2006

(21) Application No.2000/MUM/2006 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : EXTENDED RELEASE PHARMACEUTICAL COMPOSITION OF PRAMIPEXOLE

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|                                               |                       |
|-----------------------------------------------|-----------------------|
| (51) International classification             | :A61K31/425A61K31/428 |
| (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                   |

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(71)**Name of Applicant :**

**1)ALEMBIC LIMITED**

Address of Applicant :Alembic campus, Alembic Road,  
Vadodara Gujarat India

(72)**Name of Inventor :**

**1)KSHIRSAGAR RAJESH**

**2)RAO ASHWIN**

**3)MALAVIYA NILESH**

(57) Abstract :

An extended release pharmaceutical composition comprising pramipexole having an extended release profile such that not less than 25% of the total amount of pramipexole or a pharmaceutically acceptable salt thereof in the composition is released within one hour, significant release of drug takes place over the subsequent one hour and not less than 80% of the total amount of pramipexole or a pharmaceutically acceptable salt thereof in the composition is released over a period of about 24 hours.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2254/MUMNP/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : NOVEL SUPPLEMENTS FOR POULTRY AND LIVESTOCK

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|                                               |                   |
|-----------------------------------------------|-------------------|
| (51) International classification             | :A23K 1/00        |
| (31) Priority Document No                     | :NA               |
| (32) Priority Date                            | :NA               |
| (33) Name of priority country                 | :NA               |
| (86) International Application No             | :PCT/IB2006/01285 |
| Filing Date                                   | :17/05/2006       |
| (87) International Publication No             | : WO/2006/129149  |
| (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)WOCKHARDT LIMITED**

Address of Applicant :D4-MIDC AREA, CHIKALTHANA,  
AURANGABAD, Maharashtra India

(72)Name of Inventor :

**1)DE SOUZA, ANSELM**

**2)BANERJEE, ASIM**

**3)REDDY, ADALA BALAKRISHNA**

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(57) Abstract :

The present invention relates to novel poultry and livestock supplements that effectively replace the use of antibiotics in poultry and livestock feeds, that comprise probiotics and methylsulfonylmethane. The supplements further comprise saccharides, vitamins, carotenoids, xanthophylls, minerals and electrolytes. The components of the supplements described in the present invention function synergistically as nutrients sources, that enhance the growth and productivity of poultry and livestock, as well as anti-microbial factors that effectively inhibit, if not completely eliminate, pathogenic microorganisms.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/02/2009

(21) Application No.241/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : NAPHTHALENE 2-CARBOXYLATE DERIVATIVE USEFUL FOR SYNTHESIZING GEMCITABINE AND A METHOD FOR PREPARING THE SAME

(51) International classification

:C07H 19/073

(31) Priority Document No

:10-2006-0072786

(32) Priority Date

:01/08/2006

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2007/003648

Filing Date

:30/07/2007

(87) International Publication No

:WO/2008/016244 A1

(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)YUIL PHARM TECH CO. LTD.**

Address of Applicant :a company of the Republic of Korea of the address: 365-1 Sinwol-ri Iwol-myeon Jincheon-gun Chungcheongbuk-do 365-824 Republic of Korea Republic of Korea

**2)CHIRO GENIX CO. LTD.**

(72)Name of Inventor :

**1)KIM Kyu Wann**

**2)KIM Kyoung Soo**

**3)PARK Young Won**

**4)PARK Young Jun**

**5)LEE Won Kyoung**

---

(57) Abstract :

Disclosed herein are novel naphthalene-2-carboxylate derivatives of Formula (I), which are useful for the synthesis of gemcitabine, as well as a preparation method. The novel derivatives have naphthalene-2-carboxylate as the hydroxy protecting group of 2-deoxy-2, 2-difluoro-pentofuranose-1-ulose. (I) wherein R1 and R2 are each independently hydrogen, methyl, chloro, fluoro, bromo, iodo, methoxy, ethoxy or nitro.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2008

(21) Application No.2461/MUMNP/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : EPIGENETIC REGULATORY COMPLEX FOR CONTROL OF GENE EXPRESSION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C12N 9/10         |
| (31) Priority Document No                     | :0608945.2         |
| (32) Priority Date                            | :05/05/2006        |
| (33) Name of priority country                 | :U.K.              |
| (86) International Application No             | :PCT/GB2007/001688 |
| Filing Date                                   | :08/05/2007        |
| (87) International Publication No             | :WO2007/129091A1   |
| (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)CAMBRIDGE ENTERPRISE LIMITED

Address of Applicant :THE OLD SCHOOLS, TRINITY LANE, CAMBRIDGE CB2 ITS, UNITED KINGDOM. U.K.

(72)Name of Inventor :

1)SURANI AZIM

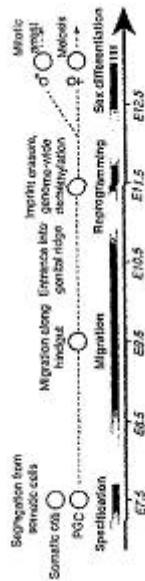
2)LANGE ULRIKE

3)HAJKOVA PETRA

4)ANCELIN KATIA

(57) Abstract :

An epigenetic regulatory polypeptide complex comprises at least a first domain having site-specific DNA binding activity and at least a second domain having an arginine methyltransferase activity, wherein the second domain is capable of methylating an arginine residue located in the tail region of a histone H2A. The complex is able to regulate gene expression in cells, particularly in mammalian stem cells by controlling the methylation of R3 in the tail regions of histones H2A and H4. The complex is exemplified by a polypeptide complex comprising the DNA binding activity of Blimp1 and the arginine methyltransferase activity of Prmt5.



No. of Pages : 40 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/01/2009

(21) Application No.179/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : “METHOD, APPARATUS, AND SYSTEM FOR ENHANCING ROBUSTNESS OF PREDICTIVE VIDEO CODECS USING A SIDE-CHANNEL BASED ON DISTRIBUTED SOURCE CODING TECHNIQUES”

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04N7/64          |
| (31) Priority Document No                     | :60/576,193        |
| (32) Priority Date                            | :01/06/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/019157 |
| Filing Date                                   | :31/05/2005        |
| (87) International Publication No             | :WO/2005/120079    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :1605/MUMNP/2006   |
| Filed on                                      | :22/12/2006        |

(71)**Name of Applicant :**

**1)QUALCOMM INCORPORATED**

Address of Applicant :5775 Morehouse Drive San Diego California 92121-1714 United States of America U.S.A.

(72)**Name of Inventor :**

**1)GARUDADRI Harinath**

**2)SRINIVASAMURTHY Naveen B.**

**3)CHUNG Hyukjune**

**4)RAMACHANDRAN Kannan**

**5)MAJUMDAR Abhik**

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(57) Abstract :

A method, apparatus, and system for providing distributed source coding techniques that improve data coding performance, such as video data coding, when channel errors or losses occur. Errors in the reconstruction of the data is eliminated or reduced by sending extra information. Correlation between a predicted sequence and an original sequence can be used to design codebooks and find the cosets required to represent the original image. This information may be sent over another channel, or a secondary channel.

No. of Pages : 37 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2006

(21) Application No.1910/MUM/2006 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : RABIES ANTISERUM ( CHICKEN EGG YOLK ORIGIN)

|                                                              |            |
|--------------------------------------------------------------|------------|
| (51) International classification                            | :C12N15/09 |
| (31) Priority Document No                                    | :NA        |
| (32) Priority Date                                           | :NA        |
| (33) Name of priority country                                | :NA        |
| (86) International Application No<br>Filing Date             | :NA        |
| (87) International Publication No                            | :Nil       |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA        |
| (62) Divisional to Application Number<br>Filing Date         | :NA        |

**(71)Name of Applicant :**

**1)VENKYS (INDIA) LIMITED**

Address of Applicant :SPF Division, Venkateshwara house,  
S.no.114/A/2, Pune 411 030 Maharashtra India

**2)HAFFKINE BIO PHARMACEUTICALS  
CORPORATION LIMITED**

**(72)Name of Inventor :**

**1)GOVIND R. GHALSASI**

**2)VINAYAK V. LIMAYE**

**3)MILIND V. KHADILKAR**

**4)NITIN C. SALVI**

**5)ARUN B. WAGHMARE**

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**(57) Abstract :**

The present invention relates to a therapeutic composition comprising antibodies against rabies virus, The invention also relates to a process of preparing the composition comprising antibodies obtained from egg yolk of birds immunized with antigens of rabies virus.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/01/2009

(21) Application No.195/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : DEMAND CONTROL DEVICE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H02J3/00          |
| (31) Priority Document No                     | :2006-178043       |
| (32) Priority Date                            | :13/06/2007        |
| (33) Name of priority country                 | :Japan             |
| (86) International Application No             | :PCT/JP2007/062371 |
| Filing Date                                   | :13/06/2007        |
| (87) International Publication No             | :WO/2008/001655    |
|                                               | 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)Sanyo Electric Co. Ltd.

Address of Applicant :a Japanese Corporation of the address:  
5-5 Keihanhondori 2-chome Moriguchi City Osaka 570-8677  
Japan Japan

(72)Name of Inventor :

1)OUCHI Atsushi

2)NAKAJIMA Hideki

(57) Abstract :

A demand control device includes: predicted value calculation means (21) for calculating a predicted value of a power consumption accumulated value for each of demand time limits of the current demand and a predetermined number of following demands according to actual data stored in a power database (24) upon start of a demand time limit; and control means (21) for controlling an apparatus according to the predicted value and a set target value of the demand time limits calculated by the predicted value calculation means (21).

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/01/2009

(21) Application No.198/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : GRANULATED SORBITOL AND PROCESS FOR ITS PREPARATION

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07C31/26         |
| (31) Priority Document No                     | :0606954           |
| (32) Priority Date                            | :28/07/2007        |
| (33) Name of priority country                 | :France            |
| (86) International Application No             | :PCT/FR2007/051707 |
| Filing Date                                   | :23/07/2007        |
| (87) International Publication No             | :WO/2008/012465    |
|                                               | A2                 |
| (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)ROQUETTE FRERES**

Address of Applicant :F-62136 Lestrem France France

(72)Name of Inventor :

**1)DUFLOT Pierrick**

**2)BOIT Baptiste**

**3)LEFEVRE Philippe**

**4)LIS José**

(57) Abstract :

The present invention relates to a granulated sorbitol of essentially  $\gamma$  crystalline form and having a high sorbitol content, characterized in that it has a specific surface area, determined according to the BET method, of greater than or equal to 2 m<sup>2</sup>/g, preferably of between 2.2 and 4 m<sup>2</sup>/g, and even more preferably of between 2.5 and 3.5 m<sup>2</sup>/g, a compressibility of between 200 and 400 N, preferably of between 250 and 350 N, and a volume-average diameter, measured by laser diffraction particle sizing using a dry-system module, of between 260 and 1000  $\mu$ m, preferably of between 260 and 500  $\mu$ m, and even more preferably of between 260 and 350  $\mu$ m.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2007

(21) Application No.2443/MUM/2007 A

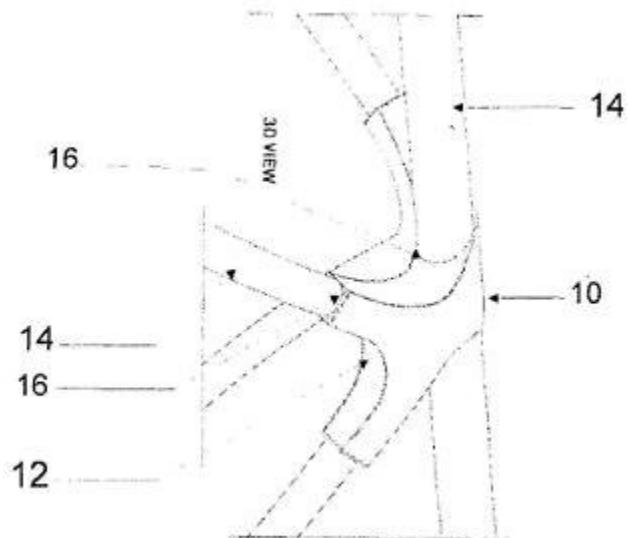
(43) Publication Date : 03/07/2009

(54) Title of the invention : STRUCTURAL JUNCTIONS

|                                               |           |                                                    |
|-----------------------------------------------|-----------|----------------------------------------------------|
| (51) International classification             | :E04B1/00 | (71)Name of Applicant :                            |
| (31) Priority Document No                     | :NA       | <b>1)DAKE DHANANJAY</b>                            |
| (32) Priority Date                            | :NA       | Address of Applicant :"VEDH" 484/37, MITRAL MANDAL |
| (33) Name of priority country                 | :NA       | COLONY, PARVATI, PUNE-411009, Maharashtra India    |
| (86) International Application No             | :NA       | (72)Name of Inventor :                             |
| Filing Date                                   | :NA       | <b>1)DAKE DHANANJAY</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 junction comprising a plurality of integral hollow jaws forming connecting members that converge at a point within the body of the junction, said jaws allowing for two or more elements to be connected structurally thereto, said jaws formed of bi-directionally or uni-directionally curved steel or any other structural material plate.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2521/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PROCESS FOR PREPARATION OF PURE VALACYCLOVIR HYDROCHLORIDE

|                                               |                 |                                                                                                                                               |
|-----------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D<br>473/00 | (71) <b>Name of Applicant :</b><br><b>1)WOCKHARDT LTD</b><br>Address of Applicant :D4-MIDC AREA, CHIKALTHANA,<br>AURANGABAD 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><br><b>1)GANGAKHEDKAR KIRAN KUMAR</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 invention provides process for preparation of pure valacyclovir hydrochloride. The invention further provides pure valacyclovir and salts thereof having 2-amino-9-(methoxymethyl)-1H-purin-6(9H)-one content of 1% or less. The invention also provides a pharmaceutical composition of valacyclovir or salts thereof having 2-amino-9-(methoxymethyl)-1H-purin-6(9H)-one content of 1% or less.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/11/2007

(21) Application No.2192/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : COLLECTING CYLINDER OF A FOLDING EQUIPMENT OF A PRINTING MACHINE

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :B41F13/004     |
| (31) Priority Document No                     | :102006051569.2 |
| (32) Priority Date                            | :02/11/2006     |
| (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)MAN ROLAND DRUCKMASCHINEN AG

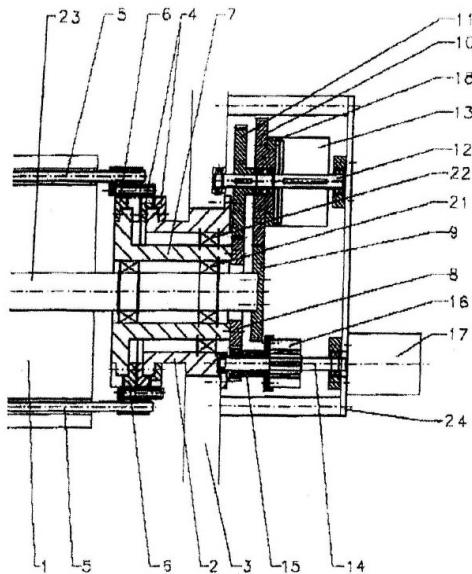
Address of Applicant :MUEHLHEIMER STRASSE 341,  
63075 OFFENBACH Germany

(72)Name of Inventor :

1)KARL- HEINZ HOEHLE

(57) Abstract :

The invention relates to a collating cylinder of a folding apparatus of a printing press with several holding systems arranged distributed over the circumference of a cylinder body ( 1 ) and rotating together with the cylinder body, wherein each holding system comprises several holding devices, wherein the opening and closing of the holding devices of each holding system is controllable by at least one operating cam ( 2 ) and at least one covering cam ( 6 ) in such a manner that in non-collating mode of the collating cylinder exclusively the or each operating cam; ( 2 ) controls the opening and closing of the holding devices of the holding systems and that in collating mode of the collating cylinder the or each operating cam ( 2 ) and the or each covering cam ( 6 ) controls the opening and closing of the holding devices of the holding systems, and wherein for changing the collating cylinder from the non-collating mode to the collating mode as well as vice versa a relative adjustment between the or each covering and the collating cylinder can be realised. According to the invention, the cylinder body ( 1 ) together with the or each operating cam ( 4 ) via a first bearing body ( 2 ) is mounted on a frame ( 3 ), that the or each covering cam ( 6 ) via a second bearing body ( 7 ) is mounted coaxially to the first bearing body ( 2 ) on an axle ( 23 ) of the collating cylinder, that in collating mode a speed differential between the or each covering cam ( 6 ) and the collating cylinder can be provided via a step-up gear having several gears ( 8, 9, 10, 11 ) and a switchable positive clutch ( 13 ) can be provided, and that for changing the collating cylinder from the non- collating mode to the collating mode as well as vice versa with the positive clutch ( 13 ) opened an exclusive relative rotation between the or each covering cam ( 6 ) and the collating cylinder about a certain angle can be realised in such manner that the positive clutch(13) is also rotatable by this angle.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2007

(21) Application No.2469/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : HERBAL TABLET AND POWDER AS BLOOD ENERGISER

|                                                              |            |                                                                                                                                                                                                         |
|--------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :A61K35/78 | (71) <b>Name of Applicant :</b><br><b>1)BHARAT MANHARLAL PARIKH</b><br>Address of Applicant :26, SAKET ROW HOUSES, OPP.<br>MEMNAGAR GRAM PANCHAYAT OFFICE, MEMNAGAR,<br>AHMEDABAD-380052, Gujarat India |
| (31) Priority Document No                                    | :NA        |                                                                                                                                                                                                         |
| (32) Priority Date                                           | :NA        |                                                                                                                                                                                                         |
| (33) Name of priority country                                | :NA        |                                                                                                                                                                                                         |
| (86) International Application No<br>Filing Date             | :NA        | (72) <b>Name of Inventor :</b><br><b>1)BHARAT MANHARLAL PARIKH</b>                                                                                                                                      |
| (87) International Publication No                            | :NA        |                                                                                                                                                                                                         |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA        |                                                                                                                                                                                                         |
| (62) Divisional to Application Number<br>Filing Date         | :NA        |                                                                                                                                                                                                         |

(57) Abstract :

A herbal composition for use to kills and remove said micro-organisms and purify the blood, the process of manufacturing thereof, comprising collecting Jiang huang in the range of 0.00630 to 0.00850g , Rou dou kou 0.00630 to 0.00850g, Momordica charantia 0.01630 to 0.01870g , Cinnamomum camphora 0.03343g to 0.03380g , Commiphora wightii 0.03343g to 0.03380g , Azadirachta indica 0.06656g to 0.06678g , Swertia chirata 0.06656g to 0.06678g , Tinospora Cordifolia 0.06656g to 0.06678g , Hemidesmus indicus 0.06656g to 0.06678g , Acacia Catechu 0.06656g to 0.06678g , Ocimum sanctum linn 0.03343g to 0.03380g , Withania somnifera 0.03343g to 0.03380g , Asperagus racemosus 0.03343g to 0.03380g , Gau Mutra 0.020ml to 0.025ml, Cow's Ghee 0.015g to 0.025g, Rubia Cordifolia 0.00630 to 0.00850g.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2007

(21) Application No.2471/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : A NOVEL ARCHITECTURE FOR GUARANTEED END-TO-END QUALITY OF SERVICE (QOS) OVER INTERNET

|                                                              |                |
|--------------------------------------------------------------|----------------|
| (51) International classification                            | :G06F<br>17/60 |
| (31) Priority Document No                                    | :NA            |
| (32) Priority Date                                           | :NA            |
| (33) Name of priority country                                | :NA            |
| (86) International Application No<br>Filing Date             | :NA            |
| (87) International Publication No                            | : NA           |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA            |
| (62) Divisional to Application Number<br>Filing Date         | :NA            |

(71)Name of Applicant :

**1)IIT BOMBAY**

Address of Applicant :IIT BOMBAY, POWAI, MUMBAI.  
Maharashtra India

(72)Name of Inventor :

**1)SARAPH GIRISH P**

**2)JOSHI RAJESH B**

(57) Abstract :

Disclosed herein are an architectural framework of a communication network and a method of establishing QoS connection in a communication network. The architectural framework comprises of a plurality of Autonomous systems (ASs) connected to one another, each AS being optionally connected to one or more users and comprising at least one AS Designated Quality of service provider Entity (ADE) and at least one gateway communicating with the respective ADE.

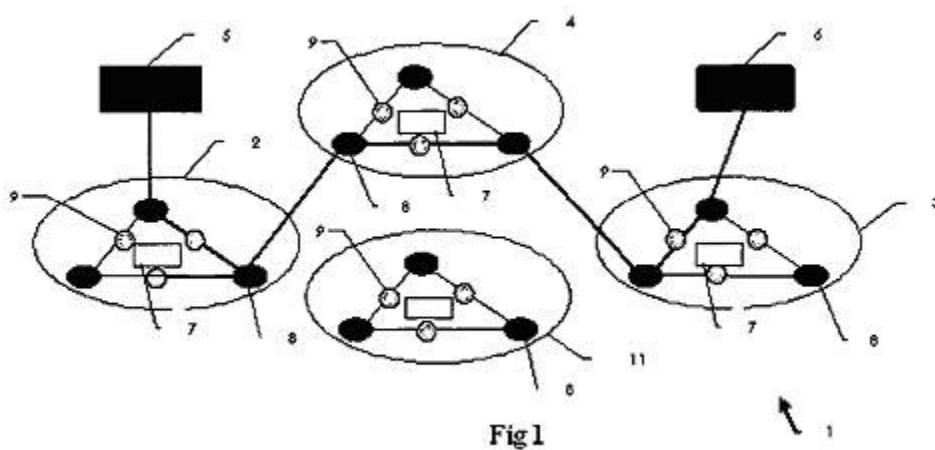


Fig 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2007

(21) Application No.2464/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : A PHARMACEUTICAL COMPOSITION COMPRISING NSAIDS AND COLCHICINE COMBINATION FOR USE IN ACUTE AND CHRONIC PAINFUL CONDITIONS SUCH AS GOUT AND OSTEOARTHRITIS

|                                               |           |                                                                                                                                                                                        |
|-----------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K9/20 | (71) <b>Name of Applicant :</b><br><b>1)IPCA LABORATORIES LIMITED</b><br>Address of Applicant :48,KANDIVLI INDUSTRIAL<br>ESTATE, CHARKOP, KANDIVLI (WEST), MUMBAI<br>Maharashtra India |
| (31) Priority Document No                     | :NA       |                                                                                                                                                                                        |
| (32) Priority Date                            | :NA       |                                                                                                                                                                                        |
| (33) Name of priority country                 | :NA       |                                                                                                                                                                                        |
| (86) International Application No             | :NA       |                                                                                                                                                                                        |
| Filing Date                                   | :NA       | (72) <b>Name of Inventor :</b>                                                                                                                                                         |
| (87) International Publication No             | : NA      | <b>1)PAREEK ANIL</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 discloses novel synergistic pharmaceutical composition comprising Colchicine in combination with NSAIDs selected from the group comprising Etodolac, aceclofenac, Indomethacin, Nabumetone, Etoricoxib, Celecoxib, Diclofenac, Piroxicam along with pharmaceutical excipients/ carriers useful in treating acute and chronic painful conditions, including gout and osteoarthritis.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/12/2007

(21) Application No.2490/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : ISOLATION AND RECOVERY OF SIMVASTATIN IN LACTONE FORM OR IN THE FORM OF AN ACID SALT FROM THE HARVESTED FERMENTATION BROTH

|                                                              |             |
|--------------------------------------------------------------|-------------|
| (51) International classification                            | :C07D309/00 |
| (31) Priority Document No                                    | :NA         |
| (32) Priority Date                                           | :NA         |
| (33) Name of priority country                                | :NA         |
| (86) International Application No<br>Filing Date             | :NA         |
| (87) International Publication No                            | :NA         |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA         |
| (62) Divisional to Application Number<br>Filing Date         | :NA         |

(71)**Name of Applicant :**

**1)THEMIS MEDICARE LIMITED**

Address of Applicant :11/12, UDYOGNAGAR, S.V.ROAD,  
GOREGAON (W), MUMBAI-400104, Maharashtra India

(72)**Name of Inventor :**

**1)PATEL DINESH SHANTILAL**

**2)PATEL DINESH SACHIN**

**3)KURANI SHASHIKANT PRABHUDAS**

**4)BARUI TAPAS**

**5)ANAND RAJNEESH**

**6)REDDY T. DAMODAR**

---

(57) Abstract :

The present invention relates to a novel process for isolation and recovery of compounds such as biosynthetically produced simvastatin in either lactone form or in the form of its acid salt in high yield and purity, from microbial fermentation broth and isolating the said statin from harvested microbial broth.

No. of Pages : 18 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2511/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : AN IMPROVED PROCESS FOR PURIFICATION OF RANOLAZINE PIPERAZINE INTERMEDIATE

|                                               |                 |                                                                                                                                               |
|-----------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D<br>295/14 | (71) <b>Name of Applicant :</b><br><b>1)WOCKHARDT LTD</b><br>Address of Applicant :D4-MIDC AREA, CHIKALTHANA,<br>AURANGABAD 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)RAO BHATRAJU SREENIVASA</b>                                                                                                              |
| (87) International Publication No             | : NA            | <b>2)PATHARE PINTU GANGADHAR</b>                                                                                                              |
| (61) Patent of Addition to Application Number | :NA             | <b>3)SUPEKAR PRAVEEN RAOSAHEB</b>                                                                                                             |
| Filing Date                                   | :NA             | <b>4)MERWADE ARVIND YEKANATHSA</b>                                                                                                            |
| (62) Divisional to Application Number         | :NA             |                                                                                                                                               |
| Filing Date                                   | :NA             |                                                                                                                                               |

(57) Abstract :

The present invention relates to an improved process for purification of 1-[(2,6-dimethylphenyl)aminocarbonylmethyl]piperazine, an useful ranolazine intermediate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2513/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : 1-(2-SUBSTITUTED DAMINO-1-OXOPROPYL)OCTAHYDROCYCLOPE NTA [B] PYRROLE-2-CARBOXYLIC ACID AND SALTS THEREOF

|                                                              |                 |                                                                                                                                               |
|--------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :C07D<br>209/00 | (71) <b>Name of Applicant :</b><br><b>1)WOCKHARDT LTD</b><br>Address of Applicant :D4-MIDC AREA, CHIKALTHANA,<br>AURANGABAD Maharashtra India |
| (31) Priority Document No                                    | :NA             | (72) <b>Name of Inventor :</b>                                                                                                                |
| (32) Priority Date                                           | :NA             | <b>1)GANGAKHEDKAR KIRAN KUMAR</b>                                                                                                             |
| (33) Name of priority country                                | :NA             | <b>2)RALLAPALLI SIVAKUMAR</b>                                                                                                                 |
| (86) International Application No<br>Filing Date             | :NA             | <b>3)LABADE VILAS BHAUSAHEB</b>                                                                                                               |
| (87) International Publication No                            | : NA            |                                                                                                                                               |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA             |                                                                                                                                               |
| (62) Divisional to Application Number<br>Filing Date         | :NA             |                                                                                                                                               |

(57) Abstract :

The invention provides 1-(2-substitutedamino-1-oxopropyl)octahydro cyclopenta [b] pyrrole-2-carboxylic acid or salts thereof having the structure of formula-II and process of preparation of the same. The invention further provides a pharmaceutical composition comprising 1-(2-substitutedamino-1-oxopropyl) octahydrocyclopenta [b] pyrrole-2-carboxylic acid and salts thereof. The invention also provides a pharmaceutical composition of ramipril or salts thereof having 1-(2-substituted amino-1-oxopropyl)octahydro cyclopenta[b]pyrrole-2-carboxylic acid and salts thereof content of 1% or less.

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2518/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : A PROCESS FOR PREPARATION OF FORM A OF (E)-N, N-DIETHYL-2-CYANO-3-(3,4-DIHYDROXY-5- NITROPHENYL)ACRYLAMIDE

|                                               |                 |                                                                                                                                                  |
|-----------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07C<br>253/00 | (71) <b>Name of Applicant :</b><br><b>1)WOCKHARDT LTD</b><br>Address of Applicant :D-4 MIDC AREA, CHIKHALTHANA,<br>AURANGABAD, 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)YADAV RAMPRASAD</b>                                                                                                                         |
| (87) International Publication No             | : NA            | <b>2)SIDDQUI MOHAMMED JAWEED MUKARRAM</b>                                                                                                        |
| (61) Patent of Addition to Application Number | :NA             | <b>3)ZAKIR GAFOOR SHAIKH</b>                                                                                                                     |
| Filing Date                                   | :NA             |                                                                                                                                                  |
| (62) Divisional to Application Number         | :NA             |                                                                                                                                                  |
| Filing Date                                   | :NA             |                                                                                                                                                  |

(57) Abstract :

The present invention provides a process for preparation of form A of (E)-N, N-diethyl-2- cyano-3- (3,4-dihydroxy-5-nitrophenyl) acrylamide.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2519/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : PURIFICATION PROCESS FOR (E)-N,N-DIETHYL-2-CYANO-3(3,4-DIHYDROXY-5-NITROPHENYL)ACRYLAMIDE

|                                                              |                 |                                                                                                                                                                                  |
|--------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :C07C<br>231/00 | (71) <b>Name of Applicant :</b><br><b>1)WOCKHARDT LTD</b><br>Address of Applicant :D-4 MIDC AREA, CHIKHALTHANA,<br>AURANGABAD, Maharashtra India                                 |
| (31) Priority Document No                                    | :NA             |                                                                                                                                                                                  |
| (32) Priority Date                                           | :NA             |                                                                                                                                                                                  |
| (33) Name of priority country                                | :NA             |                                                                                                                                                                                  |
| (86) International Application No<br>Filing Date             | :NA             | (72) <b>Name of Inventor :</b><br><b>1)YADAV RAMPRASAD</b><br><b>2)MERWADE ARVIND YEKANATHSA</b><br><b>3)SIDDQUI MOHAMMED JAWEED MUKARRAM</b><br><b>4)NASIR ALI SHAFAKAT ALI</b> |
| (87) International Publication No                            | : NA            |                                                                                                                                                                                  |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA             |                                                                                                                                                                                  |
| (62) Divisional to Application Number<br>Filing Date         | :NA             |                                                                                                                                                                                  |

(57) Abstract :

The present invention provides a purification process for (E)-N, N-diethyl-2- cyano-3-(3,4-dihydroxy-5-nitrophenyl) acrylamide.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2520/MUM/2007 A

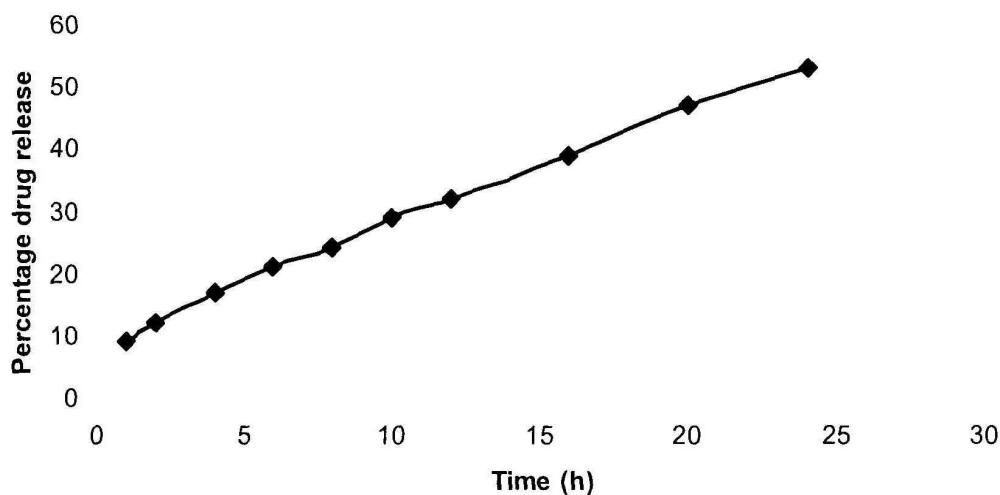
(43) Publication Date : 03/07/2009

(54) Title of the invention : SUSTAINED RELEASE PHARMACEUTICAL COMPOSITION COMPRISING LAMOTRIGINE AND HYDROPHILIC POLYMER

|                                                              |                |                                                                                                                                          |
|--------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :A61K<br>31/00 | (71)Name of Applicant :<br><b>1)WOCKHARDT LTD</b><br>Address of Applicant :D-4 MIDC AREA, CHIKHALTHANA,<br>AURANGABAD. Maharashtra India |
| (31) Priority Document No                                    | :NA            | (72)Name of Inventor :                                                                                                                   |
| (32) Priority Date                                           | :NA            | <b>1)JAIN GIRISH KUMAR</b>                                                                                                               |
| (33) Name of priority country                                | :NA            | <b>2)CHAUDHARI SHRIKANT SHASHIKANT</b>                                                                                                   |
| (86) International Application No<br>Filing Date             | :NA            | <b>3)KANDI CHANDRASHEKHAR</b>                                                                                                            |
| (87) International Publication No                            | : NA           |                                                                                                                                          |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA            |                                                                                                                                          |
| (62) Divisional to Application Number<br>Filing Date         | :NA            |                                                                                                                                          |

(57) Abstract :

A sustained release formulation of lamotrigine or salts thereof and methods of treatment and uses thereof. One of the embodiments of the present invention provides sustained release pharmaceutical composition comprising lamotrigine or salts thereof and a pharmaceutically acceptable hydrophobic polymer and the method of treatment.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2544/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : PROCESS FOR PRODUCTION OF HIGH YIELD OF BIOBUTANOL

(51) International classification

:C12P7/16

(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)RELIANCE LIFE SCIENCES PRIVATE LIMITED**  
Address of Applicant :DHIRUBHAI AMBANI LIFE  
SCIENCES CENTRE, R-282, TTC AREA OF MIDC, THANE-  
BELAPUR ROAD, RABALE, NAVI MUMBAI Maharashtra  
India

(72)Name of Inventor :

**1)VIDHYA RANGASWAMY  
2)JASMINE ISAR  
3)PRADEEP VERMA**

(57) Abstract :

The present invention relates to an improved process of production of high yield of butanol using Clostridium acetobutylicum ATCC 10132. The present invention in particular reports a strain with enhanced butanol tolerance under the optimized conditions.

No. of Pages : 35 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2547/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : HEALTH ADVISOR

|                                               |                |                                                                                                                                                          |
|-----------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G06F<br>17/30 | (71) <b>Name of Applicant :</b><br><b>1)ACCENTURE GLOBAL SERVICES GmbH</b><br>Address of Applicant :HERRENACKER 15, CH-8200<br>SCHAFFHAUSEN, Switzerland |
| (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><br><b>1)TUSHAR BADYAL</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 :

Systems and methods are disclosed for providing health and diet advice. A user may establish a user profile that may include information relating to the user's health and nutritional needs. The user may visit a restaurant or other food service location and may be presented with a menu that includes a variety of menu options. The user may access the user profile at the restaurant or food service location and may be provided advice and suggestions regarding the available menu options. The diet advisor may perform a comparison of the health and nutritional needs of the user with the available menu options. The diet advisor may assist a user in selecting a menu option at a restaurant or food service location that is healthy and will provide the user with the proper balance of nutrients.

No. of Pages : 34 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/02/2009

(21) Application No.255/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR PREVENTION AND/OR TREATMENT OF BONE DISEASE, FUNCTIONAL FOOD OR HEALTH FOOD COMPRISING THE COMPOSITION, AND PHARMACEUTICAL PREPARATION COMPRISING THE COMPOSITION AS ACTIVE INGREDIENT

|                                               |                    |                                                                                 |
|-----------------------------------------------|--------------------|---------------------------------------------------------------------------------|
| (51) International classification             | :A61K 31/065       | (71) <b>Name of Applicant :</b>                                                 |
| (31) Priority Document No                     | :2006-211385       | 1)AKIHISA Toshihiro<br>Address of Applicant :1-4 Zenpuku-ji 1-chome Suginami-ku |
| (32) Priority Date                            | :02/08/2006        | Tokyo 1670041 Japan Japan                                                       |
| (33) Name of priority country                 | :Japan             | 2)NAGAI Kazuo                                                                   |
| (86) International Application No             | :PCT/JP2007/065160 | (72) <b>Name of Inventor :</b>                                                  |
| Filing Date                                   | :02/08/2007        | 1)AKIHISA Toshihiro                                                             |
| (87) International Publication No             | :WO/2008/016244/A1 | 2)NAGAI Kazuo                                                                   |
| (61) Patent of Addition to Application Number | :NA                | 3)YONEZAWA Takayuki                                                             |
| Filing Date                                   | :NA                | 4)AKAZAWA Hiroyuki                                                              |
| (62) Divisional to Application Number         | :NA                | 5)CHA Byung-Yoon                                                                |
| Filing Date                                   | :NA                | 6)TERUYA Toshiaki                                                               |
|                                               |                    | 7)WOO Je-Tae                                                                    |
|                                               |                    | 8)OHTA Masato                                                                   |

(57) Abstract :

Disclosed are: a highly safe pharmaceutical composition for the prevention and/or treatment of a bone disease; and a pharmaceutical preparation, a health food or a functional food comprising the composition. An arylheptanoid compound represented by the formula (I) or an analogue thereof can be used as an active ingredient for the prevention and/or treatment of a bone disease. (I) wherein R1 and R5 independently represent a functional group selected from the group consisting of H, a C1-3 alkyl group, a monosaccharide and a disaccharide; and R2, R3 and R4 independently represent a functional group selected from the group consisting of H, OH, a C1-3 alkyl group, a monosaccharide and a disaccharide, provided that R5 may bind to a heptylene group in the other aryl group in a meta-position to form a ring.

No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2553/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF 2,3,6,3',4' -;PENTA-O-ACETYLSUCROSE

|                                               |           |                                                                                                                                            |
|-----------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07H1/00 | (71) <b>Name of Applicant :</b><br><b>1)ALEMBIC LIMITED</b><br>Address of Applicant :ALEMBIC CAMPUS, ALEMBIC ROAD, VADODARA. Gujarat 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)DEO KESHAV</b>                                                                                                                        |
| (87) International Publication No             | : NA      | <b>2)PRASAD ASHOK</b>                                                                                                                      |
| (61) Patent of Addition to Application Number | :NA       | <b>3)TOMER SANJIV</b>                                                                                                                      |
| Filing Date                                   | :NA       | <b>4)KULKARNI KEDAR</b>                                                                                                                    |
| (62) Divisional to Application Number         | :NA       | <b>5)BODKHE PRASHANT</b>                                                                                                                   |
| Filing Date                                   | :NA       |                                                                                                                                            |

(57) Abstract :

The present invention relates to an improved process for the preparation of 2, 3, 6, 3', 4' -penta-o-acetylsucrose(6-PAS) (V) and sucralose.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2554/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF 2,3,6,3',4'-PENTA-O-ACETYLSUCROSE

|                                               |           |                                                                                                                                            |
|-----------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07H1/00 | (71) <b>Name of Applicant :</b><br><b>1)ALEMBIC LIMITED</b><br>Address of Applicant :ALEMBIC CAMPUS, ALEMBIC ROAD, VADODARA. Gujarat 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)DEO KESHAV</b>                                                                                                                        |
| (87) International Publication No             | : NA      | <b>2)PRASAD ASHOK</b>                                                                                                                      |
| (61) Patent of Addition to Application Number | :NA       | <b>3)ARORA SUNIL</b>                                                                                                                       |
| Filing Date                                   | :NA       | <b>4)TOMER SANJIV</b>                                                                                                                      |
| (62) Divisional to Application Number         | :NA       |                                                                                                                                            |
| Filing Date                                   | :NA       |                                                                                                                                            |

(57) Abstract :

The present invention relates to an improved process for the preparation of 2, 3, 6, 3', 4'-penta-o-acetylsucrose(6-PAS) (V) and sucralose (I).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2007

(21) Application No.2558/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : A SYSTEM FOR MAINTAINING INTERCOOLER AIR TEMPERATURE DURING ENGINE TESTING

|                                                              |            |
|--------------------------------------------------------------|------------|
| (51) International classification                            | :F28D15/00 |
| (31) Priority Document No                                    | :NA        |
| (32) Priority Date                                           | :NA        |
| (33) Name of priority country                                | :NA        |
| (86) International Application No<br>Filing Date             | :NA        |
| (87) International Publication No                            | : NA       |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA        |
| (62) Divisional to Application Number<br>Filing Date         | :NA        |

(71)Name of Applicant :

**1)GAWANDE AVINASH ANANDRAO**

Address of Applicant :29, SAMBHAI SOCITY, SENAPATI BAPAT ROAD PUNE Maharashtra India

(72)Name of Inventor :

**1)GAWANDE AVINASH ANANDRAO**

(57) Abstract :

The present invention relates to a system for maintaining intercooler temperature at desired temperature during engine testing. In particular the invention relates to a system that uses evaporative cooling heat exchange mode for maintaining desired temperature of air in the intercooler during engine testing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2007

(21) Application No.2571/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : A DEVICE TO STORE AND RETRIEVE PHOTONS

|                                               |                                  |                                                                                                            |
|-----------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C01G<br>49/06,<br>C01G<br>49/08 | (71)Name of Applicant :<br><b>1)BHAVNAGAR UNIVERSITY</b><br>Address of Applicant :BHAVNNAGAR Gujarat India |
| (31) Priority Document No                     | :NA                              | (72)Name of Inventor :                                                                                     |
| (32) Priority Date                            | :NA                              | <b>1)MEHTA RASBINDU VIRPRASAD</b>                                                                          |
| (33) Name of priority country                 | :NA                              | <b>2)UPADHYAY R. V.</b>                                                                                    |
| (86) International Application No             | :NA                              | <b>3)BHTNAGAR S.P.</b>                                                                                     |
| Filing Date                                   | :NA                              | <b>4)PATEL RAJESH</b>                                                                                      |
| (87) International Publication No             | : NA                             | <b>5)CHUDASAMA BHUPENRA</b>                                                                                |
| (61) Patent of Addition to Application Number | :NA                              | <b>6)DESAI HARSHAL B</b>                                                                                   |
| Filing Date                                   | :NA                              |                                                                                                            |
| (62) Divisional to Application Number         | :NA                              |                                                                                                            |
| Filing Date                                   | :NA                              |                                                                                                            |

(57) Abstract :

The present invention relates to a stable colloidal dispersion comprising micron sized magnetic spherical particles and nano magnetic particles. The micro particles are magnetite and nano magnetic particles are ferrite particles which are coated with defined surfactant to provide increased storage and release of incident photons. The present invention also relates to a magnetically tunable photonic dispersion device which comprises means for converging light on stable colloidal dispersion, a suitable container; and magnetic means to provide external magnetic field whose field direction is transverse to the propagation direction of incident light.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2522/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : SUBSTITUTED-2-AMINO-1H-PURIN-6-ONES AND SALTS THEREOF

|                                               |             |                                                                                                                                               |
|-----------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D233/00 | (71) <b>Name of Applicant :</b><br><b>1)WOCKHARDT LTD</b><br>Address of Applicant :D4-MIDC AREA, CHIKALTHANA,<br>AURANGABAD 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><br><b>1)GANGAKHEDKAR KIRAN KUMAR</b><br><b>2)DESHMUKH RAJENDRA DAGADU</b><br><b>3)RALLAPALLI SIVAKUMAR</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 invention provides substituted-2-amino-1H-purin-6-ones and salts thereof and process of preparation of the same. The invention further provides a pharmaceutical composition comprising substituted-2-amino-1H-purin-6-ones and salts thereof. In yet another aspect of the invention there is provided pharmaceutical composition of valacyclovir. In this disclosure, pharmaceutical composition of valacyclovir refers to a pharmaceutical composition of valacyclovir and salts thereof with a content of compound of formula II content of 1% or less.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2524/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : SUSTAINED RELEASE PHARMACEUTICAL COMPOSITION COMPRISING LAMOTRIGINE AND HYDROPHOBIC POLYMER

|                                               |                      |                                                                                                                                                  |
|-----------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K31/00,A61P25/00 | (71) <b>Name of Applicant :</b><br><b>1)WOCKHARDT LTD</b><br>Address of Applicant :D-4 MIDC AREA, CHIKHALTHANA,<br>AURANGABAD. 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)JAIN GIRISH KUMAR</b>                                                                                                                       |
| (87) International Publication No             | : NA                 | <b>2)KANDI CHANDRASHEKHAR</b>                                                                                                                    |
| (61) Patent of Addition to Application Number | :NA                  | <b>3)CHAUDHARI SHRIKANT SHASHIKANT</b>                                                                                                           |
| Filing Date                                   | :NA                  |                                                                                                                                                  |
| (62) Divisional to Application Number         | :NA                  |                                                                                                                                                  |
| Filing Date                                   | :NA                  |                                                                                                                                                  |

(57) Abstract :

A sustained release formulation of lamotrigine or salts thereof and methods of treatment and uses thereof. One of the embodiments of the present invention provides sustained release pharmaceutical composition comprising lamotrigine or salts thereof and a pharmaceutically acceptable hydrophobic polymer and the method of treatment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2525/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PHARMACEUTICAL COMPOSITION OF S-(-)-9-FLUORO-6,7-DIHYDRO-8-(4-HYDROXYPIPERIDIN-1-YL)-5-METHYL-1-OXO-1H, 5H-BENZO [I,J] QUINOLIZINE-2-CARBOXYLIC ACID ARGININE SALT

|                                                              |                 |                                                                                                                                                  |
|--------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :C07D<br>455/04 | (71) <b>Name of Applicant :</b><br><b>1)WOCKHARDT LTD</b><br>Address of Applicant :D-4 MIDC AREA, CHIKHALTHANA,<br>AURANGABAD. Maharashtra India |
| (31) Priority Document No                                    | :NA             |                                                                                                                                                  |
| (32) Priority Date                                           | :NA             |                                                                                                                                                  |
| (33) Name of priority country                                | :NA             |                                                                                                                                                  |
| (86) International Application No<br>Filing Date             | :NA             | (72) <b>Name of Inventor :</b><br><b>1)JAIN GIRISH KUMAR</b><br><b>2)K.MOHAN KUMAR</b>                                                           |
| (87) International Publication No                            | : NA            |                                                                                                                                                  |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA             |                                                                                                                                                  |
| (62) Divisional to Application Number<br>Filing Date         | :NA             |                                                                                                                                                  |

(57) Abstract :

The invention relates to pharmaceutical compositions as a solid dosage form comprising s-(-)-9-fluoro-6,7-dihydro-8-(4-hydroxypiperidin-1-yl)-5-methyl-1-oxo-1H,5H- benzo[I,j] quinolizine-2-carboxylic acid arginine salt or hydrates polymorphs thereof, as a therapeutically active ingredient together with a pharmaceutically acceptable excipient, diluent or carrier, or mixture, and to a method for manufacturing thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2526/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : 2-[[3,4-DIMETHOXY -2-PYRIDINYL)METHYL]SULFINYL]-SUBSTITUTED BENZIMIDAZOLES AND SALTS THEREOF

|                                                              |                 |                                                                                                                                                  |
|--------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :C07D<br>401/12 | (71) <b>Name of Applicant :</b><br><b>1)WOCKHARDT LTD</b><br>Address of Applicant :D-4 MIDC AREA, CHIKHALTHANA,<br>AURANGABAD. Maharashtra India |
| (31) Priority Document No                                    | :NA             |                                                                                                                                                  |
| (32) Priority Date                                           | :NA             |                                                                                                                                                  |
| (33) Name of priority country                                | :NA             |                                                                                                                                                  |
| (86) International Application No<br>Filing Date             | :NA             | (72) <b>Name of Inventor :</b><br><b>1)GANGAKHEDKAR KIRAN KUMAR</b><br><b>2)RALLAPALLI SIVAKUMAR</b><br><b>3)LABADE VILAS BHAUSAHEB</b>          |
| (87) International Publication No                            | : NA            |                                                                                                                                                  |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA             |                                                                                                                                                  |
| (62) Divisional to Application Number<br>Filing Date         | :NA             |                                                                                                                                                  |

(57) Abstract :

The invention provides 2-[[3,4-dimethoxy-2-pyridinyl) methyl]sulfinyl]-substituted benzimidazoles and salts thereof and process for isolation of the same. The invention further provides a pharmaceutical composition comprising 2-[[3,4-dimethoxy-2-pyridinyl)methyl]sulfinyl]-substituted benzimidazoles and salts thereof. The invention also provides a pharmaceutical composition of pantoprazole or salts thereof having 2-[[3,4-dimethoxy-2-pyridinyl)methyl]sulfinyl]-substituted benzimidazoles and salts thereof content of 0.5% or less.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2007

(21) Application No.2533/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : STABILIZED PHARMACEUTICAL COMPOSITIONS OF INTERFERON

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|                                               |            |                                                                                                                                               |
|-----------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K38/21 | (71) <b>Name of Applicant :</b><br><b>1)WOCKHARDT LTD</b><br>Address of Applicant :D4-MIDC AREA, CHIKALTHANA,<br>AURANGABAD 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)SAHIB MAHARAJ K.</b>                                                                                                                     |
| (87) International Publication No             | : NA       | <b>2)AMBULGE JEETENDRA KASHINATH</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 provides a stable pharmaceutical composition comprising interferon and trehalose.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2007

(21) Application No.2587/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : PROCESS FOR MANUFACTURING EPOXY FOAM

|                                               |                |                                                                                                                                                                                                          |
|-----------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C08G<br>59/00 | (71) <b>Name of Applicant :</b><br><b>1)ADITYA BIRLA CHEMICALS (THAILAND) LTD</b><br>Address of Applicant :888/167, 16TH FLOOR, MAHATUN PLAZA BUILDING, PLOENCHIT ROAD, LUMPINI, BANGKOK 10330. Thailand |
| (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)DUBEY PRADIP KUMAR</b>                                                                                                                                                                              |
| (87) International Publication No             | : NA           | <b>2)SONI MAHESH CHANDRA</b>                                                                                                                                                                             |
| (61) Patent of Addition to Application Number | :NA            | <b>3)DIXIT AMIT</b>                                                                                                                                                                                      |
| Filing Date                                   | :NA            | <b>4)LAKSANANGAM TATIYA</b>                                                                                                                                                                              |
| (62) Divisional to Application Number         | :NA            |                                                                                                                                                                                                          |
| Filing Date                                   | :NA            |                                                                                                                                                                                                          |

(57) Abstract :

A process for making epoxy resin foam blocks of varying density comprising mixing together (i) a foam resin comprising: a first epoxy resin, a foaming agent to the extent of 2% to 10% of the mass of the epoxy resin, a surfactant to the extent of 2% to 6% of the mass of the epoxy resin, a filler, a toughening agent and (ii) a curing agent comprising: a hardner and a second epoxy resin, the ratio of the foam resin to curing agent being in the range of about 100:20 to 100:25 by mass to form a reaction mixture; pouring the reaction mixture inside a mold maintained at a temperature in the range of 70° to 80°C and allowing the mixture to cure in the mold for 60 to 100 min.; allowing the mold to cool at a temperature in the range of 15° to 30°C and demolding to obtain a green block; and post-curing the green block in an air circulatory oven for 10 to 15 hrs to obtain a final hard foam block.

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2007

(21) Application No.2589/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : SAMI ROTARY INTERNAL COMBUSTION ENGINE

|                                               |               |                                                                                                                                                                    |
|-----------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F01C<br>1/00 | (71) <b>Name of Applicant :</b><br><b>1)MOHAMMAD ABDUL SAMI</b><br>Address of Applicant :SHIBIBI APARTMENTS, H.NO. 4,<br>CHAITANYA NAGAR, NANDED 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><br><b>1)MOHAMMAD ABDUL SAMI</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 :

This invention relates to Internal combustion Engine which contains rotary base(1) with mounted heads(3) in the outer case (18). The mounted head can be set at different angles between the sides 3(a) and 3(b)of mounted heads. This rotary base(1) is connected to crankshaft.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2007

(21) Application No.2591/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : QUAD BREAK MECHANISM FOR SWITCHING DEVICE

|                                               |               |                                                                                                                                                                           |
|-----------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H01H<br>9/30 | (71) <b>Name of Applicant :</b><br><b>1)LARSEN &amp; TOUBRO LIMITED</b><br>Address of Applicant :L&T HOUSE, BALLARD ESTATE,<br>P.O.BOX NO. 278, MUMBAI. Maharashtra 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 embodiments of the present invention provide a compact quad break mechanism for switching devices. The contact mechanism has a rotary contact which is coupled to a connecting link through a pivot. The connecting link is coupled to a knob through U-pin and to an operating lever which is lockably engaged to a locking lever. The operating lever is also connected to the knob through U-pin. The knob is moved to displace the connecting link to move the rotary contact to make and break electrical contacts at four locations to divide an arc into a series of low intensities to quench the arc quickly. The mechanism is also used to obtain 2 normally closed and 2 normally open contacts simultaneously.

No. of Pages : 26 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2007

(21) Application No.2592/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : SAFETY SHUTTER SYSTEM FOR ISOLATING LIVE PARTS IN SWITCHING DEVICES

|                                               |               |                                                                                                                                                                   |
|-----------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H01H<br>9/22 | (71)Name of Applicant :<br><b>1)LARSEN &amp; TOUBRO LIMITED</b><br>Address of Applicant :L&T HOUSE, BALLARD ESTATE,<br>P.O.BOX NO. 278, MUMBAI. Maharashtra India |
| (31) Priority Document No                     | :NA           |                                                                                                                                                                   |
| (32) Priority Date                            | :NA           |                                                                                                                                                                   |
| (33) Name of priority country                 | :NA           |                                                                                                                                                                   |
| (86) International Application No             | :NA           | (72)Name of Inventor :<br><b>1)VIRENDER SINGH BURA</b><br><b>2)SATBIR SINGH</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 embodiment of the invention provide an improved shutter assembly capable of covering an exterior section in such a manner that any gap through which internal terminals are exposed to the exterior is eliminated. The embodiments of present invention also provide a method to deal with wrong insertion of cables in switching devices. The system consists of a terminal, terminal screw and shutter assembly. Terminal is characterized by two holes in which the hinges of safety shutter get fit. Safety shutter is characterized by two hinges for fitment with terminal. The purpose of this shutter is to give isolation from live terminal. Terminal screw is used for tightening the cable in the terminal. The assembly moves when terminal screw is tighten or loosen.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2007

(21) Application No.2593/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : INTEGRATED CONTACT INDICATION AND LABEL HOLDER

|                                               |                |                                                                                                                                                                           |
|-----------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H01H<br>71/04 | (71) <b>Name of Applicant :</b><br><b>1)LARSEN &amp; TOUBRO LIMITED</b><br>Address of Applicant :L&T HOUSE, BALLARD ESTATE,<br>P.O.BOX NO. 278, 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)VIRENDER SINGH BURA</b>                                                                                                                                              |
| (87) International Publication No             | : NA           | <b>2)SATBIR SINGH</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 provides an assembly of contact indication and label holder using the same component for switching devices to provide safety indications to the technicians or end users. In case of accidents or fire in electric wiring or appliances of a particular area or room user can easily identify which switch is needed to be switched “OFF. The assembly comprises of a tag and label holder. Tagging arrangement consists of an indication window for indication status of MCB i.e. ON/OFF and two hinges for holding label holder. The component also has two windows, which are intended for locking of label holder and groove for holding indicating paper. The user can write details on this indicating paper i.e. with which place it is connected and other details. The label holder has an inbuilt lens for giving contact indication a zooming effect for clear differentiation between red and green colour of indication flag.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2008

(21) Application No.2646/MUM/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : DEVICE FOR MONITORING AN UNDESIRED THREAD LAP FORMATION IN A TEXTILE MACHINE

(51) International classification

:B65H63/00

(31) Priority Document No

:102007062631.4

(32) Priority Date

:22/12/2007

(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)OERLIKON TEXTILE GMBH & CO KG**

Address of Applicant :LEVERKUSER STRASSE 65, D-42897 REMSCHEID, GERMANY. Germany

(72)Name of Inventor :

**1)ALEXANDER MARX**

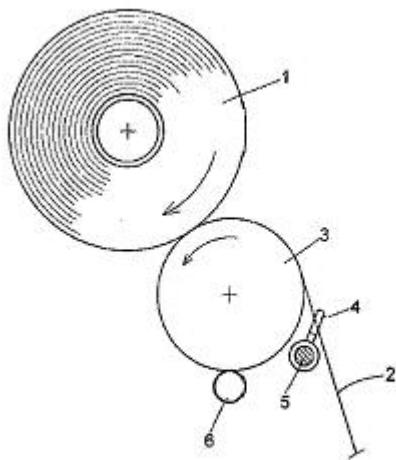
**2)MANFRED MUND**

**3)MICHAEL REIMANN**

**4)HANS GUENTER WEDERSHOVEN**

(57) Abstract :

Device for monitoring an undesired thread lap formation in a textile machine. The invention relates to a device for monitoring an undesired thread lap formation on a rotating roller {3, 16} in a textile machine, wherein to detect the thread lap, the enlargement of the diameter of the roller (3, 16) can be detected. According to the invention, a stationary limitation means (6, 18) is arranged close to the roller (3, 16) such that a thread lap causes a yarn jam between the roller (3, 16) and the limitation means (6, 18) and exerts a braking torque (MF) on the roller and in that the braking torque (MF) can be detected in order to detect a thread lap by means of a control unit (12, 25).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2007

(21) Application No.2574/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : EDUCATION SYSTEM TO STIMULATE HUMAN GENIUS

|                                                              |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                              |                | <p>(71)<b>Name of Applicant :</b><br/><b>1)SETU PARIKH</b><br/>Address of Applicant :F/16, JUHU APTS,OPP. SNDT<br/>UNIVERSITY, JUHU ROAD, JUHU, MUMBAI. Maharashtra<br/>India</p> <p>(72)<b>Name of Inventor :</b><br/><b>1)SETU PARIKH</b><br/><b>2)ROBIN FERNANDES</b><br/><b>3)GLENN FERNANDES</b><br/><b>4)CHARMAINE DAVID</b><br/><b>5)AASHISH DAVID</b><br/><b>6)MARIA FERNANDES</b><br/><b>7)APOORVA AGWAN</b><br/><b>8)PAVITHRA MURALI</b><br/><b>9)SARITA PARIKH</b><br/><b>10)SURABHI DHAR</b><br/><b>11)NANCY D'SOUZA</b><br/><b>12)LANALISA SEQUEIRA</b><br/><b>13)LEONARA BRAGANZA</b><br/><b>14)LYDIA DESAI</b></p> |
| (51) International classification                            | :G06F<br>17/60 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| (31) Priority Document No                                    | :NA            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| (32) Priority Date                                           | :NA            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| (33) Name of priority country                                | :NA            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| (86) International Application No<br>Filing Date             | :NA            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| (87) International Publication No                            | : NA           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

(57) Abstract :

This invention relates to the field of education; specifically to a new system of education, wherein every aspect is re-designed to stimulate human genius.

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2007

(21) Application No.2594/MUM/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : METHODS FOR CHARACTERISATION OF MAMMALIAN EMBRYONIC STEM CELLS BY MULTIPLEX PCR

|                                               |                    |                                                                                                                                                                                                                                |
|-----------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C12Q1/00,C12N5/08 | (71) <b>Name of Applicant :</b><br><b>1)RELIANCE LIFE SCIENCE PVT. LTD.</b><br>Address of Applicant :DHIRUBHAI AMBANI LIFE SCIENCES CENTRE, R-282, TTC AREA OF MIDC, THANE BELAPUR ROAD, RABALE, NAVI MUMBAI Maharashtra 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               | (72) <b>Name of Inventor :</b>                                                                                                                                                                                                 |
| (61) Patent of Addition to Application Number | :NA                | <b>1)MURALI KRISHNA</b>                                                                                                                                                                                                        |
| Filing Date                                   | :NA                | <b>2)RAJARSHI PAL</b>                                                                                                                                                                                                          |
| (62) Divisional to Application Number         | :NA                | <b>3)APARNA KHANNA</b>                                                                                                                                                                                                         |
| Filing Date                                   | :NA                |                                                                                                                                                                                                                                |

(57) Abstract :

The present invention relates to a rapid, cost effective, robust and sensitive method for routine testing of embryonic stem cells. The present invention in particular provides a simple inexpensive and definitive multisked semiquantitative multiplex RT\_PCR system for human ES cell characterization.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2007

(21) Application No.2595/MUM/2007 A

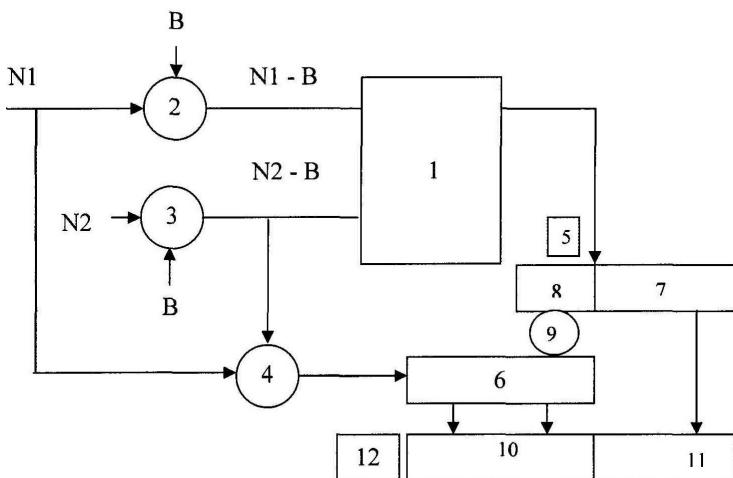
(43) Publication Date : 03/07/2009

(54) Title of the invention : NOVEL METHOD AND DEVICE WITH REDUCED BIT REQUIREMENT FOR MULTIPLICATION

|                                               |                    |                                               |
|-----------------------------------------------|--------------------|-----------------------------------------------|
| (51) International classification             | :G06F7/52,G06F7/48 | (71)Name of Applicant :                       |
| (31) Priority Document No                     | :NA                | <b>1)KPIN CUMMINS INFOSYSTEMS LTD</b>         |
| (32) Priority Date                            | :NA                | Address of Applicant :35 AND 36, RAJIV GANDHI |
| (33) Name of priority country                 | :NA                | INFOTECH PARK, PHASE 1, MIDC, HINJEWADI, PUNE |
| (86) International Application No             | :NA                | Maharashtra India                             |
| Filing Date                                   | :NA                | (72)Name of Inventor :                        |
| (87) International Publication No             | : NA               | <b>1)SAH SUDHAKAR</b>                         |
| (61) Patent of Addition to Application Number | :NA                | <b>2)YERUR PAVAN KUMAR R</b>                  |
| Filing Date                                   | :NA                |                                               |
| (62) Divisional to Application Number         | :NA                |                                               |
| Filing Date                                   | :NA                |                                               |

(57) Abstract :

Novel method and device with reduce bit requirement for multiplication methods and devices for enabling the multiplication of numbers with up to N bits using (N-1) bit multiplier. The method employs the selection of a base, 2(N-1) and subtracting the numbers from the base. The difference are multiplied in the (N-1) bit multiplier. The (N-1) carry of (N-1) bit multiplier products is added to the sum of the first number and the second difference to obtain the MSB of the final product with the V bit portion forming the LSB of the product. The device includes adders, subtractors and optionally, multiplexers in addition to the (N-1) bit multiplier to enable the multiplication of numbers with up to N bits.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2007

(21) Application No.2601/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : A PROCESS OF ENZYMATIC PREPARATION OF GAMMA-GLUTAMYL COMPOUND

|                                               |               |                                                                                                                                                                              |
|-----------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C12N<br>9/00 | (71) <b>Name of Applicant :</b><br><b>1)HINDUSTAN UNILEVER LIMITED</b><br>Address of Applicant :HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, MUMBAI Maharashtra 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 :

Disclosed is a process for the enzymatic preparation of gamma-glutamyl compound. The process comprises a step of contacting gamma-glutamyl donor and a gamma-glutamyl acceptor with an aqueous medium comprising a gamma glutamyl transpeptidase enzyme. The enzyme is derived from a plant belonging to the Graminaceae or Leguminaceae family, or from Camellia Sinensis.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/12/2008

(21) Application No.2634/MUM/2008 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : "METHOD FOR DETERMINING THE LOCATIONS OF AT LEAST TWO IMPACTS "

(51) International classification

:F41J5/06

(31) Priority Document No

:07291611.7

(32) Priority Date

:21/12/2007

(33) Name of priority country

:EPO

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)SENSITIVE OBJECT**

Address of Applicant :696 rue Yves Kermen Bat. B2 92100  
Boulogne Billancourt France France

(72)Name of Inventor :

**1)Remi DUHEILLE**

**2)Olivier SCHEVIN**

**3)Ros KIRI ING**

(57) Abstract :

The invention relates to a method for determining the locations of at least two impacts F1 and F2 on a surface using one or more sensors Si, i = 1 to n, with n being the number of sensors, said impacts F1 and F2 generating a signal being sensed by the one or more sensors, wherein each sensor provides a sensed signal si(t), i = 1 to n, with n being the number of sensors. To be able to determine simultaneous impacts of different amplitudes the method comprises the steps of: identifying the location x of one impact.

No. of Pages : 62 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/12/2008

(21) Application No.2636/MUM/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD FOR ASSEMBLING A COMPONENT

|                                               |               |
|-----------------------------------------------|---------------|
| (51) International classification             | :B23P21/00    |
| (31) Priority Document No                     | :102007062376 |
| (32) Priority Date                            | :22/12/2007   |
| (33) Name of priority country                 | :Germany      |
| (86) International Application No             | :NA           |
| Filing Date                                   | :NA           |
| (87) International Publication No             | :N/A          |
| (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)DIETZ AUTOMOTIVE GMBH & CO KG

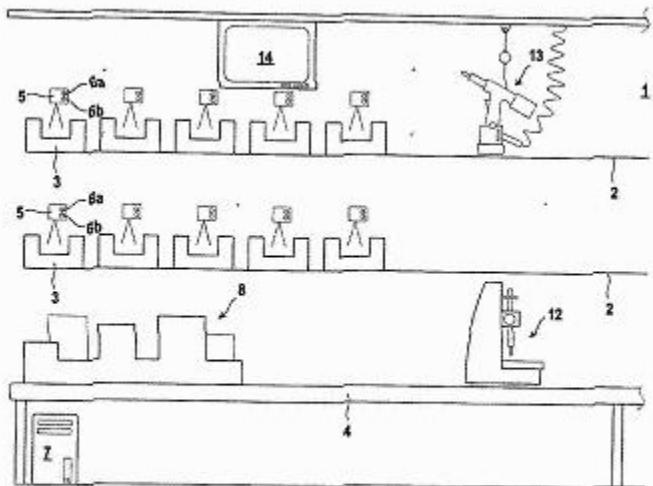
Address of Applicant :EISENBAHNSTR 67, 73265  
DETTINGEN/TECK, GERMANY. Germany

(72)Name of Inventor :

1)SCHWEIKLE JOACHIM

(57) Abstract :

The invention relates to a method for assembling a component said method comprising the following method steps: -Making available individual parts in separate containers (3), wherein each container (3) is assigned a control and display unit that comprises a display element as well as a sensor for controlling the removal of an individual part from the container (3); -Carrying out the assembly steps, wherein the individual part required for each assembly step is indicated by activating the display element on the respective container (3) and wherein the correct removal of the individual part from the container (3) is monitored with the aid of the control and display element; -Assembly of the component inside an assembly device (8), wherein the component is assembled inside the assembly device (8) during the individual assembly steps; -Wherein the assembly device (8) is provided with a sensor arrangement for monitoring whether the individual parts required for assembling the component are available.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2008

(21) Application No.2658/MUM/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : "METHOD FOR PREPARING A CATALYST COMPONENT FOR ETHYLENE POLYMERIZATION AND COPOLYMERIZATION"

|                                               |                   |                                                                                                                                                        |
|-----------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C08F4/632        | (71) <b>Name of Applicant :</b><br><b>1)SCG CHEMICALS CO. LTD.</b><br>Address of Applicant :1 Siam Cement Road Bangsue Bangkok 10800 Thailand Thailand |
| (31) Priority Document No                     | :TH<br>0701006626 |                                                                                                                                                        |
| (32) Priority Date                            | :21/12/2007       |                                                                                                                                                        |
| (33) Name of priority country                 | :Thailand         | (72) <b>Name of Inventor :</b>                                                                                                                         |
| (86) International Application No             | :NA               | <b>1)CHAROENCHAIDET Sumate</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 method for preparing a catalyst component for polymerization and copolymerization of ethylene. The method comprises a step of reacting a magnesium solution with a liquid titanium compound having at least one alkoxy group to form a slurry product. The method further comprises contacting the slurry product with a liquid titanium halide compound to produce a contact product, elevating temperature of the contact product to a temperature between and including 110°C and 130°C, and maintaining the contact product at this temperature until a solid catalyst component is formed. During elevation of the temperature of the contact product, an organosilicon compound having no active hydrogen is added to the contact product. The solid catalyst component is washed with a halogenated hydrocarbon solution.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2009

(21) Application No.401/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : A SYSTEM FOR SUBSTANTIALLY IMMEDIATE PAYMENT FOR SEARCH RELATED TASKS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G06Q 30/00        |
| (31) Priority Document No                     | :60/820,179        |
| (32) Priority Date                            | :24/07/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/074219 |
| Filing Date                                   | :24/10/2007        |
| (87) International Publication No             | :WO/2008/014259    |
|                                               | 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)CHACHA SEARCH INC.

Address of Applicant :1150 West 116th Street Carmel IN  
46032 United States of America U.S.A.

(72)Name of Inventor :

1)JONES Scott A.

(57) Abstract :

The embodiments discussed herein provide a search system where a searcher can perform searches and earn income in the form of cash or non-cash compensation based on completed searches or other search related tasks and an associated payment system, such as a bank, where the searcher can be substantially immediately paid the earned income. As the searcher completes searches, income is posted to an account of the searcher in the search system. Upon request by the searcher, using a graphical user interface where a payment amount can be specified, the earned income corresponding to the payment amount is substantially immediately transferred from a search system account in the payment system to a searcher's account in the payment system via an account credit request sent by the search system to the payment system. The searcher's account in the search system is debited for the amount of the payment. At the payment system, the searcher can use earned income for purchases, such as by making purchase with a debit card or withdrawing cash with the debit card at an ATM.

No. of Pages : 28 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2009

(21) Application No.402/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : METHOD, SYSTEM, AND COMPUTER READABLE STORAGE FOR PODCASTING AND VIDEO TRAINING IN AN INFORMATION SEARCH SYSTEM

|                                               |                       |
|-----------------------------------------------|-----------------------|
| (51) International classification             | :G06F 3/00            |
| (31) Priority Document No                     | :60/821,335           |
| (32) Priority Date                            | :03/08/2006           |
| (33) Name of priority country                 | :U.S.A.               |
| (86) International Application No             | :PCT/US2007/073919    |
| Filing Date                                   | :19/07/2007           |
| (87) International Publication No             | :WO/2008/014182<br>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)CHACHA SEARCH INC.**

Address of Applicant :1150 West 116th Street Carmel IN  
46032 United States of America U.S.A.

(72)**Name of Inventor :**

**1)JONES Scott A.**

**2)COOPER Thomas E.**

---

**(57) Abstract :**

A method and system for enhancing search skills of human guides in an information search system. The method allows human guides to be trained when they are not particularly busy fielding search queries from information seekers. The method can include determining whether a guide is idle and presenting to a human guide at least one video or audio source for training the human guide. The video training can include a demonstration of the most effective method for providing search results for an information search query, thereby enabling a guide to learn effective strategies and skills for conducting information searching. The training can contribute to the likelihood of the guide being promoted to a level of a more experienced human guide, thereby allowing greater effectiveness in fielding search queries for information seekers.

No. of Pages : 107 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2006

(21) Application No.421/MUM/2006 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SHADOW MASK FOR CATHODE RAY TUBE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H01J29/07         |
| (31) Priority Document No                     | :10-2005-0031393   |
| (32) Priority Date                            | :15/04/2005        |
| (33) Name of priority country                 | :Republic of Korea |
| (86) International Application No             | :NA                |
| Filing Date                                   | :NA                |
| (87) International Publication No             | : NA               |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(71)Name of Applicant :

1)SAMSUNG SDI CO, LTD

Address of Applicant :575 SHING-DONG YEONGTONG-GU SUWON-SI GYEONGGI-DO Republic of Korea

(72)Name of Inventor :

1)PYUN DO-HUN

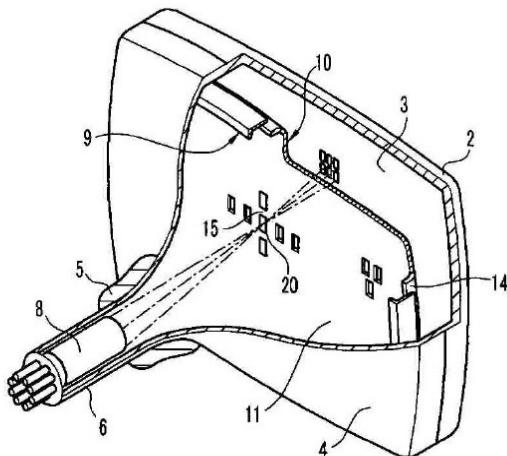
2)KIM CHAN-YONG

3)JEONG SOON-DONG

(57) Abstract :

A shadow mask for a Cathode Ray Tube (CRT) facilitates high resolution with enhanced impact resistance and minimized thickness. The shadow mask has an effective screen portion with a plurality of beam passage holes arranged in a predetermined pattern, and a non-holed portion surrounding the effective screen portion with no beam passage holes. The vertical pitch of the beam passage holes is in the range of 0.4-0.5mm, and the thickness of the shadow mask is in the range of 0.15-0.2mm.

FIG.1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2008

(21) Application No.2647/MUM/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : CROSS-WOUND BOBBIN FOR USE IN A DYE COLUMN AND DEVICE FOR PRODUCING A BOBBIN OF THIS TYPE

|                                                              |                 |
|--------------------------------------------------------------|-----------------|
| (51) International classification                            | :B65H54/08      |
| (31) Priority Document No                                    | :102007062632.2 |
| (32) Priority Date                                           | :22/12/2007     |
| (33) Name of priority country                                | :Germany        |
| (86) International Application No<br>Filing Date             | :NA<br>:NA      |
| (87) International Publication No                            | : NA            |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA      |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA      |

(71)**Name of Applicant :**

**1)OERLIKON TEXTILE GMBH & CO KG**

Address of Applicant :LEVERKUSER STRASSE 65, D-42897 REMSCHEID, GERMANY. Germany

(72)**Name of Inventor :**

**1)KLAUS KAMPHAUSEN**

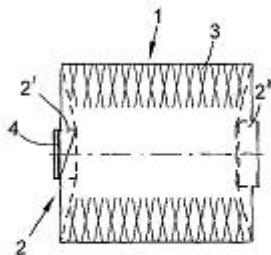
**2)HELMUT KOHLEN**

**3)CHRISTIAN POSPIECH**

**4)WOLF MICHAEL RUH**

(57) Abstract :

The invention relates to a bobbin (1) provided for dyeing, the threads of which wound in a cross-winding onto a bobbin tube (2) have a crossing angle that remains at least approximately the same over the bobbin diameter. The object of the invention is to provide a bobbin provided for the dyeing in a cross-winding, which is suitable for the formation of a dye column that is as homogeneous as possible without the use of spacers. For this purpose, the bobbin (1) has a width increasing from the bobbin tube (2) in the direction of the external diameter.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2648/MUM/2008 A

(19) INDIA

(22) Date of filing of Application :19/12/2008

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD FOR OPERATING A TEXTILE MACHINE

(51) International classification :D01H13/14  
(31) Priority Document No :102007062630.6  
(32) Priority Date :22/12/2007  
(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) OERLIKON TEXTILE GMBH & CO KG

Address of Applicant : LEVERKUSER STRASSE 65, D-42897 REMSCHEID, GERMANY. Germany

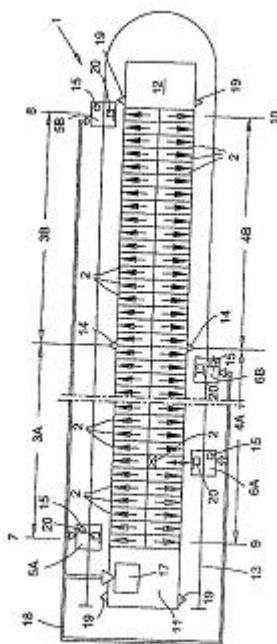
**(72) Name of Inventor :**

## 1)HEINZ DEMANDT

## **2)HEINZ DIETER GOEBBELS**

(57) Abstract :

The present invention relates to a method for operating a textile machine (1), which comprises a large number of workstations (2), which are maintained by at least one maintenance assembly (5A, 5B, 6A, 6B) which carries out at least one maintenance activity at a requesting workstation (2) that comprises at least one task, to carry out which the maintenance assembly (5A, 5B, 6A, 6B) is requested by the workstation (2) by means of a communication system (18, 20) of the textile machine (1) to carry out a maintenance activity, the practicability of the maintenance activity being detected to check the functionality of the maintenance assembly (5A, 5B, 6A, 6B), wherein on establishing a malfunction at the maintenance assembly (5A, 5B, 6A, 6B) which prevents the implementation of the maintenance activity or at least a part task of the maintenance activity, information is sent by means of the communication system (18, 20) of the textile machine (1) to all relevant workstations (2) about the presence of the malfunction.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2009

(21) Application No.47/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : BANK DEPOSIT METHOD

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G06Q 40/00        |
| (31) Priority Document No                     | :2,551,725         |
| (32) Priority Date                            | :06/07/2006        |
| (33) Name of priority country                 | :Canada            |
| (86) International Application No             | :PCT/CA2007/000400 |
| Filing Date                                   | :13/03/2007        |
| (87) International Publication No             | : WO/2008/003159   |
| (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)VALLANCE Richard**

Address of Applicant :500 Rosebank Road South Pickering Ontario L1W 2N5 Canada Canada

(72)**Name of Inventor :**

**1)VALLANCE Richard**

(57) Abstract :

According to the present invention, a business is issued a deposit card readable on a debit card reader enabling the business to transmit deposit information to its bank or financial institution for crediting rather than debiting of its account. More particularly, a method is provided for facilitating bank deposits for a business having a debit card reader configured to send deposit information to a bank at which the business maintains at least one account. The method comprises the steps of: (i) compiling deposit information concerning cash and negotiable instruments to be deposited in the account; (ii) transmitting the deposit information to the bank via the debit card reader; (iii) consolidating the cash and negotiable instruments into a deposit package; (iv) labelling the deposit package to link it to the deposit information in step (ii); and, (v) delivering the deposit package from step (iv) to the bank.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2009

(21) Application No.501/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : "IMPROVED DATA MESSAGING EFFICIENCY FOR AN ASSISTED WIRELESS POSITION DETERMINATION SYSTEM"

|                                                                 |                                   |
|-----------------------------------------------------------------|-----------------------------------|
| (51) International classification                               | :H04Q 7/38                        |
| (31) Priority Document No                                       | :10/854,981                       |
| (32) Priority Date                                              | :26/05/2004                       |
| (33) Name of priority country                                   | :U.S.A.                           |
| (86) International Application No<br>Filing Date                | :PCT/US2005/018916<br>:26/05/2005 |
| (87) International Publication No                               | :WO/2005/119287                   |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |
| (62) Divisional to Application Number<br>Filed on               | :1484/MUMNP/2006<br>:05/12/2006   |

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)ROWITCH Douglas N.**

**2)PATRICK Christopher**

(57) Abstract :

An assisted wireless position determination system includes a plurality of base stations and a plurality of wireless devices, such as mobile telephones and personal digital assistants, adapted to communicate with the base stations. The wireless position determination system also includes a position determination system for determining the geographic position of the wireless devices. The position determination system includes a position determination entity (PDE) that is connected to the base stations and serves as a processing server for computing the position of the wireless devices. The system and method reduces or eliminates redundant and superfluous data. In addition, the system and method ensure that the wireless device is not loaded with additional capacity, and that the wireless device is provided with precise location information. The embodiments of the system and method of the invention are compliant with the TIA/EIA IS-801 standard or other standards.

No. of Pages : 31 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2007

(21) Application No.2504/MUM/2007 A

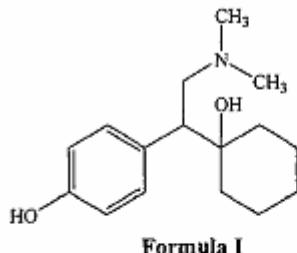
(43) Publication Date : 03/07/2009

(54) Title of the invention : NOVEL INTERMEDIATES, PROCESS FOR THEIR PREPARATION AND PROCESS FOR PREPARATION OF O - DESMETHYL VENLAFAXINE BY USING THE SAID NOVEL INTERMEDIATES

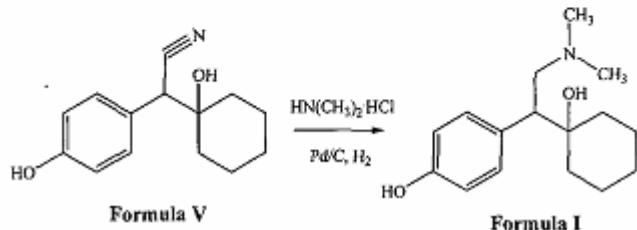
|                                                              |              |                                                                                                                      |
|--------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :C07C 213/00 | (71)Name of Applicant :                                                                                              |
| (31) Priority Document No                                    | :NA          | 1)CALYX CHEMICALS AND PHARMACEUTICALS LTD.                                                                           |
| (32) Priority Date                                           | :NA          | Address of Applicant :A-37/38, MIDC PHASE-I, GOLAVLI KALYAN-SHIL ROAD, DOMBIVLI (EAST), DIST-THANE Maharashtra India |
| (33) Name of priority country                                | :NA          | (72)Name of Inventor :                                                                                               |
| (86) International Application No<br>Filing Date             | :NA          | 1)LAL BANSI<br>2)GUND VITTHAL GENBAU<br>3)PANDIAN VIJAY KANNAN                                                       |
| (87) International Publication No                            | : NA         |                                                                                                                      |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA          |                                                                                                                      |
| (62) Divisional to Application Number<br>Filing Date         | :NA          |                                                                                                                      |

(57) Abstract :

The present invention relates to a novel process for the preparation of 4-(2-(dimethylamino)-1-(1-hydroxycyclohexyl) ethyl) phenol, commonly known as O-desmethylvenlafaxine of formula I and its pharmaceutically acceptable salts thereof. The present invention also relates to the novel process for the preparation of O-desmethylvenlafaxine of formula I and its pharmaceutically acceptable salts thereof. wherein, R is hydrogen, methoxyethoxymethyl (MEM), methoxymethyl (MOM), arylol, arylsulfonyl, tetrahydropyranly or substituted silyl.



Formula I



No. of Pages : 37 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/02/2009

(21) Application No.305/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : "METHOD OF RECORDING AND/OR REPRODUCING TEMPORARY DEFECT LIST, RECORDING AND/OR REPRODUCING APPARATUS, AND WRITE-ONCE RECORDING MEDIUM"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G11B 5/09         |
| (31) Priority Document No                     | :10-2003-0027542   |
| (32) Priority Date                            | :30/04/2003        |
| (33) Name of priority country                 | :Republic of Korea |
| (86) International Application No             | :PCT/KR2004/000986 |
| Filing Date                                   | :29/04/2004        |
| (87) International Publication No             | :WO/2004/097814    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :502/MUMNP/2005    |
| Filed on                                      | :27/05/2005        |

(71)**Name of Applicant :**

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Suwon-si Gyeonggi-do 442-742 Republic of Korea Republic of  
Korea

(72)**Name of Inventor :**

1)HWANG Sung-Hee

2)KO Jung-Wan

(57) Abstract :

A method of recording a temporary defect list on a write-once recording medium, a method of reproducing the temporary defect list, an apparatus for recording and/or reproducing the temporary defect list, and the write-once recording medium. The method of recording a temporary defect list for defect management on a write-once recording medium includes recording the temporary defect list, which is created while data is recorded on the write-once recording medium, in at least one cluster of the write-once recording medium, and verifying if a defect is generated in the at least one cluster. Then, the method includes re-recording data originally recorded in a defective cluster in another cluster, and recording pointer information, which indicates a location of the at least one cluster where the temporary defect list is recorded, on the write-once recording medium.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2009

(21) Application No.48/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : METHOD AND APPARATUS FOR MEASURING ACTIVITY IN THE PERIPHERAL NERVOUS SYSTEM

|                                               |                    |                                                             |
|-----------------------------------------------|--------------------|-------------------------------------------------------------|
| (51) International classification             | :A61B 5/04         | (71) <b>Name of Applicant :</b>                             |
| (31) Priority Document No                     | :0613698.0         | <b>1)IMPERIAL INNOVATIONS LIMITED</b>                       |
| (32) Priority Date                            | :10/07/2006        | Address of Applicant :Electrical and Electronic Engineering |
| (33) Name of priority country                 | :U.K.              | Building Lvl 12 Imperial College Exhibition Rd London SW7   |
| (86) International Application No             | :PCT/GB2007/002552 | 2AZ United Kingdom U.K.                                     |
| Filing Date                                   | :05/07/2007        | (72) <b>Name of Inventor :</b>                              |
| (87) International Publication No             | : WO/2008/007065   | <b>1)TRIANTIS Iasonas</b>                                   |
| (61) Patent of Addition to Application Number | :NA                | <b>2)TOUMAZOU Christofer</b>                                |
| Filing Date                                   | :NA                |                                                             |
| (62) Divisional to Application Number         | :NA                |                                                             |
| Filing Date                                   | :NA                |                                                             |

(57) Abstract :

A method and apparatus for measuring activity in the peripheral nervous system comprises a nerve cuff (40) having an array (62) of chemical detectors such as chemFETS or ISFETS. Activity within the nerve causes chemical responses which can be detected. The use of chemical rather than electrical detection minimises interference problems and allows the cuffs to be made smaller.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2009

(21) Application No.527/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : "DELIVERY OF INFORMATION OVER A COMMUNICATION CHANNEL"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04Q 7/30         |
| (31) Priority Document No                     | :60/571,673        |
| (32) Priority Date                            | :13/05/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/016837 |
| Filing Date                                   | :13/05/2005        |
| (87) International Publication No             | :WO/2005/114943    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :1502/MUMNP/2006   |
| Filed on                                      | :07/12/2006        |

(71)**Name of Applicant :**

**1)QUALCOMM INCORPORATED**

Address of Applicant :5775 Morehouse Drive San Diego California 92121-1714 United States of America U.S.A.

(72)**Name of Inventor :**

**1)GARUDADRI Harinath**

**2)SAGETONG Phoom**

**3)NANDA Sanjiv**

**4)LUNDBY Stein A.**

(57) Abstract :

Methods and apparatus are described for transmitting information units over a plurality of constant bit rate communication channel. The techniques include encoding the information units, thereby creating a plurality of data packets. The encoding is constrained such that the data packet sizes match physical layer packet sizes of the communication channel. The information units may include a variable bit rate data stream, multimedia data, video data, and audio data. The communication channels include CMDA channels, WCDMA, GSM channels, GPRS channels, and EDGE channels.

No. of Pages : 69 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/03/2009

(21) Application No.552/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : "METHOD OF ENCODING POLYPHONIC SIGNALS"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G10L 19/00        |
| (31) Priority Document No                     | :0303501-1         |
| (32) Priority Date                            | :19/12/2003        |
| (33) Name of priority country                 | :Sweden            |
| (86) International Application No             | :PCT/SE2004/001867 |
| Filing Date                                   | :15/12/2004        |
| (87) International Publication No             | :WO/2005/059899    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :5273/DELNP/2005   |
| Filed on                                      | :16/11/2005        |

(71)**Name of Applicant :**

**1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)**  
Address of Applicant :SE 164 83 Stockholm Sweden Sweden

(72)**Name of Inventor :**

**1)STEFAN BRUHN**  
**2)INGEMAR JOHANSSON**  
**3)ANISSE TALEB**  
**4)DANIEL ENSTROM**

(57) Abstract :

Polyphonic signals are used to create a main signal, typically a mono signal, and a side signal (Xside). A number of encoding schemes (81) for the side signal (Xside) are provided. Each encoding scheme (81) is characterised by a set of sub-frames (90) of different lengths. The total length of the sub-frames (90) corresponds to the length of the encoding frame (80) of the encoding scheme (81). The encoding scheme (81) to be used on the side signal (Xside) is selected dependent on the present signal content of the polyphonic signals. In a preferred embodiment, a side residual signal is created as the difference between the side signal and the main signal scaled with a balance factor. The balance factor is selected to minimise the side residual signal. The optimised side residual signal and the balance factor are encoded and provided as encoding parameters representing the side signal.

No. of Pages : 42 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/09/2007

(21) Application No.1714/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : INHIBITION OF HEPATITIS B VIRUS BY CYCLOHEXENONE COMPOUNDS FROM ANTRODIA COMPHORATA

|                                               |                      |                                                                                                                                                                                     |
|-----------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K38/00,A61P31/12 | (71) <b>Name of Applicant :</b><br><b>1)GOLDEN BIOTECHNOLOGY CORPORATION</b><br>Address of Applicant :15F, NO 27-6, SEC-2, JHONG-JHEN E. RD., DANSHUEI TOWNSHIP TAIPEI HSIEN Taiwan |
| (31) Priority Document No                     | :96124892            |                                                                                                                                                                                     |
| (32) Priority Date                            | :09/07/2007          |                                                                                                                                                                                     |
| (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                  |                                                                                                                                                                                     |

(57) Abstract :

The present invention relates to a compound of ANTRODIA COMPHORATA used to inhibit HBV, in particular to an extract, 4-hydroxy-2, 3-dimethoxy-6-methyl-methyl-5 (3,7,II-trimethyl-dodeca-2, 6,10-trieny; 1)-cyclohex-2enone which is isolated for Anthodia camphorata, and its use in inhibiting HBV effectively. The cyclohexenone compound according to the present invention showed cytotoxicity on HBV-secreting human hepatoma cell line Hep G2 2.2.15, decreases synthesis of HBV particular, further inhibited synthesis of HepAg and HbeAg effectively to achieve the goal of HBV inhibition. The present invention relates to a compound of Anthodia camphorata used to inhibit HBV, in particular to an extract, 4-hydroxy-2, 3-dimethoxy-6-methyl-methyl-5 (3,7,II-trimethyl-dodeca-2, 6,10-trieny; 1)-cyclohex-2enone which is isolated for Anthodia camphorata, and its use in inhibiting HBV effectively. The cyclohexenone compound according to the present invention showed cytotoxicity on HBV-secreting human hepatoma cell line Hep G2 2.2.15, decreases synthesis of HBV particular, further inhibited synthesis of HepAg and HbeAg effectively to achieve the goal of HBV inhibition.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2009

(21) Application No.65/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : "ELECTRONIC DOCUMENT VERSIONING METHOD AND UPDATED DOCUMENT SUPPLY METHOD USING VERSION NUMBER BASED ON XML"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G06F17/21         |
| (31) Priority Document No                     | :10-2002-0070576   |
| (32) Priority Date                            | :14/11/2002        |
| (33) Name of priority country                 | :Republic of Korea |
| (86) International Application No             | :PCT/KR2003/002349 |
| Filing Date                                   | :05/11/2003        |
| (87) International Publication No             | : WO/2004/045209   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :2013/DELNP/2005   |
| Filed on                                      | :11/05/2005        |

(71)**Name of Applicant :**

**1)LG ELECTRONICS INC.**

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(72)**Name of Inventor :**

**1)JEON Hye-Jeong**

**2)YOON Kyoung-Ro**

**3)KANG Bae-Geun**

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(57) Abstract :

Methods and apparatus for versioning an electronic document based on XML and methods and apparatus for providing an updated electronic document based on XML can use a version value. The electronic document being managed can use a syntax defining a structure of the structured electronic document. One method is characterized in that date information of when a content of the electronic document is changed is used as a version value.

No. of Pages : 45 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2009

(21) Application No.662/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : BALL JOINT

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :F16C 11/06        |
| (31) Priority Document No                     | :102006052254.0    |
| (32) Priority Date                            | :03/11/2006        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/DE2007/001616 |
| Filing Date                                   | :11/09/2007        |
| (87) International Publication No             | :WO2008/055454A1   |
| (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)ZF FRIEDRICHSHAFEN AG**

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(72)Name of Inventor :

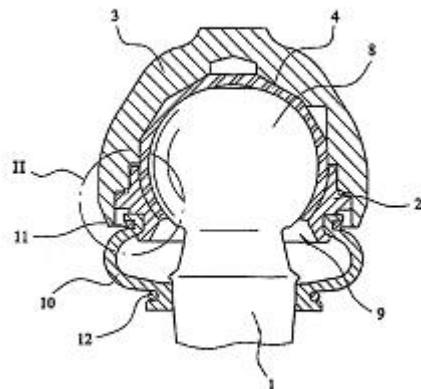
**1)BOHNE MANFRED**

**2)HEIDEMANN MANFRED**

**3)PRINS HANS**

(57) Abstract :

The invention relates to a balljoint for a motor vehicle comprising a joint pin (1), pivotably and rotatably mounted in a one- or multi-piece bearing shell (4) fixed in a housing (3) by means of a sealing ring (2) with a metallic deforming element (5) arranged between the sealing ring (2) and housing (3) in the assembled state of the balljoint. The invention is characterised in that the deformation element (5) which is shaped during the assembly of the balljoint is arranged on the housing (3) and/or on the sealing ring (2).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2007

(21) Application No.668/MUM/2007 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : ENERGY SAVING AND CAPACITY-ADJUSTABLE ELECTRIC WATER HEATER

(51) International classification

:F24H1/12;

F24H9/18;

(31) Priority Document No

:200610039352.3

(32) Priority Date

:07/04/2006

(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 :**

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210038. China

(72)**Name of Inventor :**

**1)ZHANG LIPING**

**2)QIU BU**

**3)WAN HUAXIN**

**4)JU PING**

(57) Abstract :

The present invention provides an energy-saving and capacity-adjustable electric water heater, the electric water heater comprises an inner container with a water inlet pipe and a water outlet pipe, and at least a heating element, wherein the water outlet pipe is made up of an outer pipe with an overflow outlet structure and an inner pipe which is inserted in the outer pipe; the inner pipe can move between at least an first position and an second position in relation to the outer pipe, and when the inner pipe is in the first position, an overflow outlet water height is higher than when the inner pipe is in the second position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2007

(21) Application No.696/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : ISOLATOR

|                                                              |                 |                                                                                                                                           |
|--------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :H01H33/16      | (71) <b>Name of Applicant :</b><br><b>1)HESS TRADING SR SPOL.S. R. O.</b><br>Address of Applicant :Pod Hajkom 46, 909 01 Skalica Slovakia |
| (31) Priority Document No                                    | :CZ2006-236     |                                                                                                                                           |
| (32) Priority Date                                           | :07/04/2006     |                                                                                                                                           |
| (33) Name of priority country                                | :Czech Republic | <b>2)WENZHOU JOVEAN &amp; ROGY ELECTRICAL HOLDING CO. LTD.</b>                                                                            |
| (86) International Application No<br>Filing Date             | :NA<br>:NA      | (72) <b>Name of Inventor :</b><br><b>1)ULEHLA IVAN</b>                                                                                    |
| (87) International Publication No                            | : NA            |                                                                                                                                           |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA      |                                                                                                                                           |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA      |                                                                                                                                           |

(57) Abstract :

The invention deals with a switch containing in its body a control lever installed in a turning way and a lever and draw-bar mechanism connected to the control lever, where the movable contact leaning in the closed position against the fixed contact and against a static stop in the opened position is connected to the lever and draw-bar mechanism and where the principles is that the lever and draw-bar mechanism (20) is designed in such a way that on the body of the control lever (1) a stabilization arm (11) is created to the end of which (111) one arm of a hairpin spring (21) is connected in a turning way while the other arm of the hairpin spring (21) is seated in the switch body in a turning way and at the same time on the axis (22), which is positioned eccentrically with regard to the axis of the pin (10) for the turning seating of the control lever (1), namely with a shift towards the controlled place of the movable contact (3), a supporting arm (23) that controls the movable contact (3) is installed, passing with a play through the gap (121) in the ring (12) created on the control lever (1) to the end of which (231) the first end (241) of the supporting draw-bar (24) is connected in a turning way with the use of an auxiliary bushing (232) whose other end (242) is seated in a turning and sliding way in the bushing (31) created on the supporting arm (30) of the movable contact (3), namely in the proximity of the contact body (32) of the movable contact (3) while between the bushing (31) on the supporting arm (30) of the movable contact (3) and the auxiliary bushing (232) of the turning connection of the supporting draw-bar (24) with the supporting arm (23) a pressing spring (240) is inserted.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2009

(21) Application No.44/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : LUNG CANCER DIAGNOSTIC ASSAY

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G01N33/53         |
| (31) Priority Document No                     | :60/806,778        |
| (32) Priority Date                            | :08/07/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/072943 |
| Filing Date                                   | :06/07/2007        |
| (87) International Publication No             | : WO/2008/008708   |
| (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)KHATTAR Nada H.**

**2)HIRSCHOWITZ Edward A.**

**3)ZHONG Li**

**4)STROMBERG Arnold J.**

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(57) Abstract :

A diagnostic assay for determining presence of lung cancer in a patient depends, in part, on ascertaining the presence of an antibody associated with lung cancer using random polypeptides. The assay predicted lung cancer prior to evidence of radiographically detectable cancer tissue.

No. of Pages : 43 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2007

(21) Application No.657/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : FLUIDIZED CATALYTIC CRACKING FEED NOZZLE

(51) International classification

:B05B1/00

(31) Priority Document No

:11/402,108

(32) Priority Date

:11/04/2006

(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)STONE & WEBSTER PROCESS TECHNOLOGY INC**

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HOUSTON,TEXAS 77077 U.S.A.

(72)Name of Inventor :

**1)NORMAN KOLB**

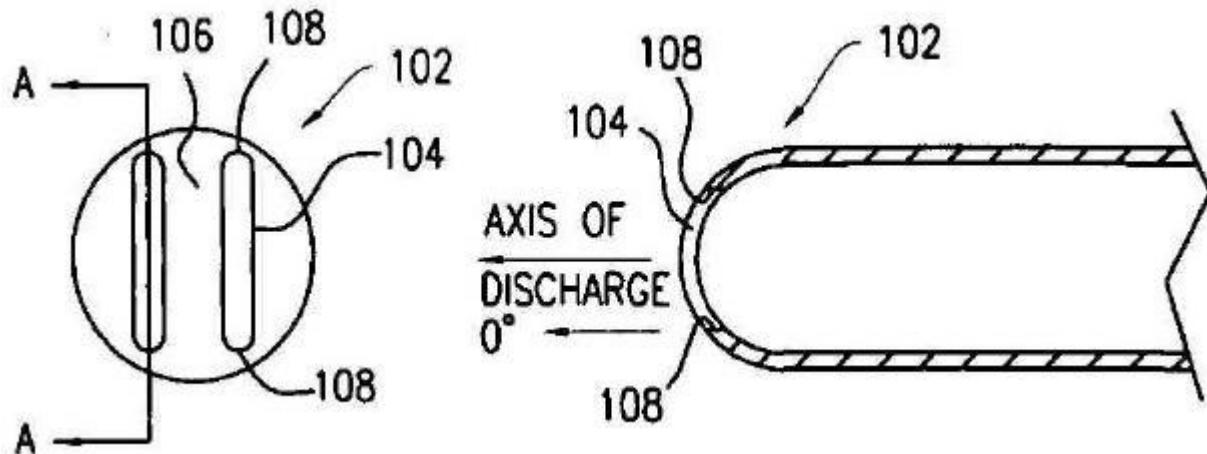
**2)ED YUAN**

**3)LOUIS ROBERT ANDERSON**

**4)GARY JACKSON**

(57) Abstract :

A nozzle for the atomized spray of liquid hydrocarbon feed in a fluidized catalytic cracking apparatus having two or more slots with at least one lateral slot wall formed at an angle of from about 30 to about 60 degrees from the axis of the discharge. Also a method of spraying atomized hydrocarbon feed/steam into a fluidized catalytic cracking reactor using the nozzle described.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2009

(21) Application No.721/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF 4-DIFLUOROMETHOXY-8-NITRO-1-FORMYL DIBENZO[B,D]FURAN-AN INTERMEDIATE FOR PDE IV INHIBITORS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D307/91        |
| (31) Priority Document No                     | :1963/MUM/2006     |
| (32) Priority Date                            | :29/11/2006        |
| (33) Name of priority country                 | :India             |
| (86) International Application No             | :PCT/IB2007/003698 |
| Filing Date                                   | :29/11/2007        |
| (87) International Publication No             | : WO/2008/065522   |
| (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)GLENMARK PHARMACEUTICALS S.A.

Address of Applicant :CHEMIN DE LA COMBETA 5, 2300 LA CHAUX-DE-FOUDS, SWITZERLAND. Switzerland

(72)Name of Inventor :

1)LAXMIKANT ATMARAM GHARAT

2)JITENDRA MAGANBHAI GAJERA

3)SANDIP DAMODAR PATIL

---

(57) Abstract :

The present invention relates to a process for preparing 4-difluoromethoxy-8- nitro-1-formyl dibenzo[b,d]furan, which is useful as an intermediate for preparing compounds with PDE4 inhibitory activity. The invention further provides a process for preparing a PDE4 inhibitor, such as oglemilast.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2009

(21) Application No.722/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SUPPLY CHAIN DISCOVERY SERVICES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G06Q 10/00        |
| (31) Priority Document No                     | :60/862,656        |
| (32) Priority Date                            | :24/10/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/CA2007/001894 |
| Filing Date                                   | :24/10/2007        |
| (87) International Publication No             | :WO2008/049219A1   |
| (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)AFILIAS LIMITED

Address of Applicant :OFFICE 107, 3013 LAKE DRIVE,  
CITY WEST, DUBLIN 24, IRELAND. Ireland

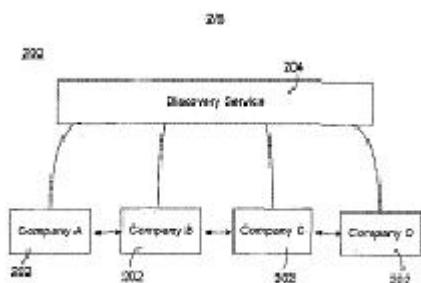
(72)Name of Inventor :

1)YOUNG MICHAEL

2)THOMPSON FRANK

(57) Abstract :

A discovery server is provided for tracking an object in a supply chain in accordance with a plurality of predefined events. The object is identifiable by an object identifier. The discovery server comprises the following elements. A communication interface is configured to communicate with each of a plurality of partners in the supply chain using a predefined protocol. A data store is configured to store events for the object, the events being received from the plurality of partners. Each event stored in the data store an object identifier, a life cycle step, a partner identifier and an timing identifier. Also, a processor is configured to search the data store in response to an inquiry regarding the object.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2009

(21) Application No.729/MUMNP/2009 A

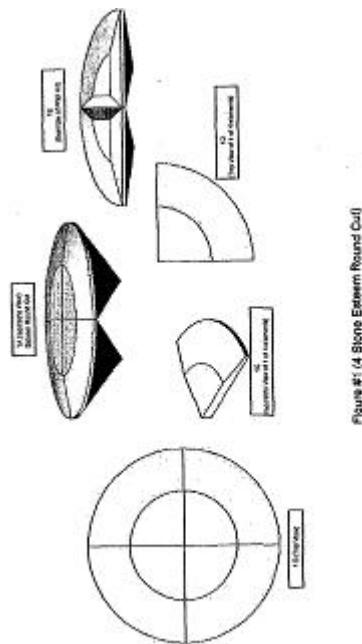
(43) Publication Date : 03/07/2009

(54) Title of the invention : VIRTUAL GEMSTONE CREATIONS FROM PLURALLITY OF STONES WITH HOMOGENOUS TABLE AND CULET

|                                               |                       |                                                                                                                                  |
|-----------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A44C17/00            | (71) <b>Name of Applicant :</b><br><b>1)MANDELL YEHOSHUA</b><br>Address of Applicant :BEN-SHETACH 19/21, ELAD,<br>ISRAEL. Israel |
| (31) Priority Document No                     | :NA                   |                                                                                                                                  |
| (32) Priority Date                            | :NA                   |                                                                                                                                  |
| (33) Name of priority country                 | :NA                   |                                                                                                                                  |
| (86) International Application No             | :PCT/IB2006/003182    | (72) <b>Name of Inventor :</b><br><b>1)MANDELL YEHOSHUA</b>                                                                      |
| Filing Date                                   | :02/11/2006           |                                                                                                                                  |
| (87) International Publication No             | :WO 2008/053267<br>A2 |                                                                                                                                  |
| (61) Patent of Addition to Application Number | :NA                   |                                                                                                                                  |
| Filing Date                                   | :NA                   |                                                                                                                                  |
| (62) Divisional to Application Number         | :NA                   |                                                                                                                                  |
| Filing Date                                   | :NA                   |                                                                                                                                  |

(57) Abstract :

The uniqueness of this invention is the duplication of an actual full cut diamond or other precious stones by assembling a plurality of stones cut with specific angles with a precision of 1 millionth of an inch and being assembled in a special setting so that the final jewelry piece has the look of one whole cut diamond or other precious stone. Another unique feature of the invention provides for the homogeneity of the stones table surface and appearing essentially invisible. The purpose of this invention was and is; to create the look and replication of a round brilliant or other various shape diamonds and other precious stones, in which the total carat weight used in the creation of the Virtual Diamond or other precious stones, is considerably less than what is now required to get the same shape and look of current methods utilized in cutting diamonds into their final shape for setting into a piece of jewelry. The embodiment of this invention is of a two fold nature; one, is the ability to utilize a plurality of smaller cut stones which for the same quality and clarity of larger stones, are far less expensive and therefore have a very significant commercial mass market appeal; Two, the actual look or size of the diamond or other precious stone creation will be several times the actual size of the carat weight of a conventionally cut whole stone. These Virtual Stone Creations with their included setting can then be mixed and matched to create a large verity of jewelry creations such as rings, earrings, necklaces, bracelets, pins, broaches, anklets, etc.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2009

(21) Application No.730/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : DEVICES AND METHODS FOR DETECTING B-HAEMATIN AND HAEMOZOIN

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G01N 33/487       |
| (31) Priority Document No                     | :0622450.5         |
| (32) Priority Date                            | :10/11/2006        |
| (33) Name of priority country                 | :U.K.              |
| (86) International Application No             | :PCT/GB2007/004300 |
| Filing Date                                   | :09/11/2007        |
| (87) International Publication No             | :WO2008/056171A2   |
| (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)UNIVERSITY OF EXETER

Address of Applicant :NORTHCOTE HOUSE, THE QUEEN'S DRIVE, EXETER EX4 4QJ, UNITED KINGDOM. U.K.

2)COVENTRY UNIVERSITY

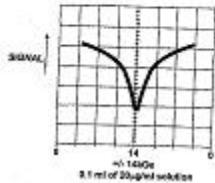
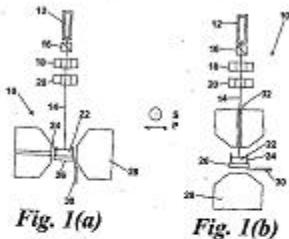
(72)Name of Inventor :

1)NEWMAN DAVID MICHAEL

2)HEPTINSTALL JOHN

(57) Abstract :

In the application, the change in the magnetic state of the haemoglobin caused by the malarial infection is exploited by detecting suitable properties of haemozoin which are dependent on the application of a magnetic field. Figure 1 shows apparatus, shown generally at (10), for performing magneto-optical detection using photo-acoustic techniques. The apparatus (10) comprises a light source (12), producing a beam of optical radiation (14) which passes through a polariser (16), a variable LC retarder (0 or 180° retardance) (18), and a (chopper 20), before impinging on a sample (22) held in a sample holder (24). The sample is in direct contact with an acoustic detector (26). The apparatus (10) further comprises an electromagnet (28), and a Gauss meter (30) can be utilised to measure the applied magnetic field strength. Advantages associated with this approach are the- possibility of making in vivo measurements, and the avoidance of problems of optical scattering associated with conventional optical measurements on turbid liquids such as whole blood.



No. of Pages : 46 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2009

(21) Application No.731/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : RENEWABLE BINDER FOR NONWOVEN MATERIALS

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C03C25/32         |
| (31) Priority Document No                     | :60/864,253        |
| (32) Priority Date                            | :03/11/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/IB2007/003307 |
| Filing Date                                   | :31/10/2007        |
| (87) International Publication No             | : WO/2008/053332   |
| (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)DYNEA OY

Address of Applicant :SILTASAARENKATU 18-20 A, FIN-00530 HELSINKI FINLAND. Finland

(72)Name of Inventor :

1)VAN HERWIJNEN HENDRIKUS W G

2)PISANOVA ELENA

3)STEFKE BARBARA

(57) Abstract :

A formaldehyde-free curable aqueous composition comprising an adduct of (a) carbohydrate polymer and (b) a multi-functional crosslinking agent such as a polybasic acid may be used as a binder for non-woven products such as fiberglass insulation.

No. of Pages : 29 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2009

(21) Application No.734/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : AUTOMATIC FOAM ELEMINATING MACHINE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C12M1/21          |
| (31) Priority Document No                     | :200610152773.7    |
| (32) Priority Date                            | :28/09/2006        |
| (33) Name of priority country                 | :China             |
| (86) International Application No             | :PCT/CN2007/002702 |
| Filing Date                                   | :12/09/2007        |
| (87) International Publication No             | :WO 2008/037177 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)LV, JIANJUN

Address of Applicant :A20, XINDE STREET, DESHENG TECHNOLOGY GARDEN, ZHONGGUANCUN, BEIJING-100088. Chinese Taipei

2)WANG, LIN

3)LV, BOYOU

(72)Name of Inventor :

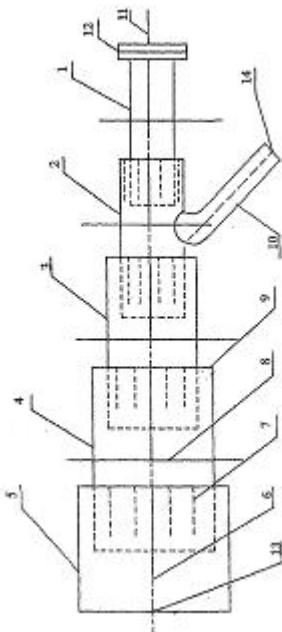
1)LV, JIANJUN

2)WANG LIN

3)LV BOYOU

(57) Abstract :

An automatic foam eliminating machine used in fermentation process includes five spouts of different sizes. The spouts connect to one another, forming a flared spraying cavity, the smallest port is an air intake, and the widest port is a discharge jet. Four annulate foam suction ports are formed among the five spouts, and an annulate outer edge is located around each annulate foam suction port. There is a rear sucking pipe located on the wall of a certain spout.



No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2007

(21) Application No.735/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : LASER DRIVER, METHOD FOR DRIVING LASER, AND RECORDING / READING EQUIPMENT

|                                                              |              |
|--------------------------------------------------------------|--------------|
| (51) International classification                            | :G11B7/00    |
| (31) Priority Document No                                    | :2006-122321 |
| (32) Priority Date                                           | :26/04/2006  |
| (33) Name of priority country                                | :Japan       |
| (86) International Application No<br>Filing Date             | :NA<br>:NA   |
| (87) International Publication No                            | :NA          |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA   |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA   |

(71)Name of Applicant :

1)MATSUSHITA ELECTRIC INDUSTRIAL CO.,LTD.

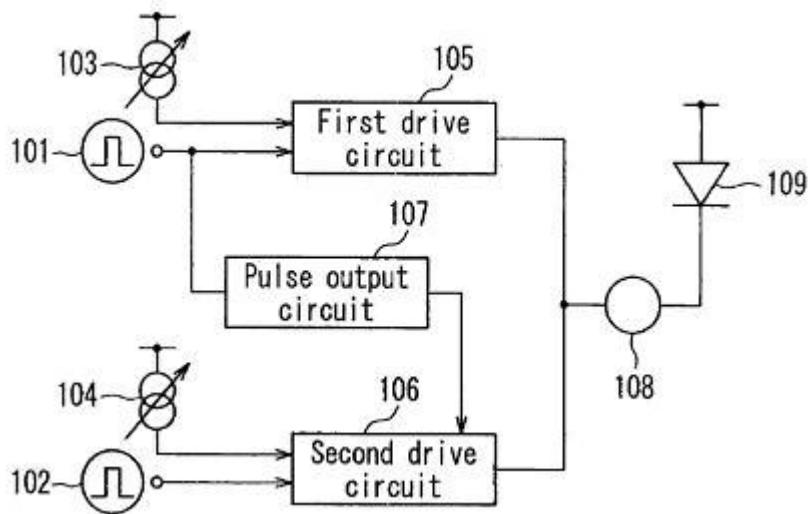
Address of Applicant :1006, Oaza Kadoma, Kadoma-shi,  
Osaka: 571-850, Japan

(72)Name of Inventor :

1)HARUHIKO MIZUNO

(57) Abstract :

The laser drive circuit of the present invention includes a first drive circuit 105 receiving an input of a current from a variable current source 103 and a first pulse control signal 101 and outputting a first drive current in synchronism with the first pulse control signal 101; a pulse output circuit 107 outputting a pulse signal in response to a falling edge of the first pulse control signal 101 and a second drive circuit 106 receiving an input of a current from a variable current source 104 and a second pulse control signal 102, generating a second drive current in synchronism with the second pulse control signal 102, and outputting a decreased current value of the second drive current at least in synchronism with the pulse signal. According to this configuration, the falling time of the pulse can be shortened regardless of the relationship between the lage of a laser connecting terminal and the power source voltage of a drive circuit or a ground voltage.



No. of Pages : 39 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2009

(21) Application No.735/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : METHOD OF CONTROLLING ELECTRON BEAM FOCUSING OF PIERCE-TYPE ELECTRON GUN AND CONTROL APPARATUS THEREFOR

|                                               |                    |                                                                                        |
|-----------------------------------------------|--------------------|----------------------------------------------------------------------------------------|
| (51) International classification             | :H01J 37/06        | (71) <b>Name of Applicant :</b>                                                        |
| (31) Priority Document No                     | :2006-287658       | <b>1)ULVAC INC</b>                                                                     |
| (32) Priority Date                            | :23/10/2006        | Address of Applicant :2500 HAGISONO, CHIGASAKI-SHI,<br>KANAGAWA 253-8543, JAPAN. Japan |
| (33) Name of priority country                 | :Japan             | (72) <b>Name of Inventor :</b>                                                         |
| (86) International Application No             | :PCT/JP2007/070352 | <b>1)ILJIMA EIICHI</b>                                                                 |
| Filing Date                                   | :18/10/2007        | <b>2)SHEN GUO HUA</b>                                                                  |
| (87) International Publication No             | :WO2008/050670A1   | <b>3)SATAKE TOHNU</b>                                                                  |
| (61) Patent of Addition to Application Number | :NA                |                                                                                        |
| Filing Date                                   | :NA                |                                                                                        |
| (62) Divisional to Application Number         | :NA                |                                                                                        |
| Filing Date                                   | :NA                |                                                                                        |

(57) Abstract :

In the control of the electron beam focusing of pierce type electron gun, any influences from the space charge effect and space charge neutralizing action within the electron gun are eliminated to thereby attain complete control of electron beams. Feedback control of the pressure within the electron gun is performed by directly measuring the internal temperature of the pierce type electron gun. Preferably, the internal temperature of the pierce type electron gun is directly measured at anode (39) and flow register (43). Further, the direct measurement can be performed at any of exhaust stack, aperture diaphragm and ring disposed at an exit or entrance of any of cathode chamber (31), intermediate chamber and oscillating chamber (33). Consequently, all of stabilization of beam producing area (optimized design of electron gun per se), stabilization of beam transport area and stabilization of beam use area have become appropriate.

No. of Pages : 47 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2009

(21) Application No.723/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : ANTI-IDIOTYPE CONJUGATE AND ITS USE AS A STANDARD IN AN IMMUNASSAY

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07K 16/42        |
| (31) Priority Document No                     | :06024133.8        |
| (32) Priority Date                            | :21/11/2006        |
| (33) Name of priority country                 | :EPO               |
| (86) International Application No             | :PCT/EP2007/009980 |
| Filing Date                                   | :19/11/2007        |
| (87) International Publication No             | :WO 2008/061684    |
|                                               | 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)F.HOFFMANN-LA ROCHE AG**

Address of Applicant :GRENZACHERSTRASSE 124, CH-4070 BASEL, SWITZERLAND. Switzerland

(72)Name of Inventor :

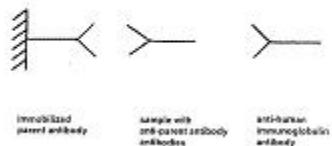
**1)STUBENRAUCH, KAY-GUNNAR**

**2)VOGEL, RUDOLF**

**3)WESSELS, UWE**

(57) Abstract :

Herein are reported a composition comprising a conjugate of an anti-idiotype antibody specifically binding to a CDR region of a parent antibody and a polyclonal human serum immunoglobulin of class E, G, M, or A, and the use of said composition as a standard in an immunoassay.



No. of Pages : 38 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2009

(21) Application No.738/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : STABILISER DEVICE WITH WHEEL GUIDE CONTROL ARM

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B60G7/00          |
| (31) Priority Document No                     | :102006054874.4    |
| (32) Priority Date                            | :20/11/2006        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/DE2007/001911 |
| Filing Date                                   | :25/10/2007        |
| (87) International Publication No             | :WO 2008/061488 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)ZF FRIEDRICHSHAFEN AG

Address of Applicant :88038 FRIEDRICHSHAFEN  
GERMANY. Germany

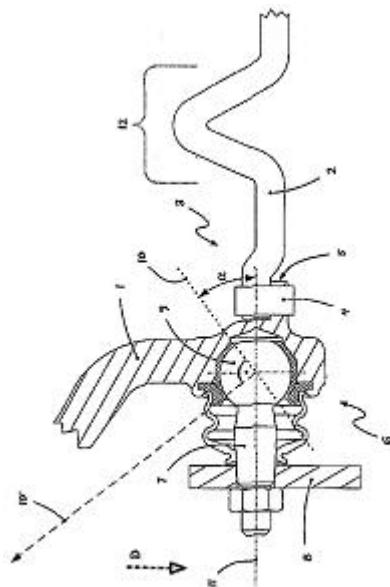
(72)Name of Inventor :

1)HOFMANN, PETER

2)BAEUMER, BENJAMIN

(57) Abstract :

The invention relates to a stabilizer device of an axle of a motor vehicle. The axle has a rolling stabilizer (2) and at least one wheel guide arm (1) for each wheel. The chassis-end coupling (6) of the wheel guide arm (1) is connected to the end region (3) of the rolling stabilizer (2) here in such a way that a twisting activation of the rolling stabilizer (2) takes place due to spring compression movement of the wheel guide arm (1). According to the invention, the stabilizer device is characterized in that the rolling stabilizer (2) is rigidly connected to the chassis-end region of the wheel guide arm (1). The stabilizer device according to the invention permits structurally simple and robust coupling of the wheel guide arm directly to the rolling stabilizer and to the vehicle chassis or axle carrier. In addition, simplifications are achieved in terms of the mounting of the stabilizer and the vehicle axle and improvements are achieved with respect to the required installation space and with respect to weight and costs.



No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2009

(21) Application No.742/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : CONTAINER

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B65D 5/54         |
| (31) Priority Document No                     | :EP06122736        |
| (32) Priority Date                            | :23/10/2006        |
| (33) Name of priority country                 | :EUROPEAN UNION    |
| (86) International Application No             | :PCT/EP2007/061232 |
| Filing Date                                   | :19/10/2007        |
| (87) International Publication No             | :WO 2008/049794    |
| 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)HINDUSTAN UNILEVER LIMITED**

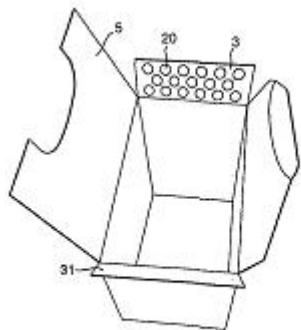
Address of Applicant :HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, MUMBAI-400 020, INDIA. Maharashtra India

(72)Name of Inventor :

**1)LEENAARS LONNEKE**

(57) Abstract :

A package containing a product, the package comprising closure members which are initially adhered to each other to close the package, the closure members including: (i) a first closure member comprising a fluted layer enclosed between an inner sheet and an outer sheet and adhered at flute peaks to said sheets, and (ii) a second closure member comprising at least one sheet, first and second closure members being superposed with adjacent respective sheets adhered to each other, wherein the first closure member incorporates one or more cuts which extend in depth through the outer sheet and the fluted layer whereby the package is openable by tearing the closure members apart so that the adherence between the flute peaks of the first closure member are torn from the sheet of the second closure member and shaped portions of the second closure member remained in place adhered to the first closure member.



No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2009

(21) Application No.743/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PYRIDINE DERIVATIVES FOR THE TREATMENT OF METABOLIC DISORDERS RELATED TO INSULIN RESISTANCE OR HYPERGLYCEMIA

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D 213/75       |
| (31) Priority Document No                     | :60/846,194        |
| (32) Priority Date                            | :21/09/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/IB2007/053811 |
| Filing Date                                   | :20/09/2007        |
| (87) International Publication No             | :WO 2008/035305    |
|                                               | 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)PIRAMAL LIFE SCIENCES LIMITED

Address of Applicant :PIRAMAL TOWER, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI — 400 013, MAHARASHTRA. Maharashtra India

(72)Name of Inventor :

1)DEKA, NABAJYOTI

2)HARIHARAN, SIVARAMAKRISHNAN

3)BAJARE, SWAPNIL, RAMEH

4)MARITA, ROSALIND, ADAIKALASAMY

(57) Abstract :

The present invention provides novel compounds represented by the general formula (I): their stereoisomers, pharmaceutically acceptable salts and their pharmaceutically acceptable solvates thereof, which are useful in treating metabolic disorders related to insulin resistance or hyperglycemia. The invention also relates to a process for the manufacture of compounds of formula (I) and pharmaceutical compositions containing them.

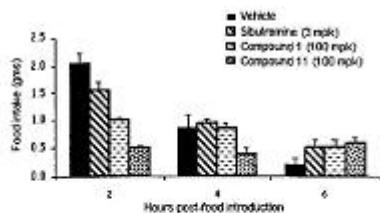


Figure 1

No. of Pages : 56 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2009

(21) Application No.747/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : BREAK AND EXCELATOR UNITY DEVICE

(51) International classification

:B60K 26/00

(31) Priority Document No

:10-2006-0103573

(32) Priority Date

:24/10/2006

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2007/005188

Filing Date

:23/10/2007

(87) International Publication No

:WO 2008/050982 A1

(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)MA, JI HYUN**

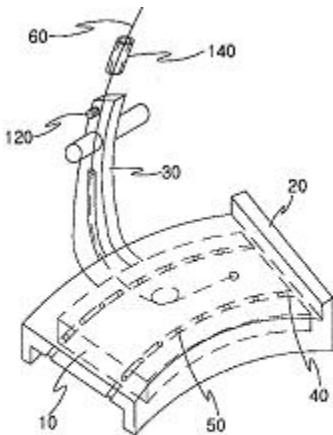
Address of Applicant :103-503 JAEIL APT, SOOSONG-DONG,GUNSAN , JEONBOOK 573-745, REPUBLIC OF KOREA. Republic of Korea

(72)Name of Inventor :

**1)MA, JI HYUN**

(57) Abstract :

The present invention relates to a brake and accelerator unity device, and more particularly, to a brake and accelerator unity device in that a brake pedal and an accelerator pedal of a car are combined into one pedal, so that the function of the brake and accelerator can be conducted at the same time. According to the brake and accelerator unity device, the brake pedal and the ac celerator pedal of the car are combined into one pedal, so that the function of the brake and accelerator can be conducted at the same time, whereby it can prevent the accelerator pedal from being hit in emergencies, the driver fatigue such as an ankle spasm and so forth generated by frequent movement between the brake pedal and accelerator pedal can be decreased during traffic jams or long-distance operation, and a jckrabbit start accident can be prevented through the combination of the brake and accelerator.



No. of Pages : 16 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2009

(21) Application No.739/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SEPARATED GRAY METAL AND TITANIUM NITRIDE SOLAR CONTROL MEMBERS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G02B 5/20         |
| (31) Priority Document No                     | :11/524,992        |
| (32) Priority Date                            | :21/09/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/020371 |
| Filing Date                                   | :20/09/2007        |
| (87) International Publication No             | :WO 2008/036358 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)SOUTHWALL TECHNOLOGIES, INC.

Address of Applicant :3788 FABIAN WAY, PALO ALTO, CALIFORNIA 94303 U.S.A. U.S.A.

2)NOVOMATRIX PTE LTD.

(72)Name of Inventor :

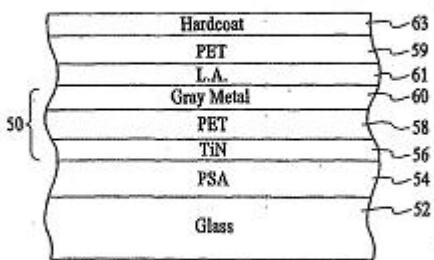
1)YEO, BOON, KHEE

2)DAI, YISHENG

3)WESTRA, SICCO, W.T.

(57) Abstract :

A solar control member (50; 62; 70; and 90) for determining solar control for a window (52) includes an optically massive layer (58; 66; and 80) between a gray metal layer (60; 64; 76; and 86) and a titanium nitride layer (56; 68; 78; and 88). The optically massive layer has sufficient thickness to retard or prevent constructive and destructive interference of reflected light. The optically massive layer may be an adhesive, but also may be one or more polymeric substrates. The gray metal layer is preferably nickel chromium, but other gray metal materials provide superior results as compared to the prior art. Also in the preferred embodiment, the titanium nitride layer is closer to the window (e.g., glass) than the gray metal layer.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2009

(21) Application No.740/MUMNP/2009 A

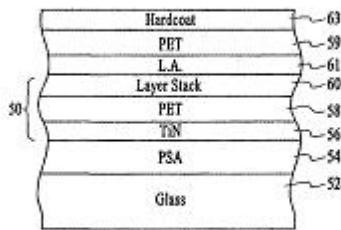
(43) Publication Date : 03/07/2009

(54) Title of the invention : SEPARATED FUNCTIONAL LAYER STACK AND TITANIUM NITRIDE LAYER FOR ACHIEVING SOLAR CONTROL

|                                               |                    |                                                                                   |
|-----------------------------------------------|--------------------|-----------------------------------------------------------------------------------|
| (51) International classification             | :G02B 1/10         | (71) <b>Name of Applicant :</b>                                                   |
| (31) Priority Document No                     | :11/524,993        | <b>1)SOUTHWALL TECHNOLOGIES, INC.</b>                                             |
| (32) Priority Date                            | :21/09/2006        | Address of Applicant :3788 FABIAN WAY, PALO ALTO, CALIFORNIA 94303, U.S.A. U.S.A. |
| (33) Name of priority country                 | :U.S.A.            | <b>2)NOVOMATRIX PTE LTD.</b>                                                      |
| (86) International Application No             | :PCT/US2007/020384 | (72) <b>Name of Inventor :</b>                                                    |
| Filing Date                                   | :20/09/2007        | <b>1)DAI, YISHENG</b>                                                             |
| (87) International Publication No             | :WO 2008/036363 A2 | <b>2)YEO, BOON, KHEE</b>                                                          |
| (61) Patent of Addition to Application Number | :NA                | <b>3)WESTRA, SICCO, W.T.</b>                                                      |
| Filing Date                                   | :NA                |                                                                                   |
| (62) Divisional to Application Number         | :NA                |                                                                                   |
| Filing Date                                   | :NA                |                                                                                   |

(57) Abstract :

A solar control member (50; 62; 70; and 90) for determining solar control for a window (52) includes an optically massive layer (58; 66; and 80) between an optically functional layer stack (60; 64; 76; and 86) and a titanium nitride layer (56; 68; 78; and 88). The optically massive layer has sufficient thickness to retard or prevent constructive and destructive interference of reflected light. The optically massive layer may be an adhesive, but also may be one or more polymeric substrates. The layer stack may be a Fabry-Perot interference filter. Also in the preferred embodiment, the titanium nitride layer is closer to the window (e.g., glass) than the layer stack.



No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/04/2009

(21) Application No.741/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : HAIR TREATMENT COMPOSITIONS

|                                               |                    |                                                                                                  |
|-----------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K 8/49         | (71) <b>Name of Applicant :</b>                                                                  |
| (31) Priority Document No                     | :PCT/CN2006/002779 | <b>1)HINDUSTAN UNILEVER LIMITED</b>                                                              |
| (32) Priority Date                            | :19/10/2006        | Address of Applicant :HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, MUMBAI-400 020, INDIA. |
| (33) Name of priority country                 | :China             | Maharashtra India                                                                                |
| (86) International Application No             | :PCT/EP2007/060638 | (72) <b>Name of Inventor :</b>                                                                   |
| Filing Date                                   | :08/10/2007        | <b>1)CAO QUNHUA</b>                                                                              |
| (87) International Publication No             | :WO 2008/046753 A1 | <b>2)KHOSHDEL EZAT</b>                                                                           |
| (61) Patent of Addition to Application Number | :NA                | <b>3)MACKAY COLINE</b>                                                                           |
| Filing Date                                   | :NA                | <b>4)PLANT YVONNE CHRISTINE</b>                                                                  |
| (62) Divisional to Application Number         | :NA                | <b>5)SI XIANGGUO</b>                                                                             |
| Filing Date                                   | :NA                | <b>6)YANG MING</b>                                                                               |

(57) Abstract :

The composition is particularly suitable for the treatment of hair which is dry, damaged and/or prone to manageability problems. The invention claims a method of treating hair by applying to the hair a composition comprising from 0.001 to 20 wt% of the total composition of the group consisting of Cucurbitine, 2-piperazinecarboxylic acid, derivatives thereof or mixtures thereof.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2009

(21) Application No.758/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD FOR USING THREE GPS FREQUENCIES TO RESOLVE WHOLE CYCLE CARRIER-PHASE AMBIGUITIES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G01S 5/14         |
| (31) Priority Document No                     | :11/525,756        |
| (32) Priority Date                            | :22/09/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/020513 |
| Filing Date                                   | :21/09/2007        |
| (87) International Publication No             | :WO 2008/039383 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)NAVCOM TECHNOLOGY INC.

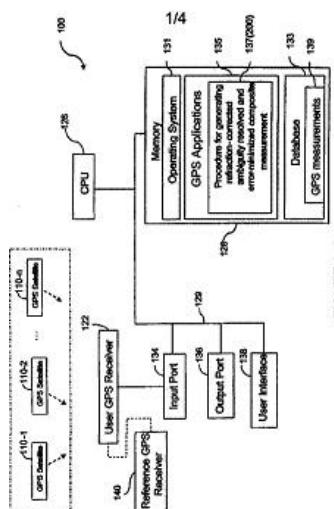
Address of Applicant :20780 MADRONA AVENUE,  
TORRANCE, CA 90503 U.S.A U.S.A.

(72)Name of Inventor :

1)HATCH, RONALD

(57) Abstract :

A new three-frequency technique for obtaining geometry free, refraction-corrected, ambiguity-resolved, carrier-phase measurements has been described. First, the ambiguities on at least two wide-lane carrier-phase measurement differences are obtained 210 by averaging the corresponding frequency weighted code measurements. These two ambiguity- resolved measurements are then combined into a composite refraction-corrected measurement 220. The resulting composite measurement is quite noisy due to the amplification of the multipath noise in the original carrier-phase measurements. But this noisy refraction-corrected carrier-phase measurement can be smoothed with another minimum-noise, refraction-corrected carrier-phase composite measurement. The minimum- noise, refraction-corrected composite measurement 230 is constructed from the primary carrier-phase measurements prior to resolving their whole-cycle ambiguities. By smoothing 240 the difference in the two refraction-corrected measurements, the noise can be reduced and the bias in the low-noise measurement (due to incorrect ambiguities) can be estimated and subsequently corrected.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2009

(21) Application No.764/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : 3-AMINO-PYRIDINE DERIVATIVES FOR THE TREATMENT OF METABOLIC DISORDERS

|                                               |                    |                                               |
|-----------------------------------------------|--------------------|-----------------------------------------------|
| (51) International classification             | :C07D 401/12       | (71) <b>Name of Applicant :</b>               |
| (31) Priority Document No                     | :60/846,194        | <b>1)PIRAMAL LIFE SCIENCES LIMITED</b>        |
| (32) Priority Date                            | :21/09/2006        | Address of Applicant :NICHOLAS PIRAMAL TOWER, |
| (33) Name of priority country                 | :U.S.A.            | GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI—    |
| (86) International Application No             | :PCT/IB2007/053812 | 400013, MAHARASHTRA. Maharashtra India        |
| Filing Date                                   | :20/09/2007        | (72) <b>Name of Inventor :</b>                |
| (87) International Publication No             | :WO 2008/035306    | <b>1)DEKA, NABA JYOTI</b>                     |
|                                               | A1                 | <b>2)PADIYA, KAMLESH, JYOTINDRA</b>           |
| (61) Patent of Addition to Application Number | :NA                | <b>3)BAJARE, SWAPNIL, RAMESH</b>              |
| Filing Date                                   | :NA                | <b>4)KULKARNI, RHUSHIKESH, ARUN</b>           |
| (62) Divisional to Application Number         | :NA                | <b>5)KHAN, TAJ, USMAN</b>                     |
| Filing Date                                   | :NA                | <b>6)HARIHARAN, SIVARAMAKRISHNAN</b>          |
|                                               |                    | <b>7)MARITA, ROSALIND, ADAIKALASAMY</b>       |

(57) Abstract :

The present invention provides novel compounds represented by the general formula (I): wherein Ar is a quinoline or isoquinoline moiety which is substituted or unsubstituted; B is -O-. -S-. or -NH-: R1 is hydrogen or S(O)2R4: R2 is S(O)2R4. C(O)OR5. or C(O)(CH2)n-C(O)OR6: R3 is halogen, cyano, C(O)OR7. or C(O)NR8R9: R4 is aryl: R5 is (C1-C6)alkyl or aryl: R6 is hydrogen. (C1-C4)alkyl. or aryl: R7 is hydrogen or (C1-C4)alkyl: R8 and R9 are independently hydrogen or (C1-C6)alkyl; n is an integer from 1-3: and a pharmaceutically acceptable salt or solvate thereof. their pharmaceutically acceptable salts and their pharmaceutically acceptable solvates thereof, which are useful in treating metabolic disorders related to insulin resistance or hyperglycemia. The invention also relates to a process for the manufacture of compounds of formula (I) and pharmaceutical compositions containing them.

No. of Pages : 65 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/04/2007

(21) Application No.755/MUM/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD OF SYNCHRONIZING MULTIPLE CONTENT DIRECTORY SERVICES, AND CONTENT DIRECTORY SERVICE DEVICES AND A SYSTEM THEREOF

|                                                              |             |
|--------------------------------------------------------------|-------------|
| (51) International classification                            | :H04L12/24  |
| (31) Priority Document No                                    | :60/793,713 |
| (32) Priority Date                                           | :21/04/2006 |
| (33) Name of priority country                                | :U.S.A.     |
| (86) International Application No<br>Filing Date             | :NA<br>:NA  |
| (87) International Publication No                            | :NA         |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA  |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA  |

(71)Name of Applicant :

1)SAMSUNG ELECTRONICS CO., LTD

Address of Applicant :416, MAETAN-DONG,  
YEONGTONG-GU, SUWON-SI GYEONGGI-DO 442-742

Republic of Korea

(72)Name of Inventor :

1)HAN, SE-HEE

2)OH SEUNG-JAE

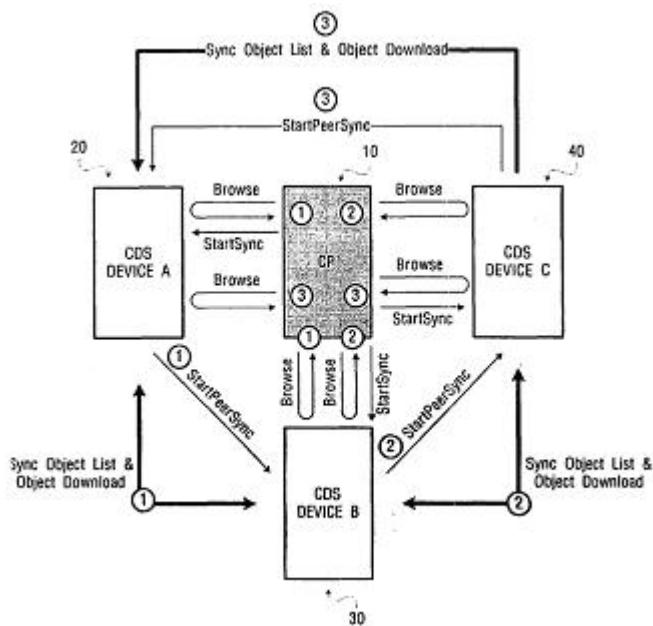
3)JUNG, DONG-SHIN

4)KWON, WON-SEOK

5)LEE, JOO-YEOL

(57) Abstract :

A method of synchronizing a plurality of content-directory service (CDS) devices is provided. The method includes retrieving and discovering N CDS devices in a home network by a control point (CP), transmitting a StartSync message that requests the start of synchronization to a certain CDS device of the N CDS devices by the CP, forwarding a StartPeerSync message that informs remaining N-1 CDS devices of the fact that synchronization will be started by the CDS device that has received the StartSync message, and synchronizing each of the N CDS devices with the remaining N-1 CDS devices, in a home network that includes N CDS devices that provide metadata of multimedia content existing in the home network, and the CP that receives metadata from the N CDS devices and requests the media renderer to replay the multimedia data.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2009

(21) Application No.757/MUMNP/2009 A

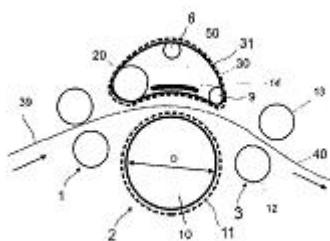
(43) Publication Date : 03/07/2009

(54) Title of the invention : DRAFTING ARRANGEMENT FOR A SPINNING MACHINE

|                                               |                    |                                                  |
|-----------------------------------------------|--------------------|--------------------------------------------------|
| (51) International classification             | :D01H 5/26         | (71)Name of Applicant :                          |
| (31) Priority Document No                     | :102006051875.6    | 1) <b>MASCHINENFABRIK RIETER AG</b>              |
| (32) Priority Date                            | :31/10/2006        | Address of Applicant :KLOSTERSTRASSE 20, CH-8406 |
| (33) Name of priority country                 | :Germany           | WINTERTHUR, SWITZERLAND. Switzerland             |
| (86) International Application No             | :PCT/CH2007/000435 | 2) <b>RIECHE ANDREAS</b>                         |
| Filing Date                                   | :03/09/2007        | 3) <b>MALINA LUDEK</b>                           |
| (87) International Publication No             | : WO/2008/052370   | (72)Name of Inventor :                           |
| (61) Patent of Addition to Application Number | :NA                | 1) <b>DIETRICH DANIEL</b>                        |
| Filing Date                                   | :NA                |                                                  |
| (62) Divisional to Application Number         | :NA                |                                                  |
| Filing Date                                   | :NA                |                                                  |

(57) Abstract :

The present invention relates to a drawing system for a spinning machine, having a large main draft bottom roll, which is configured such that any slippage between the large main draft bottom roller (10) and the upper apron arrangement (50) is prevented by means of a positive fit drive (12a, 22a, 22b, 32b). An additional apron (34) can be looped around the main draft bottom roll (10).



No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2009

(21) Application No.763/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : STAGED TRANSACTION SYSTEM FOR MOBILE COMMERCE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G06Q 20/00        |
| (31) Priority Document No                     | :11/536,563        |
| (32) Priority Date                            | :28/09/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/079973 |
| Filing Date                                   | :28/09/2007        |
| (87) International Publication No             | :WO 2008/040011 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)FIRSY DATA CORPORATION

Address of Applicant :6200 S. QUEBEC ST, SUITE 270,  
GREENWOOD VILLAGE, COLORADO 80111, U.S.A. U.S.A.

(72)Name of Inventor :

1)RAE, PETER

2)LOOMIS, NANCY

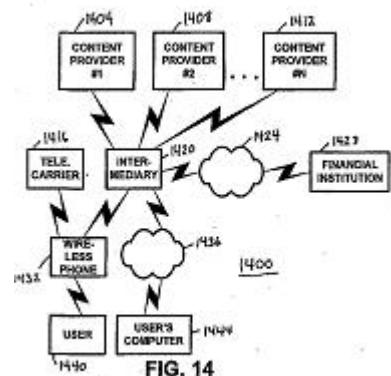
3)ALGIENE, KEN

4)HANSEN, KURT, L.

5)DIVELY, KEITH,W.

(57) Abstract :

Systems and methods for accepting payments for goods and services provided by a merchant, in one embodiment a method can be implemented by obtaining digital content; offering said digital content to a wireless telephone user; receiving payment information from said user for purchase of said digital content; processing said payment information so as to confirm payment for said digital content; and then downloading said digital content to said wireless telephone of said wireless telephone user. Optionally, the transaction may be staged by the consumer, or others.



No. of Pages : 62 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2009

(21) Application No.767/MUMNP/2009 A

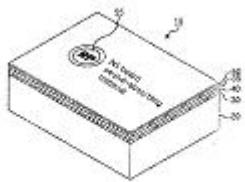
(43) Publication Date : 03/07/2009

(54) Title of the invention : COMPOSITE MATERIALS FOR ABSORBING SOUND MADE FROM POLYESTER OF HIGH DENSITY AND METHOD FOR PREPARATION THEREOF

|                                               |                    |                                                                                                                                    |
|-----------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B32B27/36         | (71) <b>Name of Applicant :</b>                                                                                                    |
| (31) Priority Document No                     | :20-2006-0028323   | <b>1)LEE, KYE JEONG</b>                                                                                                            |
| (32) Priority Date                            | :24/10/2006        | Address of Applicant :1-103, YEOMJU MANSION,<br>HWAJEONG 3- DONG, SEO-GU, GWANGIN 502-243,<br>REPUBLIC OF KOREA. Republic of Korea |
| (33) Name of priority country                 | :Republic of Korea |                                                                                                                                    |
| (86) International Application No             | :PCT/KP2007/005205 | (72) <b>Name of Inventor :</b>                                                                                                     |
| Filing Date                                   | :23/10/2007        | <b>1)LEE, KYE JEONG</b>                                                                                                            |
| (87) International Publication No             | :WO 2008/050994 A1 |                                                                                                                                    |
| (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 high-density sound-absorbing composite material made from polyester, wherein said sound-absorbing composite material is comprised of a porous sound-absorbing base material which is based on composite polyester fiber materials and having a density of from 150kg/D to 350kg/D and a synthetic resin sheet that is attached to one side of said base material. In addition, the present invention relates to an apparatus for producing a high-density sound-absorbing composite material made from polyester, wherein by using said apparatus, a synthetic resin sheet is adhered to said high-density and porous sound-absorbing base material which is based on composite polyester fiber materials, characterized in that said apparatus comprises the following means; (1) a means for inserting sound-absorbing base materials between on a flat working board and under the sheet while the revolution speed of a supporting roller on which said sheet is wound is being controlled, (2) a means for fixing both corners of said sheet by pulling them to make the sheet align with the edge of said sound-absorbing base material, and (3) a means for adhering said sheet tightly to said sound-absorbing base material by rotational motion of said roller. As a result, by blocking air flow through a wall face while maintaining porosity for soundproofing (sound-absorbing) effect of a sound-absorbing plate, an adsorption by dust, etc. can be prevented.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/03/2009

(21) Application No.531/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR THE ORAL OR RECTAL ADMINISTRATION OF PROTEIN SUBSTANCES

|                                               |                    |                                                                                          |
|-----------------------------------------------|--------------------|------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K 9/28         | (71) <b>Name of Applicant :</b>                                                          |
| (31) Priority Document No                     | :MI2006A001741     | <b>1)COSMO TECHNOLOGIES LTD.</b>                                                         |
| (32) Priority Date                            | :12/09/2006        | Address of Applicant :The Connolly Building 42-43 Amiens Street Dublin 1 Ireland Ireland |
| (33) Name of priority country                 | :Italy             | (72) <b>Name of Inventor :</b>                                                           |
| (86) International Application No             | :PCT/EP2007/059378 | <b>1)MORO Luigi</b>                                                                      |
| Filing Date                                   | :07/09/2007        | <b>2)VILLA Roberto</b>                                                                   |
| (87) International Publication No             | : WO/2008/031770   | <b>3)AJANI Mauro</b>                                                                     |
| (61) Patent of Addition to Application Number | :NA                |                                                                                          |
| Filing Date                                   | :NA                |                                                                                          |
| (62) Divisional to Application Number         | :NA                |                                                                                          |
| Filing Date                                   | :NA                |                                                                                          |

(57) Abstract :

Pharmaceutical compositions with differentiated, controlled and/or site-specific release are claimed for the oral or rectal administration of peptide or protein substances, including antibodies and soluble receptors capable of antagonising the pathogenetic role of several cell mediators such as interleukines, chemokines, growth factors, tissue necrosis factors, and interferons. Through the incorporation of the peptide or protein substance inside a controlled and/or site-specific release preparation, the application of this invention permits transporting the substances directly into the intestinal environment where a reduced quantity of proteolytic enzymes is present, a less aggressive microenvironment for the integrity of the protein structure and sequence.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2009

(21) Application No.776/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : COLD ROLLED MATERIAL MANUFACTURING EQUIPMENT AND COLD ROLLING METHOD

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B21B 1/22         |
| (31) Priority Document No                     | :NA                |
| (32) Priority Date                            | :NA                |
| (33) Name of priority country                 | :NA                |
| (86) International Application No             | :PCT/JP2006/323126 |
| Filing Date                                   | :20/11/2006        |
| (87) International Publication No             | :WO 2008/062506    |
| 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 :

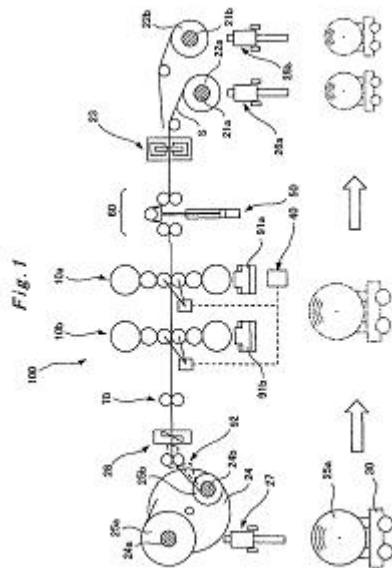
1)MITSUBISHI-HITACHI METALS MACHINERY, INC.  
Address of Applicant :34-6, SHIBA 5- CHOME, MINATO-KU, TOKYO 1080014, JAPAN. Japan

(72)Name of Inventor :

1)KAGA, SHINICHI  
2)ONOSE, MITSURU  
3)TOMINAGA, NORIAKI  
4)SAITO, TAKEHIKO  
5)YOSHIMURA, YASUTSUGU

(57) Abstract :

In a cold rolled material production equipment, a strip storage device (50) is provided. The strip storage device (50) is disposed between connection means (23) and rolling machines (10a, 10b). The connection means (23) connects the tail end of a preceding coil (25b), disposed on the exit-side of an unwinding device (21a) for unwinding a hot rolled coil after pickling, to the leading end of a following coil (22a) unwound from the unwinding device. The strip storage device (50) stores a strip S for continuously carrying out rolling by the rolling machines during the connection of the preceding coil to the following coil by the connection means. The rolling machines (10a, 10b) roll the preceding and following coils, in such a state that the tail end of a preceding coil (25b) has been connected to the leading end of a following coil (22a), unidirectionally in a continuous manner. The cold rolled material production equipment further comprises a strip cutting device (28) for cutting the strip into desired length, a winding device (24) for winding the rolled coil, transfer means (30) for transferring the coil extracted from the winding device to unwinding devices (21a, 21b) for repeatedly rolling the coil until the product sheet reaches a desired thickness, and a rolling speed control unit (40) for controlling the rolling speed during connection of the preceding coil to the following coil so that the rolling speed is lower than the steady rolling speed.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2009

(21) Application No.778/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : COLLAPSIBLE FURNITURE AND BRACES USEFUL THEREWITH

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A47B 43/00        |
| (31) Priority Document No                     | :11/586,356        |
| (32) Priority Date                            | :25/10/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/021691 |
| Filing Date                                   | :09/10/2007        |
| (87) International Publication No             | :WO 2008/051376 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)KOHLER CO.

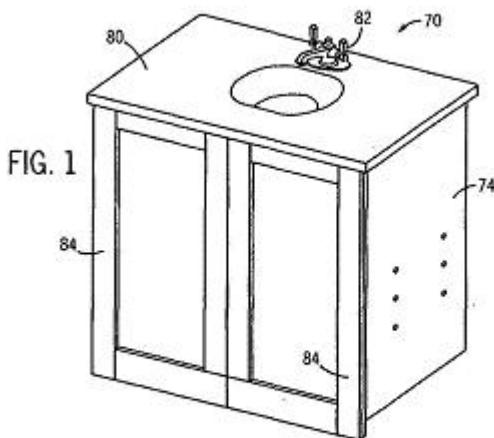
Address of Applicant :444 HIGHLAND DRIVE, KOHLER, WISCONSIN 53044, U.S.A. U.S.A.

(72)Name of Inventor :

1)LE TOURNEAU, ALEX, V.  
2)KOHLMAN, MICHAEL, S.  
3)TERRILL, MICHAEL (N.M.I.)  
4)KREBS, SCOTT,R.  
5)CAMPBELL, JOHN, C.  
6)KROENING, DAVID, J.

(57) Abstract :

Furniture such as bathroom vanities are suitable to be shipped in collapsed form and then readily assembled/erected at the installation site. A back wall (78) folds forwardly as bracing (76) along the front folds vertically in one form. There can be a multi-piece collapsible brace between opposed side walls with four pivot points.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/04/2009

(21) Application No.782/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF ALKYLBENZENE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07C 2/66         |
| (31) Priority Document No                     | :10/372,449        |
| (32) Priority Date                            | :25/02/2003        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2004/005540 |
| Filing Date                                   | :24/02/2004        |
| (87) International Publication No             | :WO 2004/076387 A2 |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :853/MUMNP/2005    |
| Filed on                                      | :05/08/2005        |

(71)Name of Applicant :

1)LUMMUS TECHNOLOGY INO

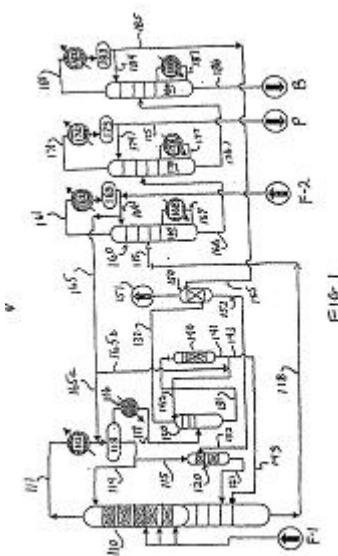
Address of Applicant :1515 BROAD STREET,  
BLOOMFIELD, NEW JERSEY 07003, U.S.A. U.S.A.

(72)Name of Inventor :

1)POHL, STEPHEN L.

(57) Abstract :

A process for the production of alkylbenzene includes the steps of introducing benzene and an olefin feed into a first alkylation reaction zone in the presence of a first alkylation catalyst under first alkylation reaction conditions to produce alkylbenzene and a vapor containing unconverted olefin; absorbing the unconverted olefin into an aromatic stream containing benzene and alkylbenzene; and, introducing the aromatic stream containing absorbed olefin into a second alkylation reaction zone containing a second alkylation catalyst under second alkylation reaction conditions to convert the absorbed olefin and at least some of the benzene of the aromatic stream to alkylbenzene. The process is particularly advantageous for the alkylation of benzene with ethylene to produce ethylbenzene. About 99.9 % conversion of ethylene is achieved overall, with a substantial reduction in the required catalyst.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2009

(21) Application No.773/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD OF ADJUSTING A ROLLER IN A ROTARY PRINTING PRESS

|                                                  |                                   |
|--------------------------------------------------|-----------------------------------|
| (51) International classification                | :B41F 5/18                        |
| (31) Priority Document No                        | :06022135.5                       |
| (32) Priority Date                               | :23/10/2006                       |
| (33) Name of priority country                    | :EPO                              |
| (86) International Application No<br>Filing Date | :PCT/EP2007/008456<br>:28/09/2007 |
| (87) International Publication No                | :WO 2008/049500<br>A2             |
| (61) Patent of Addition to Application<br>Number | :NA                               |
| Filing Date                                      | :NA                               |
| (62) Divisional to Application Number            | :NA                               |
| Filing Date                                      | :NA                               |

(71)Name of Applicant :

1)FISCHER & KRECKE GMBH

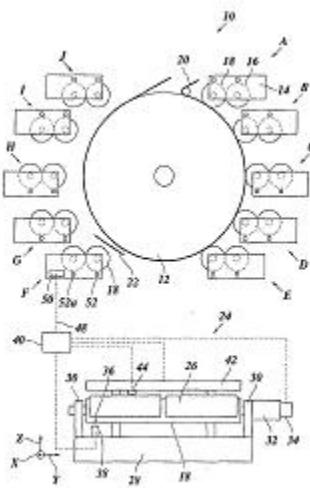
Address of Applicant :HAKENORT 47, 33609 BIELEFELD,  
GERMANY. Germany

(72)Name of Inventor :

1)WHITELAW, GORDON  
2)GRAUTHOFF, GEORG  
3)KUECKELMANN, ANDREAS

(57) Abstract :

The invention relates to a rotary printing press comprising a number of colour decks (A-J), at least one of which comprises a cylinder (16, 18), and an adjusting system for adjusting the position of the cylinder (16, 18) in relation to at least one other component (12) of said printing press. Said rotary printing press is characterised in that the at least one colour deck (F) comprises a control unit (50) that is configured to capture and process data relating to the cylinder, said data describing the topography of the surface of said specific cylinder and/or a spatial relationship between a printing pattern and a reference mark (36) embodied on the cylinder. The control unit (50) is configured such that the adjusting system can be controlled according to said adjusting data in order to optimally adjust the position of the cylinder for printing, producing little or no waste at all.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2009

(21) Application No.775/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD FOR PRODUCING PAPER COATING SOLUTION AND COATED PAPER COATED WITH THE PAPER COATING SOLUTION PRODUCED BY THE METHOD

|                                               |                    |                                                                                                |
|-----------------------------------------------|--------------------|------------------------------------------------------------------------------------------------|
| (51) International classification             | :C09D 201/00       | (71) <b>Name of Applicant :</b>                                                                |
| (31) Priority Document No                     | :2006-270908       | <b>1)OKUTAMA KOGYO CO., LTD</b>                                                                |
| (32) Priority Date                            | :02/10/2006        | Address of Applicant :18-2, AKEBONO-CHO 1-CHOME,<br>TACHIKAWA-SHI, TOKYO 1900012, JAPAN. Japan |
| (33) Name of priority country                 | :Japan             | (72) <b>Name of Inventor :</b>                                                                 |
| (86) International Application No             | :PCT/JP2007/069317 | <b>1)SHIMONO, KAZUHISA</b>                                                                     |
| Filing Date                                   | :02/10/2007        | <b>2)TAKANO, TATSUO</b>                                                                        |
| (87) International Publication No             | :WO 2008/041715    | <b>3)KAWAZU, TORU</b>                                                                          |
|                                               | A1                 |                                                                                                |
| (61) Patent of Addition to Application Number | :NA                |                                                                                                |
| Filing Date                                   | :NA                |                                                                                                |
| (62) Divisional to Application Number         | :NA                |                                                                                                |
| Filing Date                                   | :NA                |                                                                                                |

(57) Abstract :

A coating solution comprising: (A) an aragonite-type light calcium carbonate microparticle having an average major axis diameter of 1.0 to 2.8 &mgr;m and an average minor axis diameter of 0.15 to 0.3 &mgr;m, which is produced by diluting a calcium hydroxide slurry that has been treated by high-speed shearing until the slurry has a viscosity of 1000 cP or more at a concentration of 400 g/l to a concentration more than 50 g/l and then blowing carbon dioxide into the diluted slurry at a reaction starting temperature of 20 to 60°C and at a rate of 1 to 3 l/min per kg of calcium hydroxide; and (B) a pigment comprising a wet heavy calcium carbonate cake. The coating solution enables to provide a coated paper having an excellent degree of brilliance and an excellent degree of whiteness, despite containing no kaolin.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/04/2009

(21) Application No.785/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PORTABLE APPARATUS FOR IMPROVED SAMPLE ANALYSIS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G01N 33/53        |
| (31) Priority Document No                     | :60/863,241        |
| (32) Priority Date                            | :27/10/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/082499 |
| Filing Date                                   | :25/10/2007        |
| (87) International Publication No             | :WO 2008/057781 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)MONTECITO BIO-SCIENCES, LTD

Address of Applicant :521 TORO CANYON ROAD,  
MONTECITO, CALIFORNIA 93108 U.S.A. U.S.A.

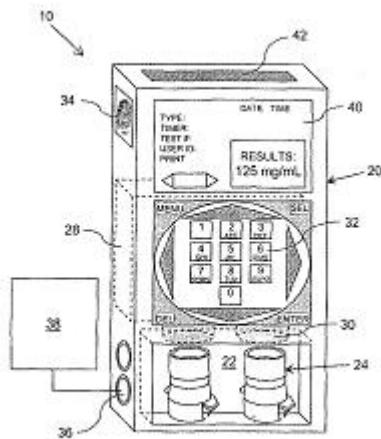
(72)Name of Inventor :

1)WITHROW, EDWARD, W.,III

2)GORLACH, JORN

(57) Abstract :

The present invention is an improved apparatus for sample analysis. The apparatus employs an assay component containing a membrane having one or a plurality of analyte - specific binding agents attached thereto, a means for absorbing liquid, and a piston means for drawing analytes through said membrane into said means for absorbing liquid. The apparatus is configured to be portable and provide a detector for detecting binding of an analyte to an analyte- specific binding agent, a plurality of data acquisition components, and a computer for integrating, analyzing and storing the detected analyte specific binding and acquired data.



No. of Pages : 25 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/04/2009

(21) Application No.787/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : BELTED ABSORBENT GARMENT AND METHOD

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61F 13/15        |
| (31) Priority Document No                     | :NA                |
| (32) Priority Date                            | :NA                |
| (33) Name of priority country                 | :NA                |
| (86) International Application No             | :PCT/SE2006/001087 |
| Filing Date                                   | :25/09/2006        |
| (87) International Publication No             | : WO/2008/039112   |
| (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)SCA HYGIENE PRODUCTS AB

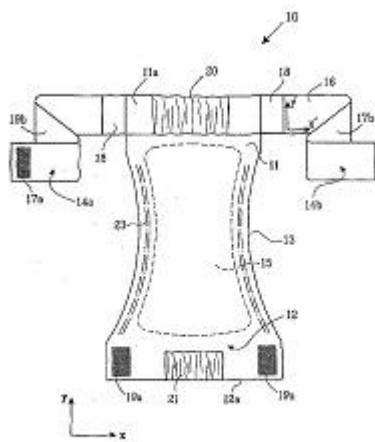
Address of Applicant :S-405 03 GOTEborg, SWEDEN.  
Sweden

(72)Name of Inventor :

1)BACK, LUCAS

(57) Abstract :

Absorbent garment (10), such as a diaper or an incontinence guard, said garment having a longitudinal (y) and a transverse direction (x) and comprising a first body panel (11), a second body panel (12) and a crotch portion (13) therebetween, each of said first and second body panels having a waist portion (11a, 12a). The absorbent garment (10) is further provided with belt sections (14a, 14b) attached to the waist portion (11a) of first body panel (11) and is adapted to be wrapped around the waist of the user of the absorbent garment (10) and fastened together by means of first fastening means (17). The second body panel (12) at its waist portion (12a) is provided with second fastening means (19) adapted to be fastened to at least one of the belt sections (14a, 14b) in such a way that the absorbent garment (10) will assume a pant-like shape. When tested on Cyclic Waist Expansion Test apparatus (25), as described herein, the absorbent garment (10) does not slip down more than 15 cm from its initial position on the Cyclic Waist Expansion Test apparatus (25) during at least ten expansion/contraction cycles of the Cyclic Waist Expansion Test and during at least 30 seconds after being subjected to at least ten expansion/contraction cycles of the Cyclic Waist Expansion Test.



No. of Pages : 46 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2009

(21) Application No.765/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD FOR IDENTIFYING COMPOUNDS THAT ACT AS INSULINSENSITIZERS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G01N 33/50        |
| (31) Priority Document No                     | :60/846,308        |
| (32) Priority Date                            | :21/09/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/IB2007/053817 |
| Filing Date                                   | :20/09/2007        |
| (87) International Publication No             | :WO 2008/035309    |
|                                               | 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)PIRAMAL LIFE SCIENCES LIMITED

Address of Applicant :PIRAMAL TOWER, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI 400 013, MAHARASHTRA, INDIA. Maharashtra India

(72)Name of Inventor :

1)MARITA, ROSALIND, ADAIKALASAMY

2)SHARMA, SOMESH

3)ANTHONY, JESSY

4)KELKAR, ADITYA

5)BHUMRA, SUJIT KAUR

6)GHATE, ADITEE

7)NEMMANI, KUMAR, VENKATA SUBRAHMANYA

8)DEKA, NABAJYOTI

9)GANGOPADHYAY, ASHOK KUMAR

(57) Abstract :

The present invention relates to a method for identifying compounds that act as insulin-sensitizers. The method can include screening of test compounds in two assays of insulin sensitivity. This method can identify lead compounds for the treatment of disorders caused by insulin resistance to glucose uptake. This invention also includes methods for treating insulin resistance and related disorders.

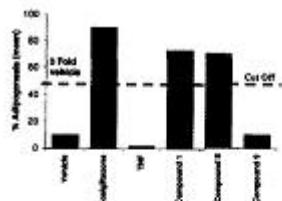
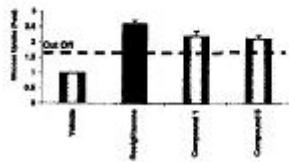


Figure 1



No. of Pages : 42 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2009

(21) Application No.766/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD AND PHARMACOLOGICAL COMPOSITION FOR THE DIAGNOSIS AND TREATMENT OF MALE SUB-FERTILITY

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K 45/06        |
| (31) Priority Document No                     | :60/852,402        |
| (32) Priority Date                            | :18/10/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/IL2007/001250 |
| Filing Date                                   | :18/10/2007        |
| (87) International Publication No             | :WO 2008/047364    |
|                                               | A3                 |
| (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)PERINESS LTD.

Address of Applicant :1 ORANOM STREET, RAMAT LLAN, 54052 GIVAT SHMUEL, ISRAEL. Israel

(72)Name of Inventor :

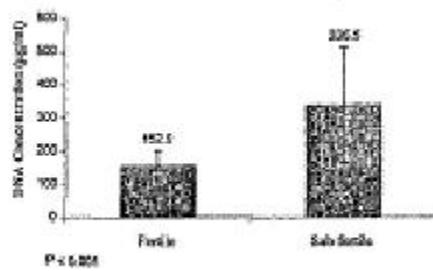
1)BARTOOV, BENJAMIN

2)YEHUDA, RONEN

3)DOBROSLAV, MELAMED

(57) Abstract :

The invention provides pharmaceutical compositions for treating male sub-fertility including an agent that causes a reduction in an effect of extracellular DNA on sperm cells. The agent may be, for example, an enzyme that degrades DNA such as DNase, a substance that blocks the interaction between cell free DNA and sperm cell surface receptors, a substance that binds to DNA, a substance that inhibits endogenous sperm cell DNase, a substance that inhibits a member of a signal transduction pathway mediated by DNA binding to sperm cell surface receptors, or an agent that stimulates production of an endogenous substance that causes a reduction in an antifertility effect of cell free DNA on sperm cells. The invention also provides methods for treating male sub-fertility comprising administering a pharmaceutical composition of the invention. The invention further provides methods for determining a fertility status in a male subject, methods for assisted reproduction, methods for selecting an assisted reproduction technique (ART), and methods for selecting sperm cells in a sperm cell population for use in an assisted reproduction technique.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/01/2009

(21) Application No.79/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : TIDAL FLOW HYDROELECTRIC TURBINE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :F03B13/10         |
| (31) Priority Document No                     | :06014701.4        |
| (32) Priority Date                            | :14/07/2006        |
| (33) Name of priority country                 | :EPO               |
| (86) International Application No             | :PCT/EP2007/006235 |
| Filing Date                                   | :13/07/2007        |
| (87) International Publication No             | : WO/2008/006602   |
| (61) Patent of Addition to Application Number | :NA<br>:NA         |
| Filing Date                                   |                    |
| (62) Divisional to Application Number         | :NA<br>:NA         |
| Filing Date                                   |                    |

(71)**Name of Applicant :**

**1)OPENHYDRO GROUP LIMITED**

Address of Applicant :66 Fitzwilliam Square Dublin 2  
Ireland Ireland

(72)**Name of Inventor :**

**1)WILLIAMS Herbert**

(57) Abstract :

A hydroelectric turbine for the production of electricity from tidal flow forces, the turbine having a rotor with an open center such that the blades (34) are mounted between an inner rim (32) and outer rim (33), wherein retaining members (22, 23) and anti-friction members (7, 72) are provided to limit movement of the rotor relative to the housing (21) in either axial direction, such that water flow (99) in either direction operates the turbine, but wherein the retaining members (22, 23) and the anti-friction members (71, 72) allow the rotor to shift in either axial direction in response to water flow. The anti-friction members limiting rotor travel in the axial direction are preferably of increased thickness, such that as the anti-friction members wear down, the rotor is able to shift relative to the housing in the axial direction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/04/2009

(21) Application No.793/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : TEXTILE MACHINE AND CONTACTLESS MEASURING METHOD

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :D01G 15/28        |
| (31) Priority Document No                     | :01811/06          |
| (32) Priority Date                            | :10/11/2006        |
| (33) Name of priority country                 | :Switzerland       |
| (86) International Application No             | :PCT/CH2007/000498 |
| Filing Date                                   | :08/10/2007        |
| (87) International Publication No             | : WO/2008/055367   |
| (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)MASCHINENFABRIK RIETER AG

Address of Applicant :KLOSTERSTRASSE 20, CH-8406  
WINTERTHUR, SWITZERLAND. Switzerland

2)RIBI CLAUDIO

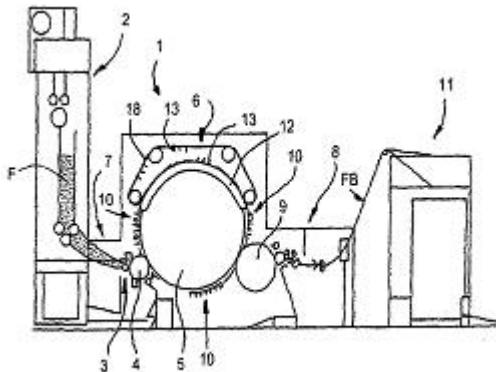
3)TOBLER MARTIN

(72)Name of Inventor :

1)MEDVETCHI EMIL

(57) Abstract :

The invention concerns a textile machine, in particular a spinning-preparatory machine, a device and a process for contactless measurement and/or adjustment of parameters between mutually opposite strips of card clothing (21, 25). The device comprises inter alia a voltage source (23) and a pulse generator (23a) for generating an alterable potential difference. The tips (22, 26) of the strips of card clothing (21, 25) are electrically conducting, and the pulse generator (23a) is connected to tips (22, 26) such that applying the alterable potential difference between tips (22, 26) of the two strips of card clothing (21, 25) makes it possible to generate at least two successive spark discharges. Means are provided for measuring the time between two spark discharges and/or a frequency measurement (28) for determining the current distance ( $\delta$ ) between the card clothing tips (22, 26).



No. of Pages : 72 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/04/2009

(21) Application No.783/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : PROCESS FOR SOLUBILIZATION OF FLAVOR OILS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A23L 2/56         |
| (31) Priority Document No                     | :60/826,766        |
| (32) Priority Date                            | :25/09/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/066861 |
| Filing Date                                   | :18/04/2007        |
| (87) International Publication No             | :WO 2008/039564 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)COMSTOCK, BOB**

Address of Applicant :23 PRINCE OF WALES ROAD,  
SINGAPORE 266925, SINGAPORE. Singapore

(72)**Name of Inventor :**

**1)COMSTOCK, BOB**

**2)WANG, MEI, YIN**

**3)LIM, NELLY**

(57) Abstract :

The inventive process allows the solubilization of flavor oil in water to produce clear beverages. The amount of emulsifier required for oil solubilization is less than that of oil, and a typical oil to emulsifier ratio is 2:1. A crude emulsion is first generated by high shear mixing of the emulsifier solution and flavor oil. The crude emulsion is then fed into a homogenizer to produce a finer emulsion. The resulting flavor concentrate can then be diluted to produce clear beverages. This process also simplifies the introduction of normally insoluble nutraceuticals, particularly lipophilic ones, into beverages. Compared to microemulsion formulations, this process provides an easy way of formulation customization to different flavors and nutraceuticals.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/04/2009

(21) Application No.784/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : MTP INHIBITING TETRAHYDRO-NAPHTHALENE-1-CARBOXYLIC ACID DERIVATIVES

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07C 235/52       |
| (31) Priority Document No                     | :06122820.1        |
| (32) Priority Date                            | :24/10/2006        |
| (33) Name of priority country                 | :EPO               |
| (86) International Application No             | :PCT/EP2007/061289 |
| Filing Date                                   | :22/10/2007        |
| (87) International Publication No             | :WO 2008/049808    |
|                                               | 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)JANSSEN PHARMACEUTICA NV**

Address of Applicant :TURNHOUTSEWEG 30, 2340  
BEERSE, BELGIUM. Belgium

(72)Name of Inventor :

**1)MEERPOEL, LIEVEN**

**2)BACKX, LEO JACOBUS JOZEF**

**3)TEN HOLTE, PETER**

**4)BUSSCHER, GUUSKE FREDERIKE**

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(57) Abstract :

The present invention is concerned with novel tetrahydro-naphthalene-1-carboxylic acid derivatives having apoB secretion/MTP inhibiting activity and concomitant lipid lowering activity. The invention further relates to methods for preparing such compounds, pharmaceutical compositions comprising said compounds as well as the use of said compounds as a medicine for the treatment of atherosclerosis, pancreatitis, obesity, hypertriglyceridemia, hypercholesterolemia, hyperlipidemia, diabetes and type II diabetes. Formula (I).

No. of Pages : 52 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/04/2009

(21) Application No.797/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD FOR PRODUCTION OF MIXED VAPOUR

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :F01K 25/06        |
| (31) Priority Document No                     | :102006050967.6    |
| (32) Priority Date                            | :28/10/2006        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2007/009515 |
| Filing Date                                   | :26/10/2007        |
| (87) International Publication No             | :WO2008/052787A2   |
| (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)LESA MASCHINEN GMBH

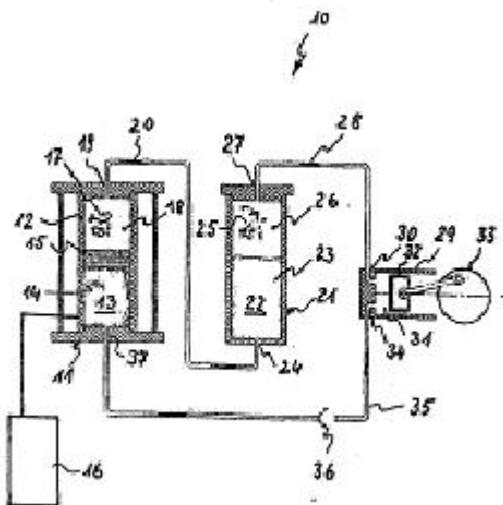
Address of Applicant :NEUE STR. 14, 14163 BERLIN, GERMANY. Germany

(72)Name of Inventor :

1)SCHAEFFER BERNHARD

(57) Abstract :

Method for production of mixed vapours at low temperatures. The thermal energy stored in the mixed vapours is intended to be converted to mechanical energy in a thermal power machine, in order to operate an electrical generator.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/04/2009

(21) Application No.798/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : START-UP CIRCUIT FOR BANDGAP CIRCUIT

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G05F 3/30         |
| (31) Priority Document No                     | :0619623.2         |
| (32) Priority Date                            | :04/10/2006        |
| (33) Name of priority country                 | :GB                |
| (86) International Application No             | :PCT/GB2007/003412 |
| Filing Date                                   | :10/09/2007        |
| (87) International Publication No             | :WO2008/040933A1   |
| (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)ITI SCOTLAND LIMITED

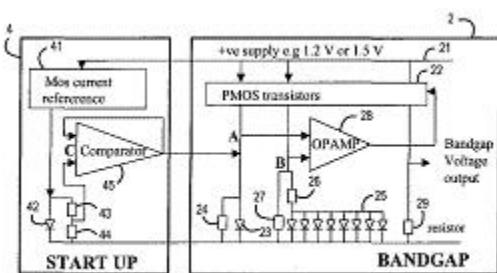
Address of Applicant :191 WEST GEORGE STREET, 5TH FLOOR, GLASGOW G2 2LB, UNITED KINGDOM. U.K.

(72)Name of Inventor :

1)VIDLER IAN

(57) Abstract :

A start-up circuit is provided for a bandgap circuit, the bandgap circuit having at least one bandgap diode. The start-up circuit comprises a comparator for providing a start-up voltage for the bandgap circuit. The comparator is connected to receive a first reference voltage at a first input terminal, the output of the comparator being connected in a feedback loop to its second input terminal. A reference voltage circuit is provided for generating the first reference voltage for the first input terminal of the comparator. The reference voltage circuit comprises a start-up circuit diode that is matched with the at least one bandgap diode in the bandgap circuit. As such, any temperature and/or process variations in the bandgap diode are matched by the start-up circuit diode, thereby providing an accurate and reliable reference voltage, and hence start-up voltage for the bandgap circuit.



No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/04/2009

(21) Application No.799/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SOFT CAPSULES COMPRISING PALONOSETRON HYDROCHLORIDE HAVING IMPROVED STABILITY AND BIOAVAILABILITY

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K 9/48         |
| (31) Priority Document No                     | :60/854,342        |
| (32) Priority Date                            | :24/10/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/EP2007/009098 |
| Filing Date                                   | :19/10/2007        |
| (87) International Publication No             | :WO2008/049552A1   |
| (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)HELSINN HEALTHCARE S A

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(72)Name of Inventor :

1)BONADEO DANIELE

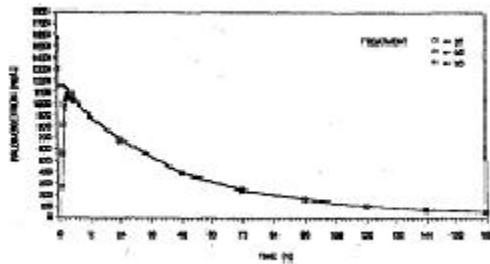
2)CALDERARI GIORGIO

3)BRAGLIA ENRICO

4)BRAGLIA RICCARDO

(57) Abstract :

Provided are solid oral dosage forms of palonosetron hydrochloride, methods of using the dosage forms to treat emesis, and methods of making the dosage forms. The dosage forms have improved stability and bioavailability, and are preferably in the form of liquid filled capsules.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/01/2009

(21) Application No.80/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : TURBINES HAVING A DEBRIS RELEASE CHUTE

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(51) International classification

:F03B11/08

(31) Priority Document No

:06014703.0

(32) Priority Date

:14/07/2006

(33) Name of priority country

:EPO

(86) International Application No

:PCT/EP2007/006236

Filing Date

:13/07/2007

(87) International Publication No

: WO/2008/006603

(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)OPENHYDRO GROUP LIMITED**

Address of Applicant :66 Fitzwilliam Square Dublin 2  
Ireland Ireland

(72)Name of Inventor :

**1)IVES James**

(57) Abstract :

In a hydroelectric turbine having a rotor disposed within a housing, the rotor having an annular outer rim received by a channel in the housing, the improvement comprising providing at least one debris release chute in said housing such that debris captured between the rotor and the housing is released through the debris release chute.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/04/2009

(21) Application No.795/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : TAMPING MACHINE FOR PACKING BALLAST UNDER A TRACK

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :E01B 27/16        |
| (31) Priority Document No                     | :A2037/2006        |
| (32) Priority Date                            | :11/12/2006        |
| (33) Name of priority country                 | :Austria           |
| (86) International Application No             | :PCT/EP2007/009861 |
| Filing Date                                   | :15/11/2007        |
| (87) International Publication No             | :WO2008/071282A1   |
| (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)FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT MBH

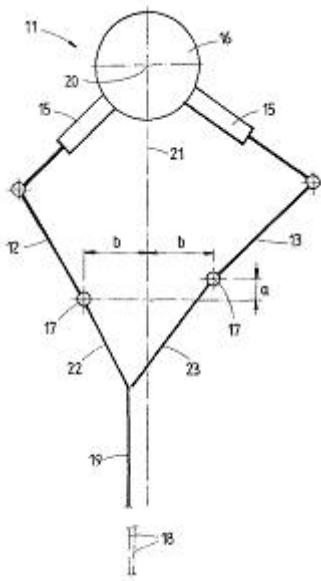
Address of Applicant :JOANNESGASSE 3, A-1010 WIEN, AUSTRIA. Austria

(72)Name of Inventor :

1)THEURER JOSEF

(57) Abstract :

A tamping machine (5) for simultaneously packing ballast under three sleepers (6) of a track (3) comprises inner, central and outer tamping tools (12,13). The pivot axis (17) of the inner tamping tool (12) is positioned lower than the pivot axis (17) of the central tamping tool (13) by a vertical distance (a). With respect to the two pivot axes (17) of the inner and central tamping tools (12, 13), the longitudinal axes (18) of the two tamping picks (19) are positioned off-centre and closer to the pivot axis (17) of the inner tamping tool (12). This means that even sleepers having a relatively small bay width can be packed with ballast without any problems.



No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/04/2009

(21) Application No.796/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : CONDITIONING APPARATUS FOR THE AIR SUPPLY STREAM OF A DRYING CHAMBER OF AN ENAMELING LINE AND METHOD FOR CONDITIONING THE AIR SUPPLY STREAM

|                                                                 |                                   |
|-----------------------------------------------------------------|-----------------------------------|
| (51) International classification                               | :F24F 3/14                        |
| (31) Priority Document No                                       | :102006054875.2                   |
| (32) Priority Date                                              | :20/11/2006                       |
| (33) Name of priority country                                   | :Germany                          |
| (86) International Application No<br>Filing Date                | :PCT/EP2007/009072<br>:19/10/2007 |
| (87) International Publication No                               | :WO2008/061598A1                  |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |

(71)Name of Applicant :

1)KLINGENBURG GMBH

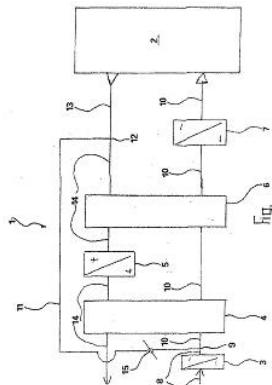
Address of Applicant :BOYSTRASSE 115, D-45968 GLADBECK, GERMANY. Germany

(72)Name of Inventor :

1)STRUENSEE NORBERT

(57) Abstract :

A conditioning apparatus (1) for the air supply stream of a drying chamber (2) of an enameling line has a fresh air duct (8) and an air supply duct (10) connected thereto through which a fresh air or air supply stream can be directed into the drying chamber (2); an exhaust air duct (13) and an escaping air duct (14) connected thereto through which an exhaust air stream can be guided out of the drying chamber (2) or out of an escaping air duct into the surrounding area; an absorption or adsorption device (4) which is arranged in the escaping air duct (14) and in the air supply duct (10) and in which the air supply stream can be dehumidified and heated to a predetermined level of humidity by means of the escaping air stream; a device for heat recovery (6) which is arranged upstream of the absorption or adsorption device (4) in the escaping air duct (14) and which is arranged downstream of the absorption or adsorption device (4) in the air supply duct (10) and in which the air supply stream which is dehumidified and heated in the absorption or adsorption device (4) by means of the escaping air stream emitted from the drying chamber (2) can be cooled; an aftercooler (7) which is arranged downstream of the heat recovery device (6) in the air supply duct (10) and in which the air supply stream which is precooled in the heat recovery device (6) can be cooled to a temperature required for entry into the drying chamber (2); and an afterheater (5) which is arranged in the escaping air duct (14) downstream of the heat recovery device (6) and upstream of the absorption or adsorption device (4) and in which the escaping air stream can be heated to a temperature suitable for the regeneration of the absorption or adsorption device (4). To reduce the use of energy for the operation of the conditioning apparatus (1), it is suggested that a recirculating air duct (11) branch off from the exhaust air duct (13) coming out of the drying chamber (2) at a first junction place (12); and that through said recirculating air duct, a part of the exhaust air stream coming out of the drying chamber (2) can be brought, together with the fresh air stream, as a recirculating air stream in a second junction place (9), and can then be directed through the air supply duct (10) as an air supply stream into the drying chamber (2); and that a precooler (3), by means of which the fresh air stream can be cooled and dehumidified, is arranged upstream of the second junction place (9) in the fresh air duct (8).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/01/2009

(21) Application No.81/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : SUBMERGED HYDROELECTRIC TURBINES HAVING BUOYANCY CHAMBERS

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(51) International classification

:F03B13/10

(31) Priority Document No

:06014668.5

(32) Priority Date

:14/07/2006

(33) Name of priority country

:EPO

(86) International Application No

:PCT/EP2007/006234

Filing Date

:13/07/2007

(87) International Publication No

: WO/2008/006601

(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)OPENHYDRO GROUP LIMITED**

Address of Applicant :66 Fitzwilliam Square Dublin 2  
Ireland Ireland

(72)Name of Inventor :

**1)WILLIAMS Herbert**

(57) Abstract :

In a hydroelectric turbine having a rotor disposed within a stator housing, the rotor having an annular outer rim received by a channel in the stator housing, the improvement comprising a buoyant rotor, the rotor preferably having buoyancy chambers disposed within the rotor. The buoyancy chambers may be disposed within the annular outer rim, the blades or an annular inner rim, or combinations thereof. Preferably, the buoyancy chambers are filled with a material having a specific gravity of one or less, and most preferably the filler material is a polymer foam that adds rigidity to the rotor.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/04/2009

(21) Application No.801/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : REINFORCEMENT FRAME FOR A DISPLAY PANEL USING EXTRUDED ALUMINUM ALLOY AND APPARATUS AND METHOD FOR MANUFACTURING THE SAME

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B23K 20/12        |
| (31) Priority Document No                     | :10-2006-0108453   |
| (32) Priority Date                            | :03/11/2006        |
| (33) Name of priority country                 | :Republic of Korea |
| (86) International Application No             | :PCT/KR2007/005514 |
| Filing Date                                   | :02/11/2007        |
| (87) International Publication No             | :WO 2008/054167 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)DONGYANG GANGCHUL., LTD

Address of Applicant :63-15, DAEHWA-DONG, DAEDEOK-GU, DAEJEON 306-802, REPUBLIC OF KOREA. Republic of Korea

(72)Name of Inventor :

1)PARK, DO-BONG

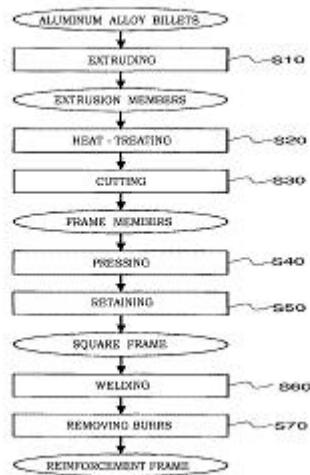
2)PARK, SANG-WOO

3)OH, KAE-HEE

4)PARK, JIN-WOO

(57) Abstract :

Disclosed is a reinforcement frame for a display panel using aluminum alloy extrusion members and an apparatus and a method for manufacturing the same, wherein, while a number of unitary aluminum alloy extrusion members abut one another, a welding head is used to cause the abutting portions to undergo friction resulting from high-speed rotation so that the members are melted and welded to one another by the resulting frictional heat.



No. of Pages : 60 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/04/2009

(21) Application No.807/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : RISK STRATIFICATION FOR ACUTE CORONARY SYNDROME BY MEANS OF FRAGMENTS/PARTIAL PEPTIDES OF PROVASOPRESSIN ESPECIALLY COPEPTIN OR NEUROPHYSIN II

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G01N 33/68        |
| (31) Priority Document No                     | :102006050497.6    |
| (32) Priority Date                            | :26/10/2006        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/DE2007/001928 |
| Filing Date                                   | :26/10/2007        |
| (87) International Publication No             | :WO2008/049422A2   |
| (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)BERGMANN ANDREAS

2)MORGENTHALER NILS

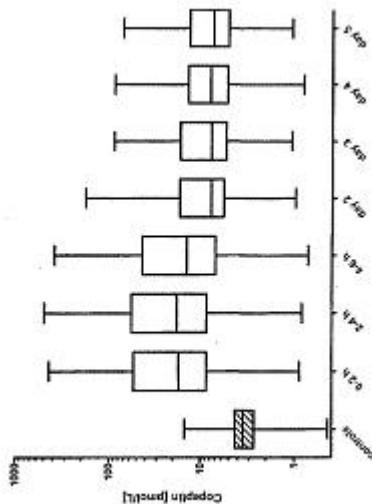
3)PAPASSOTIRIOU JANA

4)STRUCK JOACHIM

5)LEONG L NG

(57) Abstract :

The invention relates to a method for risk stratification for acute coronary syndrome (ACS), especially acute myocardial infarction (AMI) and angina pectoris (AP), where provasopressin (proAVP) or fragments and partial peptides thereof, especially copeptin or neuropeptin II, is determined by means of an in vitro diagnosis.



No. of Pages : 26 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2007

(21) Application No.808/MUM/2007 A

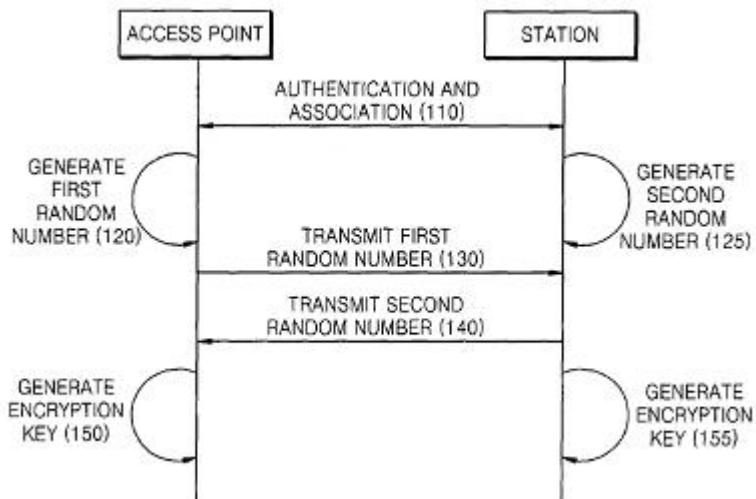
(43) Publication Date : 03/07/2009

(54) Title of the invention : APPARATUS AND METHOD FOR MANAGING STATIONS ASSOCIATED WITH WPA-PASK WIRELESS NETWORK

|                                                              |                    |                                                                                                                                   |
|--------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :H04L12/28         | (71)Name of Applicant :                                                                                                           |
| (31) Priority Document No                                    | :10-2006-0075304   | 1)SAMSUNG ELECTRONICS CO LTD<br>Address of Applicant :416, Maetan-dong, Yeongtong-gu,<br>Suwon-si, Gyeonggi-do, Republic of Korea |
| (32) Priority Date                                           | :09/08/2006        | (72)Name of Inventor :                                                                                                            |
| (33) Name of priority country                                | :Republic of Korea | 1)SEUNG-JAE OH<br>2)SE-HEE HAN<br>3)JOO-YEOL LEE<br>4)DONG-SHIN JUNG<br>5)WON-SEOK KWON                                           |
| (86) International Application No<br>Filing Date             | :NA                |                                                                                                                                   |
| (87) International Publication No                            | :NA                |                                                                                                                                   |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA                |                                                                                                                                   |
| (62) Divisional to Application Number<br>Filing Date         | :NA                |                                                                                                                                   |

(57) Abstract :

Provided are a method and apparatus for managing a station by providing an encrypted key to the station in a wireless network under a Wi-Fi Protected Pre-Shared Key (WPA-PSK) environment. In the method, a registrar determines whether a new station is a guest station, based on user input. If the new station is a guest station, the registrar includes a session key (and not a shared key) into an Mg message according to a Wi-Fi Alliance (WFA) Simple Config protocol and transmits the Mg message to the station. Accordingly, it is possible to permit a guest station to temporarily access the network without a user's management of information regarding the guest station.



No. of Pages : 31 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/04/2009

(21) Application No.808/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : DISPENSING HEAD WITH HINGED CAP

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B65D 35/12        |
| (31) Priority Document No                     | :06/09780          |
| (32) Priority Date                            | :09/11/2006        |
| (33) Name of priority country                 | :France            |
| (86) International Application No             | :PCT/EP2007/062090 |
| Filing Date                                   | :08/11/2007        |
| (87) International Publication No             | :WO2008/055961A1   |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

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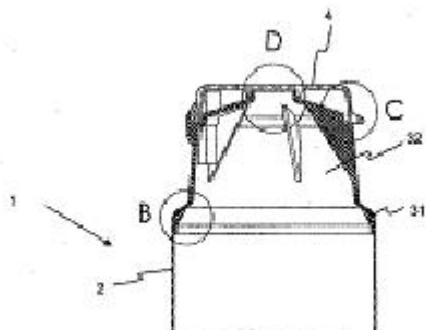
(72)Name of Inventor :

1)BODET HERVE

2)LILIENTHAL HANS PETER

(57) Abstract :

The invention relates to a dispensing head (103) for closing a vessel, mainly a tube or a vial, that comprises an outlet opening (135) and a hinged cap (104) for closing the opening (135) of the dispensing head, wherein the dispensing head (103) and the hinged cap (104) are made of a single piece. According to the invention, the hinged cap (104) is moulded over the dispensing head (103). In order to ensure the anchoring of the cap (104) onto the head (103) even when the materials are not compatible, anchoring means (138, 144) can also be provided.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/04/2009

(21) Application No.811/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : NOVEL MORPHINE DERIVATIVES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07H 17/100       |
| (31) Priority Document No                     | :0654247           |
| (32) Priority Date                            | :12/10/2006        |
| (33) Name of priority country                 | :France            |
| (86) International Application No             | :PCT/FR2007/052122 |
| Filing Date                                   | :11/10/2007        |
| (87) International Publication No             | :WO2008/043962A1   |
| (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 :9 CHEMIN DU PUITS DE ROULLE,  
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(72)Name of Inventor :

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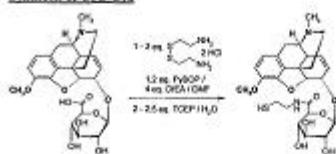
2)LAHANA ROGER

3)CASTEX CEDRIC

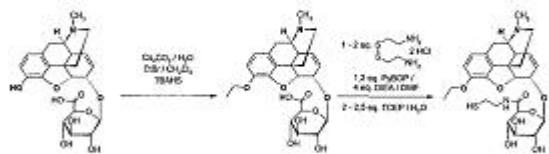
(57) Abstract :

The present invention relates to novel morphine-6-glucuronide derivatives, to pharmaceutical compositions containing them and to uses thereof. Said derivatives have the following structures, where the group Pcntite (A), except substituents X, is called MR36G-NR1 R2-S-, R1 = saturated or unsaturated, straight- or branched-chain C1-C10 alkyl, the alkyl chain being optionally interrupted by one or more heteroatoms selected from O, S and N, R2 = H, saturated or unsaturated, straight- or branched-chain C1-C5 alkyl, or an aryl, heteroaryl or (C1-C5) alkylaryl group, R3 = Y(C=Z)R or YR, Y and Z independently = O or S, R = saturated or unsaturated, straight- or branched-chain C1-C6 alkyl with the proviso that R3 is not -O-CH3 X = H, an -S-R4-W group, or a MR,6G-NR I R2-S- group, with R4 = saturated or unsaturated, straight- or branched-chain C1-C5 alkyl which can include amide, ester or ether bonds and W is either a  $\alpha$ -receptor antagonist, or a K-receptor antagonist and a pharmaceutically acceptable salt thereof.

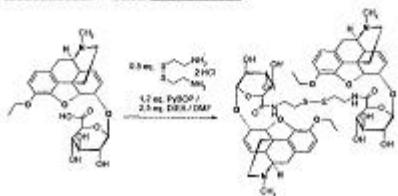
Synthesis of C6G-Cys



Synthesis of M3Et-6G-Cys



Synthesis of M3Et-6G-Cys-OEt-M3Et-6G



No. of Pages : 38 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2009

(21) Application No.818/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : MACROCYCLIC QUINAZOLINE DERIVATIVES AS VEGFR3 INHIBITORS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K 31/529       |
| (31) Priority Document No                     | :60/863198         |
| (32) Priority Date                            | :27/10/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/EP2007/061499 |
| Filing Date                                   | :25/10/2007        |
| (87) International Publication No             | :WO2008/049902A2   |
| (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)JANSSEN PHARMACEUTICA NV

Address of Applicant :TURNHOUTSEWEG 30, 2340 BEERSE, BELGIUM. Belgium

(72)Name of Inventor :

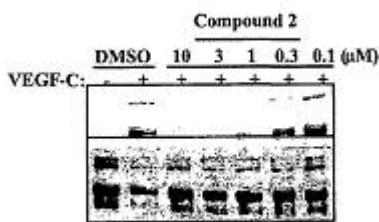
1)PERERA TIMOTHY PIETRO SUREN

2)VERSELE MATHIAS LUC A

3)PAGE MARTIN JOHN

(57) Abstract :

The present invention relates to the use of some of the macrocyclic quinazoline derivatives described in PCT publication WO2004/105765 as inhibitors of VEGFR3 mediated biological activities, especially those activities which are mediated by VEGFR3 ligands VEGF-C and/or VEGF-D.



No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2009

(21) Application No.819/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : ALLOSTERIC MODULATORS OF THE A1 ADENOSINE RECEPTOR

---

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K 31/497       |
| (31) Priority Document No                     | :60/858,505        |
| (32) Priority Date                            | :13/11/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/084490 |
| Filing Date                                   | :13/11/2007        |
| (87) International Publication No             | :WO2008/063984A2   |
| (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)KING PHARMACEUTICALS RESEARCH AND DEVELOPMENT INC**

Address of Applicant :CENTREGREEN TWO, SUITE 300, 4000 CENTREGREEN WAY, CARY, NC 27513, U.S.A. U.S.A.

(72)Name of Inventor :

**1)BARALDI PIER GIOVANNI**

**2)MOORMAN ALLAN R**

**3)ROMAGNOLI ROMEO**

---

(57) Abstract :

The present invention provides compounds of formula (I) wherein R1, R2, R3, R4 and Q have a meaning as defined herein in the specification. The compounds of formula (I) are allosteric modulators of the A1 adenosine receptor and, thus, may be employed for the treatment of conditions mediated by the A1 adenosine receptor. Accordingly, the compounds of formula (I) may be employed for treatment of pain, in particular, chronic pain such as neuropathic pain; cardiac disease or disorder such as cardiac disarrhythmias, e.g., peroxysmal supraventricular tachycardia, angina, myocardial infarction and stroke; neurological disease or injury; sleep disorder; epilepsy; and depression.

No. of Pages : 117 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/01/2009

(21) Application No.82/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : A HYDROELECTRIC TURBINE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H02K7/18          |
| (31) Priority Document No                     | :06014667.7        |
| (32) Priority Date                            | :14/07/2006        |
| (33) Name of priority country                 | :EPO               |
| (86) International Application No             | :PCT/EP2007/006258 |
| Filing Date                                   | :13/07/2007        |
| (87) International Publication No             | : WO/2008/006614   |
| (61) Patent of Addition to Application Number | :NA<br>:NA         |
| Filing Date                                   |                    |
| (62) Divisional to Application Number         | :NA<br>:NA         |
| Filing Date                                   |                    |

(71)Name of Applicant :

**1)OPENHYDRO GROUP LIMITED**

Address of Applicant :66 Fitzwilliam Square Dublin 2  
Ireland Ireland

(72)Name of Inventor :

**1)SPOONER Ed**

(57) Abstract :

The present invention provides a hydroelectric turbine comprising a stator and a rotor housed concentrically within the stator, the turbine comprising a circumferentially disposed array of magnets on a rim of the rotor, and wherein the stator is slotless in configuration and is formed from a wire winding as opposed to the conventional toothed laminations, the turbine further comprising an annular array of individual coils mounted on the stator concentrically inwardly of the wire winding, each coil being provided with a dedicated rectifier to convert AC current induced in the coil into DC, preferably for transmission to a remote location.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/04/2009

(21) Application No.823/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PRODUCTION METHOD AND PRODUCTION APPARATUS FOR A PLASMA DISPLAY PANEL

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C23C 14/24        |
| (31) Priority Document No                     | :2006 292962       |
| (32) Priority Date                            | :27/10/2006        |
| (33) Name of priority country                 | :Japan             |
| (86) International Application No             | :PCT/JP2007/070314 |
| Filing Date                                   | :18/10/2007        |
| (87) International Publication No             | :WO2008/050622A1   |
| (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

Address of Applicant :2500 HAGISONO, CHIGASAKI-SHI,  
KANAGAWA 2538543, JAPAN. Japan

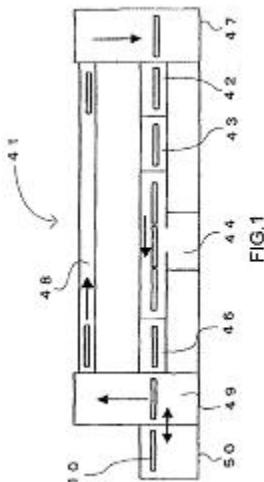
(72)Name of Inventor :

1)IIJIMA EIICHI

2)HAKOMORI MUNEOLO

(57) Abstract :

To simplify a production process regarding a production method for a plasma display panel by lowering a deposition temperature so that a (111)-oriented MgO layer can be easily obtained as a protective layer. [Solving Means] In a production method for a plasma display panel constituted of a front substrate including a scanning electrode, a sustaining electrode, a dielectric layer, and a protective layer, and a back substrate including an address electrode, a barrier rib, and a phosphor, a temperature of a glass substrate before being subjected to vapor deposition in an electron beam vapor deposition apparatus is set at room temperature (120°C or less), and an MgO deposition rate of the electron beam vapor deposition apparatus is set to be 8000 Å\*m/min or more. By the deposition at room temperature, an MgO layer equivalent to that obtained



No. of Pages : 57 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/04/2009

(21) Application No.829/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : "ADAPTIVE DE-JITTER BUFFER FOR VOICE OVER IP"

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G10L 19/00        |
| (31) Priority Document No                     | :60/606,036        |
| (32) Priority Date                            | :30/08/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/030894 |
| Filing Date                                   | :30/08/2005        |
| (87) International Publication No             | :WO/2006/026635    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :321/MUMNP/2007    |
| Filed on                                      | :05/03/2007        |

---

(71)**Name of Applicant :**

**1)QUALCOMM INCORPORATED**

Address of Applicant :5775 Morehouse Drive San Diego California 92121-1714 USA. U.S.A.

(72)**Name of Inventor :**

**1)BLACK Peter John**

**2)KAPOOR Rohit**

**3)SPINDOLA Serafin Diaz**

**4)YAVUZ Mehmet**

---

(57) Abstract :

Adaptive De-Jitter Buffer for Voice over IP (VoIP) for packet switch communications. The de-jitter buffer methods and apparatus presented avoid playback of underflows while balancing end-to-end delay. In one example, the de-jitter buffer is recalculated at the beginning of each talkspurt. In another example, talkspurt packets are compressed upon receipt of all remaining packets.

No. of Pages : 91 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2009

(21) Application No.820/MUMNP/2009 A

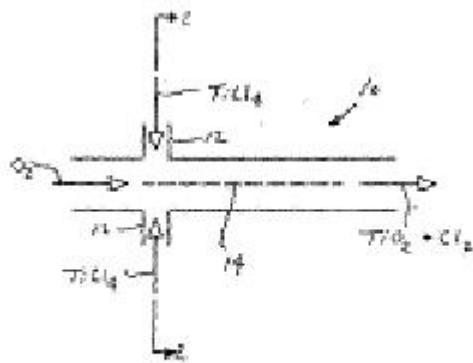
(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD FOR THE PRODUCTION OF TITANIUM DIOXIDE BY OXYGENATING TITANIUM TETRACHLORIDE

|                                               |                    |                                                |
|-----------------------------------------------|--------------------|------------------------------------------------|
| (51) International classification             | :C01G 23/07        | (71) <b>Name of Applicant :</b>                |
| (31) Priority Document No                     | :102006060988.3    | <b>1)KRONOS INTERNATIONAL INC</b>              |
| (32) Priority Date                            | :20/12/2006        | Address of Applicant :POSTFACH 10 07 20, 51307 |
| (33) Name of priority country                 | :Germany           | LEVERKUSEN, GERMANY. Germany                   |
| (86) International Application No             | :PCT/EP2007/010780 | (72) <b>Name of Inventor :</b>                 |
| Filing Date                                   | :11/12/2007        | <b>1)GRUBER RAINER</b>                         |
| (87) International Publication No             | :WO2008/077476A2   | <b>2)MALCHAREK FRANK</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 the production of titanium dioxide by oxygenating titanium tetrachloride and then cooling the titanium dioxide particle-gas mixture while adding scouring particles in a cooling section, the gas-particle flow being made to rotate. According to the invention, the titanium tetrachloride is introduced into the axial oxygen-containing flow on the cross-sectional plane of the tubular reactor, but not in the radial direction. The flow velocity of the oxygen-containing gas exceeds 20 m/s, particularly reaching at least 40 m/s. The method according to the invention makes it possible to effectively remove accumulated TiO<sub>2</sub> from the internal wall and the cooling section of the tubular reactor, thus increasing the cooling performance, and produce a TiO<sub>2</sub> pigment which has a narrow grain size distribution.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/04/2009

(21) Application No.827/MUMNP/2009 A

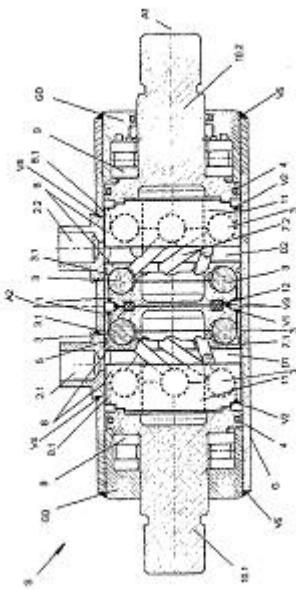
(43) Publication Date : 03/07/2009

(54) Title of the invention : DEVICE FOR COMPENSATING AND/OR FOR TRANSMITTING FORCES/TORQUES AND ROTATIONAL MOVEMENTS BETWEEN TWO COMPONENTS

|                                               |                    |                                                    |
|-----------------------------------------------|--------------------|----------------------------------------------------|
| (51) International classification             | :F15B 15/06        | (71)Name of Applicant :                            |
| (31) Priority Document No                     | :20 2006 016 354.9 | 1)ASTURIA AUTOMOTIVE SYSTEMS AG                    |
| (32) Priority Date                            | :23/10/2006        | Address of Applicant :WIDENMAYER STRASSE 49, 80538 |
| (33) Name of priority country                 | :Germany           | MUNCHEN, GERMANY. Germany                          |
| (86) International Application No             | :PCT/DE2006/001894 | (72)Name of Inventor :                             |
| Filing Date                                   | :27/10/2006        | 1)LEZOCK DANIEL                                    |
| (87) International Publication No             | : WO/2008/049382   | 2)FREUND WOLFGANG                                  |
| (61) Patent of Addition to Application Number | :NA                | 3)SCHULZE JURGEN                                   |
| Filing Date                                   | :NA                |                                                    |
| (62) Divisional to Application Number         | :NA                |                                                    |
| Filing Date                                   | :NA                |                                                    |

(57) Abstract :

The invention relates to a device for compensating and/or for transmitting forces/torques and rotational movements between two components, in particular for compensating vehicle movements, wherein at least one joint module is arranged between the two components, by means of which joint module a translatory and/or rotational movement of a pressure-medium-loaded piston can be converted into a rotational movement of at least one first rotary shaft or of a first and a second rotary shaft.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/04/2009

(21) Application No.828/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : VASCULAR PROSTHESIS

(51) International classification

:A61F 2/06

(31) Priority Document No

:1032752

(32) Priority Date

:26/10/2006

(33) Name of priority country

:Netherlands

(86) International Application No

:PCT/NL2007/050511

Filing Date

:25/10/2007

(87) International Publication No

:WO2008/069648A1

(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)VASCU SNAP B. V.

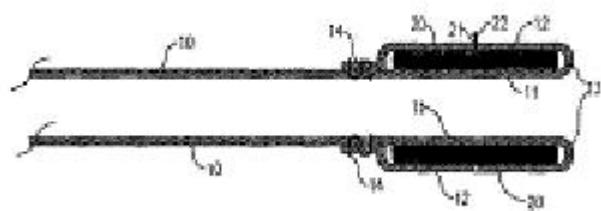
Address of Applicant :GROTEWEG 42B, NL-8191 JX  
WAPENVELD, NETHERLANDS. Netherlands

(72)Name of Inventor :

1)BLOMME ADRI MARINUS

(57) Abstract :

A vascular prosthesis comprising a hollow, tubular body (10) having suturing means (20..22) on at least a first outer end for suturing the body to a vessel wall of a bodily vessel of a user. The suturing means comprise a suturing ring (20), from which at least one suturing member (21) extends radially in order to penetrate the vessel wall. On at least the first outer end the tubular body (10) is double-walled, with an inner wall (11) and an outer wall (12) between which the suturing ring (20) lies enclosed. The suturing ring preferably comprises three such suturing members (21) and a closing ring (40) is arranged locally round the vessel.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/04/2009

(21) Application No.832/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : ANTIVIRAL COLLOIDAL SILVER COMPOSITION

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A01N 59/16        |
| (31) Priority Document No                     | :11/538,262        |
| (32) Priority Date                            | :03/10/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/080278 |
| Filing Date                                   | :03/10/2007        |
| (87) International Publication No             | :WO2008/147427A2   |
| (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)AMERICAN SILVER LLC (UTAH LIMITED LIABILITY CORPORATION)**

Address of Applicant :80 WEST CANYON CREST ROAD,  
ALPINE, UT 84004, U.S.A U.S.A.

(72)**Name of Inventor :**

**1)HOLLADAY ROBERT J  
2)MOELLER WILLIAM D**

(57) Abstract :

A colorless composition comprising silver particles and water is disclosed. The particles have an interior of elemental silver and an exterior of ionic silver oxide, wherein the silver particles are present in the water at a level of about 5-40ppm. The composition manifests significant antiviral properties and is effective against avian influenza virus. Methods of use of the composition are described.

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/04/2009

(21) Application No.840/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : ADAPTIVE DE-JITTER BUFFER FOR VOICE OVER IP

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G10L 19/00        |
| (31) Priority Document No                     | :60/606,036        |
| (32) Priority Date                            | :30/08/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/030894 |
| Filing Date                                   | :30/08/2005        |
| (87) International Publication No             | :WO/2006/026635    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :321/MUMNP/2007    |
| Filed on                                      | :05/03/2007        |

---

(71)**Name of Applicant :**

**1)QUALCOMM INCORPORATED**

Address of Applicant :5775 Morehouse Drive San Diego California 92121-1714 USA. U.S.A.

(72)**Name of Inventor :**

**1)BLACK Peter John**

**2)KAPOOR Rohit**

**3)SPINDOLA Serafin Diaz**

**4)YAVUZ Mehmet**

---

(57) Abstract :

Adaptive De-Jitter Buffer for Voice over IP (VoIP) for packet switch communications. The de-jitter buffer methods and apparatus presented avoid playback of underflows while balancing end-to-end delay. In one example, the de-jitter buffer is recalculated at the beginning of each talkspurt. In another example, talkspurt packets are compressed upon receipt of all remaining packets.

No. of Pages : 86 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2009

(21) Application No.844/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : NOVEL CANNABINOID RECEPTOR LIGANDS, PHARMACEUTICAL COMPOSITIONS CONTAINING THEM, AND PROCESSES FOR THEIR PREPARATION

|                                                                 |                                   |
|-----------------------------------------------------------------|-----------------------------------|
| (51) International classification                               | :C07D 231/54                      |
| (31) Priority Document No                                       | :1838/MUM/2006                    |
| (32) Priority Date                                              | :03/11/2006                       |
| (33) Name of priority country                                   | :India                            |
| (86) International Application No<br>Filing Date                | :PCT/IB2007/003337<br>:02/11/2007 |
| (87) International Publication No                               | : WO/2008/053341                  |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |

(71)**Name of Applicant :**

**1)GLENMARK PHARMACEUTICALS S A**

Address of Applicant :CHEMIN DE LA COMBETA 5, 2300  
LA CHAUX DE FONDS, SWITZERLAND. Switzerland

(72)**Name of Inventor :**

**1)MUTHUPALNIAPPAN MEYYAPPAN**

**2)KUMAR SUKEERTHI**

**3)BALASUBRAMANIAN GOPALAN**

**4)GULLAPALLI SRINIVAS**

**5)KHAIRATKAR JOSHI NEELIMA**

**6)NARAYANAN SHRIDHAR**

**7)KARNIK PALLAVI**

---

(57) Abstract :

The present invention relates to novel cannabinoid receptor modulators, in particular cannabinoid 1 (CB1) or cannabinoid 2 (CB2) receptor modulators, and uses thereof for treating diseases, conditions and/or disorders modulated by a cannabinoid receptor (such as pain, neurodegenerative disorders, eating disorders, weight loss or control, and obesity).

No. of Pages : 193 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/04/2009

(21) Application No.835/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOF OF SURFACE-TREATING PARTICULATE SOLIDS, MORE PARTICULARLY TITANIUM DIOXIDE PIGMENT PARTICLES

|                                                                 |                                   |
|-----------------------------------------------------------------|-----------------------------------|
| (51) International classification                               | :C09C 1/36                        |
| (31) Priority Document No                                       | :102006059849.0                   |
| (32) Priority Date                                              | :15/12/2006                       |
| (33) Name of priority country                                   | :Germany                          |
| (86) International Application No<br>Filing Date                | :PCT/EP2007/010779<br>:11/12/2007 |
| (87) International Publication No                               | :WO2008/071382A2                  |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |

(71)**Name of Applicant :**

**1)KRONOS INTERNATIONAL INC**

Address of Applicant :POSTFACH 10 07 20, 51307  
LEVERKUSEN, GERMANY. Germany

(72)**Name of Inventor :**

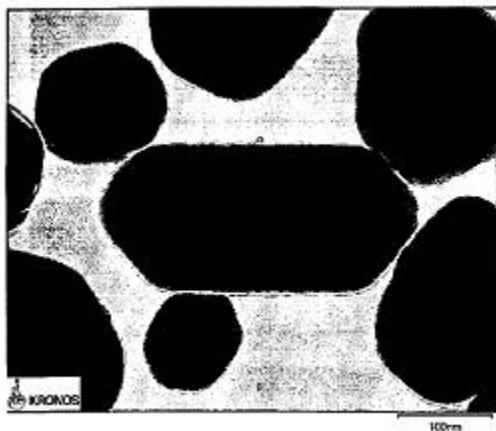
**1)ORTH GERBER JUERGEN**

**2)JUERGENS VOLKER**

**3)DREWS NICOLAI LYDIA**

(57) Abstract :

The invention relates to a method of surface-treating inorganic particulate solids, more particularly titanium dioxide, in an aqueous suspension, the particles being surface-coated while the suspension is conveyed through a stirred mill. The method is preferably used in order to coat titanuim dioxide particles with SiO<sub>2</sub>. The inventively treated particles have a very smooth, uniform and coherent shell and a significantly enhanced tinting strength.



No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/04/2009

(21) Application No.836/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : MODULE SYSTEM FOR MANUFACTURING TWO AND THREE STABLE POSITIONS FLUID-OPERATED ACTUATORS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :F15B 11/12        |
| (31) Priority Document No                     | :NA                |
| (32) Priority Date                            | :NA                |
| (33) Name of priority country                 | :NA                |
| (86) International Application No             | :PCT/SE2006/001327 |
| Filing Date                                   | :22/11/2006        |
| (87) International Publication No             | :WO2008/063104A1   |
| (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)VOLVO LASTVAGNAR AB

Address of Applicant :S-405 08 GOETEBORG, SWEDEN.  
Sweden

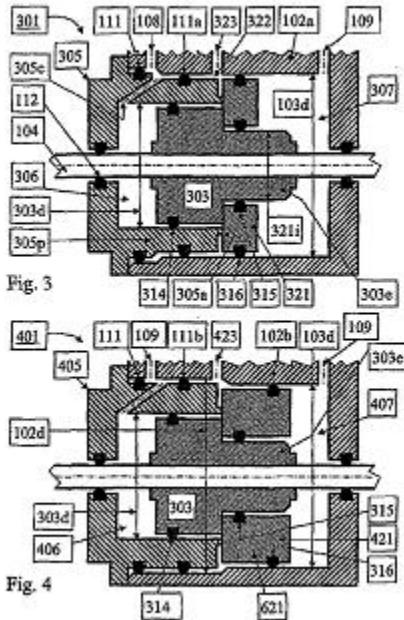
(72)Name of Inventor :

1)HEDMAN ANDERS

2)FREJINGER PETTER

(57) Abstract :

A module system for manufacturing variants of two (101) and three (301, 401, 501, 601) stable positions fluid-operated actuators. A cylinder housing of said both variants of two and three stable positions actuators are manufactured from a blank, comprising at least one opening for said cover and being identical for said variants of said two and three stable position actuator, and being at least prepared for the arrangement of: - a first pressure duct (108), - a second pressure duct (109) and -a first cylinder diameter (103d) of said cylinder housing, thus decreasing manufacturing costs.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/05/2009

(21) Application No.870/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : "TRANSMISSION OF SIGNALING INFORMATION FOR BROADCAST AND MULTICAST SERVICES"

|                                                                 |                                   |
|-----------------------------------------------------------------|-----------------------------------|
| (51) International classification                               | :H04Q 7/38                        |
| (31) Priority Document No                                       | :60/544,147                       |
| (32) Priority Date                                              | :10/02/2004                       |
| (33) Name of priority country                                   | :U.S.A.                           |
| (86) International Application No<br>Filing Date                | :PCT/US2005/004862<br>:10/02/2005 |
| (87) International Publication No                               | :WO/2005/079105                   |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |
| (62) Divisional to Application Number<br>Filed on               | :1020/MUMNP/2006<br>:29/08/2006   |

(71)**Name of Applicant :**

**1)QUALCOMM INCORPORATED**

Address of Applicant :5775 Morehouse Drive San Diego California 92121-1714 United States of America U.S.A.

(72)**Name of Inventor :**

**1)VAYANOS Alkinoos Hector**

**2)GRILLI Francesco**

(57) Abstract :

Techniques for transmitting signaling information for broadcast and multicast services are described. A base station transmits signaling information for each service in accordance with a schedule that includes a repetition period and a modification period. The signaling information is sent in each repetition period to allow wireless devices to quickly obtain this information. Changes to the critical signaling information are permitted at the start of each modification period, which is an integer multiple of the repetition period. Whenever the critical signaling information for a given service is changed in a given modification period, a notification indicator for the service is set in an entire preceding modification period to inform the wireless devices of the impending change. The wireless devices can detect the notification indicator being set in the preceding modification period and can retrieve the updated critical signaling information in the following modification period.

No. of Pages : 34 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2009

(21) Application No.877/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : APPARATUS FOR MEASURING THE VOLUMETRIC OR MASS FLOW RATE OF A MEDIUM IN A PIPELINE

|                                               |                       |
|-----------------------------------------------|-----------------------|
| (51) International classification             | :G01F 1/58            |
| (31) Priority Document No                     | :102006054635.0       |
| (32) Priority Date                            | :17/11/2006           |
| (33) Name of priority country                 | :Germany              |
| (86) International Application No             | :PCT/EP2007/062397    |
| Filing Date                                   | :15/11/2007           |
| (87) International Publication No             | :WO 2008/059020<br>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)ENDRESS+HAUSER FLOWTEC AG**

Address of Applicant :KAEGENSTRASSE 7, CH-4153  
REINACH, SWITZERLAND Switzerland

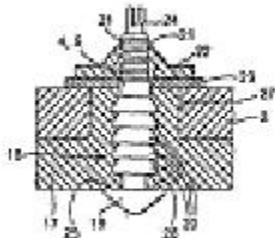
(72)**Name of Inventor :**

**1)VOIGT, FRANK**

**2)BAEHR, GUNTHER**

(57) Abstract :

The invention relates to an apparatus for measuring the volumetric or mass flow rate of a medium (11) in a pipeline, said apparatus having a measuring tube (2) through which the medium (11) flows in the direction of the longitudinal axis (3) of the measuring tube (2), having a magnetic system (6, 7) which is configured in such a manner that it generates a magnetic field (B) which permeates the measuring tube (2) and runs essentially transverse to the longitudinal axis (3) of the measuring tube (2), having at least one measuring electrode (4, 5) which couples to the medium (11) and is arranged in a hole (27) in the wall of the measuring tube (2) in a region that is essentially perpendicular to the magnetic field (B), wherein the measuring electrode (4; 5) has an elongate electrode shaft (18) with a first widened end region (19) which couples to the medium and is dimensioned in such a manner that its diameter (D) is greater than the diameter (d) of the hole (27) in the wall of the measuring tube (2), in which the measuring electrode (4; 5) is placed, and having a control/evaluation unit (8) which uses the measurement voltage (U) induced in the at least one measuring electrode (4; 5) to provide information relating to the volumetric or mass flow rate of the medium (11) in the measuring tube (2). At least one radial depression (21) or a radial elevation is arranged in the opposite second end region of the electrode shaft (18) of the measuring electrode (4; 5). Furthermore, provision is made of a clamping or latching element (22) which is configured in such a manner that, in engagement with the at least one radial depression (21) or elevation, it fixes the measuring electrode (4; 5) in the hole (27) in the measuring tube (2) in the axial direction.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2009

(21) Application No.845/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : AIR MANAGEMENT SYSTEM FOR HEAVY DUTY TRUCK UNDER-HOOD HEAT CONTROL

|                                               |                     |
|-----------------------------------------------|---------------------|
| (51) International classification             | :B60K 11/00         |
| (31) Priority Document No                     | :60/863,740         |
| (32) Priority Date                            | :31/10/2006         |
| (33) Name of priority country                 | :U.S.A.             |
| (86) International Application No             | :/PCT/US2007/083190 |
| Filing Date                                   | :31/10/2007         |
| (87) International Publication No             | :WO2008/055216A2    |
| (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)ENVIRO COOL INC

Address of Applicant :1250 AIRPORT ROAD, SULLIVAN,  
MISSOURI 63080, U.S.A. U.S.A.

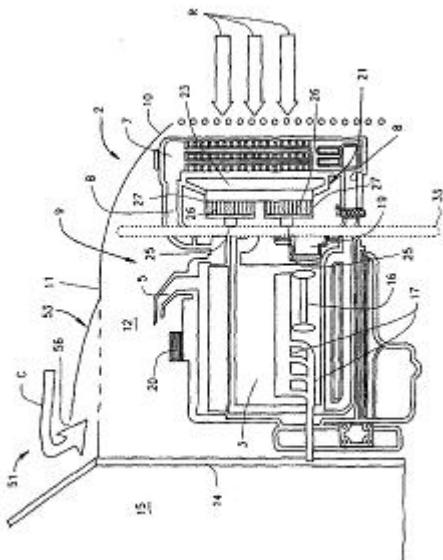
(72)Name of Inventor :

1)STURMON GEORGE R

2)MURRAY EDWARD M

(57) Abstract :

A system for removing heat from the engine compartment (9) of a heavy duty truck (2). A first ventilating system (21) removes heat from the radiator (7). It is separated from a second ventilating system (51) that removes heat from the engine compartment (9). The first system takes heat from the radiator through a plenum (23) by centrifugal squirrel cage blowers (27), and is directs it out to ambient by ductwork. The second system draws ambient air generally from back to front of the engine compartment, preferably by cowl induction (53), without the use of ram air from the vicinity of the radiator. The exits of the two systems are into a slip stream of the heavy duty truck, and the exit of the second ventilating system is into a slip stream of the first, to scavenge air out of the engine compartment.



No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2009

(21) Application No.846/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : "ADAPTIVE DE-JITTER BUFFER FOR VOICE OVER IP"

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G10L 19/00        |
| (31) Priority Document No                     | :60/606/36         |
| (32) Priority Date                            | :30/08/2004        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2005/030894 |
| Filing Date                                   | :30/08/2005        |
| (87) International Publication No             | :WO/2006/026635    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :321/MUMNP/2007    |
| Filed on                                      | :05/03/2007        |

---

(71)**Name of Applicant :**

**1)QUALCOMM INCORPORATED**

Address of Applicant :5775 Morehouse Drive San Diego California 92121-1714 USA. U.S.A.

(72)**Name of Inventor :**

**1)BLACK Peter John**

**2)KAPOOR Rohit**

**3)SPINDOLA Serafin Diaz**

**4)YAVUZ Mehmet**

---

(57) Abstract :

Adaptive De-Jitter Buffer for Voice over IP (VoIP) for packet switch communications. The de-jitter buffer methods and apparatus presented avoid playback of underflows while balancing end-to-end delay. In one example, the de-jitter buffer is recalculated at the beginning of each talkspurt. In another example, talkspurt packets are compressed upon receipt of all remaining packets.

No. of Pages : 89 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/05/2009

(21) Application No.857/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : TRIAZOLO-PYRIDAZINE PROTEIN KINASE MODULATORS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D 487/04       |
| (31) Priority Document No                     | :60/862,552        |
| (32) Priority Date                            | :23/10/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/081832 |
| Filing Date                                   | :18/10/2007        |
| (87) International Publication No             | :WO2008/051805A3   |
| (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)SGX PHARMACEUTICALS INC

Address of Applicant :10505 ROSCILE STREET, CITY OF SAN DIEGO, STATE OF CALIFORNIA 92121, UNITED STATES OF AMERICA. U.S.A.

(72)Name of Inventor :

1)CHRISTOPHER RONALD SMITH

2)PIERRE YVES BOUNAUD

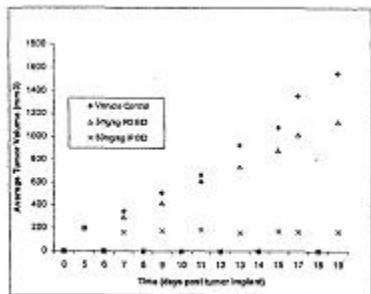
3)ELIZABETH ANNE JEFFERSON

4)PATRICK S LEE

5)EDUARDO TORRES

(57) Abstract :

The present disclosure relates to triazolopyridazine protein kinase modulators of Formula (I), methods of using these compounds to treat diseases mediated by kinase activity.



No. of Pages : 285 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/05/2009

(21) Application No.868/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : "3-(DIHYDRO-1H-PYRAZOLO [4,3-D] PYRIMIDIN-5-YL)-4-PROPOXYBENZENESULFONAMIDE DERIVATIVES AND METHODS OF USE"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D 487/04       |
| (31) Priority Document No                     | :60/853.234        |
| (32) Priority Date                            | :20/12/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/082157 |
| Filing Date                                   | :22/10/2007        |
| (87) International Publication No             | :WO 2008/070313 A3 |
| (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.**

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LEXINGTON, MASSACHUSETTS 02421, U.S.A. U.S.A.

(72)**Name of Inventor :**

**1)ROGER TUNG**

(57) Abstract :

This invention relates to novel 3-(dihydro-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4- propoxybenzenesulfonamide compounds, their derivatives, pharmaceutically acceptable salts, solvates, and hydrates 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 inhibitors of cyclic guanosine 3",5"- monophosphate specific phosphodiesterase (cGMP- specific PDE), in particular PDE5.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2009

(21) Application No.875/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : APPLYING SOLID CARBON DIOXIDE TO A TARGET MATERIAL

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A62C 3/00         |
| (31) Priority Document No                     | :11/542,324        |
| (32) Priority Date                            | :02/10/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/073365 |
| Filing Date                                   | :12/07/2007        |
| (87) International Publication No             | :WO 2008/042488 A2 |
| (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)CRYO RESPONSE,INC.**

Address of Applicant :16800 E. EL LAGO BLVD, #2040,  
FOUNTAIN HILLS,AZ 85268. U.S.A.

(72)Name of Inventor :

**1)DEMANGE, ALBERT**

**2)NOEL, CHRISTOPHER**

**3)ZEILHOFER, GERALD**

(57) Abstract :

Delivery of pelletized carbon dioxide (dry ice) to a target material from a distance, by projection, spraying, or aerial dropping the pelletized carbon dioxide onto the target material using gravity. Delivery may be made by a mobile apparatus. The types of target material with which the present invention is designed to apply may include, e.g., hydrocarbon material, hazardous material, burning material, and the like. The carbon dioxide may be pelletized to diameters in a size range of about 3 mm to 100 mm.

No. of Pages : 29 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2009

(21) Application No.880/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SUPERSTRONG ADHESIVE TAPE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C09J 7/02         |
| (31) Priority Document No                     | :NA                |
| (32) Priority Date                            | :NA                |
| (33) Name of priority country                 | :NA                |
| (86) International Application No             | :PCT/JP2006/319965 |
| Filing Date                                   | :05/10/2006        |
| (87) International Publication No             | :WO2008/044266A1   |
| (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)MUSASHI CHEMICALS INDUSTRY CO LTD

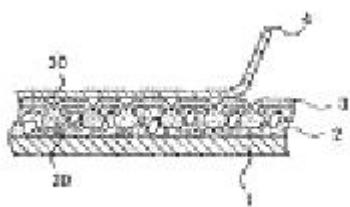
Address of Applicant :6-1, NISHINIPPORI 2-CHOME,  
ARAKAWA-KU, TOKYO-1160013, JAPAN. Japan

(72)Name of Inventor :

1)YAMADA FUMIKAZU

(57) Abstract :

A superstrong adhesive tape that in a strongly viscous structure simultaneously having an adhesive function and an adsorptive function, realizes an enhanced bonding strength. There is provided a superstrong adhesive tape comprising plastic foam material (2) having holes (20) opening on its adhesion-object-object side; and adhesive agent layer (3) fitted on the adhesion-object side of the plastic foam material (2) so as to form depressed portions (30) at positions corresponding to the holes (20). The depressed portions (30) are deformed into nearly planar configuration in conformity with any compressive deformation of the plastic foam material (2), and exert an adsorptive of the plastic foam material (2), and exert an adsorptive function in accordance with the elastic recovery of the plastic foam material (2).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/05/2009

(21) Application No.883/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : TALARAZOLE METABOLITES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D 233/00       |
| (31) Priority Document No                     | :60/851,989        |
| (32) Priority Date                            | :17/10/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/081685 |
| Filing Date                                   | :10/10/2007        |
| (87) International Publication No             | :WO2008/049027A1   |
| (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)STIEFEL LABORATORIES INC

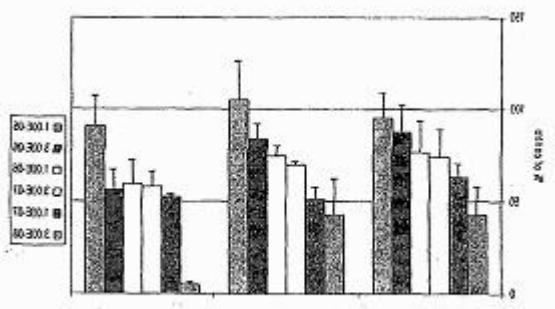
Address of Applicant :255 ALHAMBRA CIRCLE, CORAL GABLES, FLORIDA 33134, UNITED STATES OF AMERICA. U.S.A.

(72)Name of Inventor :

1)BARRETT DEBRA

(57) Abstract :

Novel metabolites of talarazole of formula (I) have been isolated and characterized, wherein R = HT OH, OSO<sub>3</sub>H or O-gly; R<sub>1</sub> = H, OH, OSO<sub>3</sub>H, O-gly or =O; and gly = a glucuronate, or a pharmaceutically acceptable salt thereof. These compounds are targeted for the treatment of various skin-, hair- and nail-associated disorders.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/05/2009

(21) Application No.890/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : "DECISION METHOD FOR INTER-FREQUENCY HARD HANDOFFS IN A WCDMA SYSTEM AND A WCDMA HARD HANDOFF SYSTEM"

|                                               |                    |                                                          |
|-----------------------------------------------|--------------------|----------------------------------------------------------|
| (51) International classification             | :H04Q 7/38         | (71) <b>Name of Applicant :</b>                          |
| (31) Priority Document No                     | :02136456.7        | <b>1)ZTE CORPORATION</b>                                 |
| (32) Priority Date                            | :08/08/2002        | Address of Applicant :ZTE Plaza Keji Road South Hi-Tech  |
| (33) Name of priority country                 | :China             | Industrial Park Nanshan District Shenzhen City Guangdong |
| (86) International Application No             | :PCT/CN2003/000567 | 518057 P.R. China China                                  |
| Filing Date                                   | :15/07/2003        | (72) <b>Name of Inventor :</b>                           |
| (87) International Publication No             | :wo/2004/015901    | <b>1)HUANG Shenghua</b>                                  |
| (61) Patent of Addition to Application Number | :NA                | <b>2)ZHENG Tao</b>                                       |
| Filing Date                                   | :NA                | <b>3)ZHU Fusheng</b>                                     |
| (62) Divisional to Application Number         | :614/DELNP/2005    | <b>4)XU Bin</b>                                          |
| Filed on                                      | :17/02/2005        |                                                          |

(57) Abstract :

The present invention publishes the method of using the subscriber's equipment event to active the report to control the frequency hard hand-off in the wideband code division multiple access communication system, this method applies to multiple frequency coverage geographical cell. The characteristic is, the wireless network controller receive the subscriber's equipment report, then according to the event to decide or perform. The present method is logical and high efficiency, and can implement the frequency hand-off that the wideband code division multiple access communication system required, and can improve the communication quality and reduce the transmitting power of the subscriber's equipment, and can reduce the interference to other cell, and can increase system capacity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2009

(21) Application No.901/MUMNP/2009 A

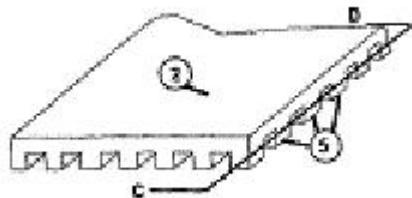
(43) Publication Date : 03/07/2009

(54) Title of the invention : UNDERLAY SHEET AND METHOD FOR MANUFACTURE THEREOF

|                                               |                    |                                              |
|-----------------------------------------------|--------------------|----------------------------------------------|
| (51) International classification             | :E04F 15/18        | (71)Name of Applicant :                      |
| (31) Priority Document No                     | :U20060454         | 1)WIEMERS HELMUT                             |
| (32) Priority Date                            | :01/11/2006        | Address of Applicant :PAJARINPOLKU 15, 46400 |
| (33) Name of priority country                 | :Finland           | KAIPIAINEN, FINLAND. Finland                 |
| (86) International Application No             | :PCT/FI2007/050584 | (72)Name of Inventor :                       |
| Filing Date                                   | :31/10/2007        | 1)WIEMERS HELMUT                             |
| (87) International Publication No             | :WO2008/053077A1   |                                              |
| (61) Patent of Addition to Application Number | :NA                |                                              |
| Filing Date                                   | :NA                |                                              |
| (62) Divisional to Application Number         | :NA                |                                              |
| Filing Date                                   | :NA                |                                              |

(57) Abstract :

The invention relates to an underlay sheet and to a method for the manufacture thereof. In accordance with the invention, the underlay sheet is substantially a uniform structure, comprising two layers connected to each other, the first and upper layer (3) being a film layer, and the second and lower layer (2) being a sub-layer substantially formed of one material and comprising a plate-like part and projections (5) arranged on the lower surface of the plate-like part at a distance from each other and in accordance with a predetermined pattern, such that grooves for the air flow are formed between the projections.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2009

(21) Application No.902/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : DIAGNOSIS AND RISK ASSESSMENT OF PANCREATIC DIABETES USING MR-PROADM

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G01N 33/50        |
| (31) Priority Document No                     | :102006052916.2    |
| (32) Priority Date                            | :08/11/2006        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/DE2007/002018 |
| Filing Date                                   | :08/11/2007        |
| (87) International Publication No             | :WO2008/055491A2   |
| (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)BERGMANN ANDREAS**

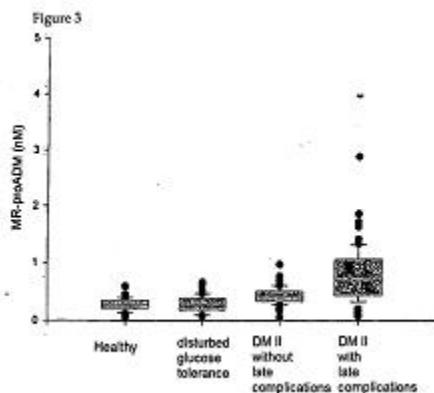
**2)MORGENTHALER NILS**

**3)PAPASSOTIRIOU JANA**

**4)STRUCK JOACHIM**

(57) Abstract :

The invention relates to a method for diagnosis and/or risk assessment of pancreatic diabetes, in particular of diabetic sequelae, wherein a determination of the marker mid-regional proAdrenomedullin (MR-proADM:SEQ ID No. 2) or a partial peptide or fragment thereof or if contained in a marker combination (Panel, Cluster) is carried out on a patient under investigation. The invention further relates to a diagnostic device and a kit for carrying out said method.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2009

(21) Application No.905/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD FOR THE FUNCTIONAL MEASUREMENT OF PLASMATIC THROMBODULINE ACTIVITY

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C12Q 1/56         |
| (31) Priority Document No                     | :06/10444          |
| (32) Priority Date                            | :29/11/2006        |
| (33) Name of priority country                 | :France            |
| (86) International Application No             | :PCT/FR2007/001955 |
| Filing Date                                   | :28/11/2007        |
| (87) International Publication No             | :WO2008/081094A2   |
| (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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92600 ASNIERES, FRANCE. France

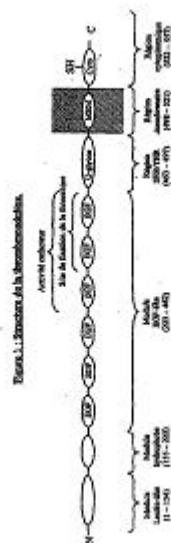
(72)**Name of Inventor :**

**1)VANDREDEN PATRICK**

**2)ROUSSEAU AURELIE**

(57) Abstract :

The invention relates to a method for the in vitro measurement of the thromboduline functional activity, wherein said method comprises dosing in a biological medium, and from a biological sample, the thrombine-activation of C protein into activated C protein (PCa) in the presence of its co-factor or said thromboduline, said method comprising adding to the sample plasma the agents necessary for activating the C protein system, adding purified C protein and also adding a fibrin polymerisation inhibitor. The invention further relates to the application of said method in the detection of coagulation pathologies.



No. of Pages : 49 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/05/2009

(21) Application No.878/MUMNP/2009 A

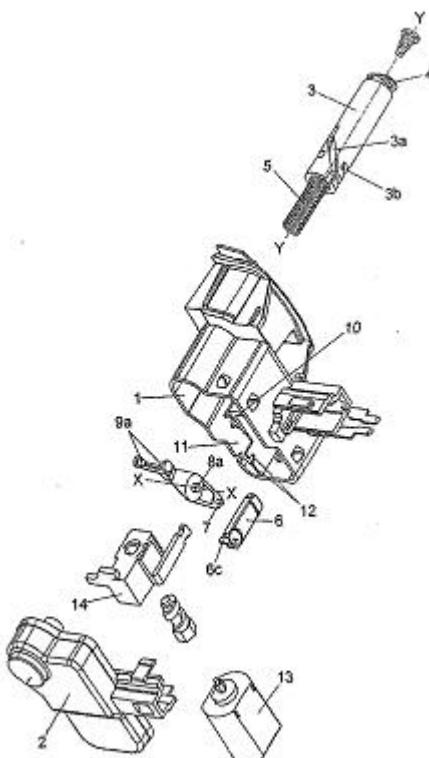
(43) Publication Date : 03/07/2009

(54) Title of the invention : OPENING AND CLOSING DEVICE FOR LIDS

|                                               |                    |                                                    |
|-----------------------------------------------|--------------------|----------------------------------------------------|
| (51) International classification             | :E05C 19/02        | (71)Name of Applicant :                            |
| (31) Priority Document No                     | :MC2006A000150     | 1)SO. GE,MI. -S.P.A.                               |
| (32) Priority Date                            | :13/11/2006        | Address of Applicant :30, VIA IV NOVEMBRE, 1-12025 |
| (33) Name of priority country                 | :Italy             | DRONERO (CN) ITALY. Italy                          |
| (86) International Application No             | :PCT/IT2007/000673 | (72)Name of Inventor :                             |
| Filing Date                                   | :27/09/2007        | 1)PERSIANI, LUIGI                                  |
| (87) International Publication No             | :WO 2008/059543    | 2)ROSSETTI, GIUSEPPE                               |
|                                               | A1                 |                                                    |
| (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 opening and closing device of push-push type for lids, with particular reference to the lids of fuel tanks in cars and motorcycles, which uses a mechanism comprising a heart-shaped cam (6) and a roto-translating pin (3), in which the cam (6) is positioned in detached and parallel position with respect to the roto-translating pin (3) and in which the heart-shaped cam (6) and the pin (3) are connected by means of a rocker (8).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2009

(21) Application No.899/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PHARMACOLOGICALLY ACTIVE N, N' - SUBSTITUTED 3, 7 - DIAZABICYCLO [3. 3. 1] NONANES PHARMACEUTICAL COMPOSITIONS BASED THEREON AND A METHOD FOR THE USE THEREOF

|                                                                 |                                   |
|-----------------------------------------------------------------|-----------------------------------|
| (51) International classification                               | :C07D 471/08                      |
| (31) Priority Document No                                       | :2006138456                       |
| (32) Priority Date                                              | :01/11/2006                       |
| (33) Name of priority country                                   | :Russia                           |
| (86) International Application No<br>Filing Date                | :PCT/RU2007/000595<br>:29/10/2007 |
| (87) International Publication No                               | :WO2008/054252A1                  |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |

**(71)Name of Applicant :**

**1)INSTITUTE OF PHYSIOLOGICALLY ACTIVE  
COMPOUNDS OF THE RUSSIAN ACADEMY OF  
SCIENCES (IPAC RAN)**

Address of Applicant :SEVERNYY PROEZD, 1,  
CHERNOGOLOVKA, NOGINSKY, R-N, MOSKOVSKAYA  
OBL., 142432, RUSSIAN FEDERATION. Russia

**(72)Name of Inventor :**

- 1)BACHURIN SERGEY OLEGOVICH**
- 2)GRIGOR'EV VLADIMIR VIKTOROVICH**
- 3)ZEFIROV NIKOLAY SERAFIMOVICH**
- 4)LAVROV MSTISLAV IGOREVICH**
- 5)LAPTEVA VERA LEONIDOVNA**
- 6)PALYULIN VLADIMIR ALEKSANDROVICH**

**(57) Abstract :**

N,N'-substituted 3,7-diazabicyclo[3.3.1]nonanes of general formula 1 wherein meanings of radicals correspond to the meanings indicated in the specification, having the property of the both positive allosteric modulators of the AMPA receptors, and potential AMPA receptor blockers, are used for the treatment and prevention of neurodegenerative diseases, and may be particularly used for the treatment of AD {Alzheimer's disease}, PD (Parkinson's s disease), and other neurodegenerative pathologies. The instant invention also relates to pharmaceutical compositions of compounds 1 and to a method for the treatment of the diseases indicated above.

No. of Pages : 58 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2009

(21) Application No.907/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : CONDITIONING SHAMPOO COMPOSITIONS

---

(51) International classification

:A61K 8/34

(31) Priority Document No

:EP06123679

(32) Priority Date

:08/11/2006

(33) Name of priority country

:EUROPEAN  
UNION

(86) International Application No

:PCT/EP2007/061678

Filing Date

:30/10/2007

(87) International Publication No

:WO 2008/055816  
A1

(61) Patent of Addition to Application  
Number

:NA

:NA

(62) Divisional to Application Number

:NA

:NA

(71)Name of Applicant :

**1)HINDUSTAN UNILEVER LIMITED**

Address of Applicant :HINDUSTAN LEVER HOUSE, 165-  
166 BACKBAY RECLAMATION, MUMBAI-400 020, INDIA.  
Maharashtra India

(72)Name of Inventor :

**1)GILES COLIN CHRISTOPHER DAVID**

**2)SINSAWAT ANUCHAI**

---

(57) Abstract :

An aqueous conditioning shampoo composition comprising an anionic cleansing surfactant and a gel network comprising: (i) a fatty material selected from C12-C22 fatty alcohol, C12-C22 fatty acid, C12-C22 fatty amide or mixtures thereof and (ii) hydrophobic particulates having a melting point of greater than that of the fatty material.

No. of Pages : 27 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2009

(21) Application No.908/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : SELF ADHESIVE HARD SURFACE CLEANING BLOCK

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C11D 3/18         |
| (31) Priority Document No                     | :EP06124234        |
| (32) Priority Date                            | :16/11/2006        |
| (33) Name of priority country                 | :EUROPEAN UNION    |
| (86) International Application No             | :PCT/EP2007/061823 |
| Filing Date                                   | :02/11/2007        |
| (87) International Publication No             | :WO 2008/058853    |
|                                               | 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)HINDUSTAN UNILEVER LIMITED**

Address of Applicant :HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, MUMBAI-400 020, INDIA Maharashtra India

(72)**Name of Inventor :**

**1)BOLZONI GIUSEPPE VINCENZO**

**2)VALCARENghi IVAN**

**3)DEL FIOL DANIELE**

---

(57) Abstract :

The present invention relates to self adhesive hard surface cleaning blocks, and their use. It is an object of the present invention to provide a detergent block that can be easily positioned onto a hard surface; even a wet surface. It is a further object of the invention to provide a detergent block that rinses away in a number of flushes, and does not leave behind any residue that cannot be easily removed with e.g. a toilet brush. We have found that a hard surface cleaning block comprising an adhesive phase meets at least one of these objects. Methods of washing dishes in a sink or in a dishwashing machine are also claimed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2009

(21) Application No.909/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : FABRIC TREATMENT METHOD AND COMPOSITION TO IMPART DIFFERENTIAL HYDROPHOBICITY

|                                               |                       |
|-----------------------------------------------|-----------------------|
| (51) International classification             | :D06M 11/44           |
| (31) Priority Document No                     | :0623004.9            |
| (32) Priority Date                            | :17/11/2006           |
| (33) Name of priority country                 | :U.K.                 |
| (86) International Application No             | :PCT/EP2007/061280    |
| Filing Date                                   | :22/10/2007           |
| (87) International Publication No             | :WO 2008/058831<br>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)HINDUSTAN UNILEVER LIMITED**

Address of Applicant :HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, MUMBAI-400 020, INDIA.  
Maharashtra India

(72)**Name of Inventor :**

**1)BOARDMAN CHRISTOPHER**

**2)LEE KENNETH STUART**

(57) Abstract :

A fabric softening composition comprising a fabric softening compound and from 5 to 50 % by weight, preferably 5 to 25 % by weight of the composition of a material (HH material) capable of changing its hydrophobic/hydrophilic properties in response to an activation step.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2009

(21) Application No.910/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : FABRIC TREATMENT METHOD AND COMPOSITION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C11D 3/00         |
| (31) Priority Document No                     | :0623005.6         |
| (32) Priority Date                            | :17/11/2006        |
| (33) Name of priority country                 | :U.K.              |
| (86) International Application No             | :PCT/EP2007/061291 |
| Filing Date                                   | :22/10/2007        |
| (87) International Publication No             | :WO 2008/058833    |
|                                               | 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)HINDUSTAN UNILEVER LIMITED**

Address of Applicant :HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMTION, MUMBAI-400 020, INDIA.  
Maharashtra India

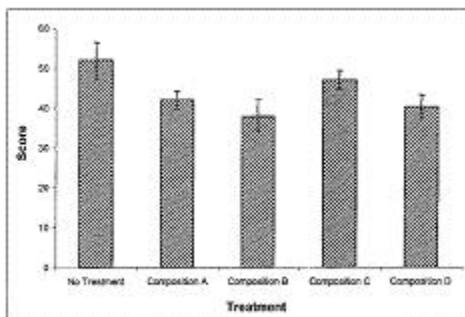
(72)**Name of Inventor :**

**1)BOARDMAN CHRISTOPHER**

**2)LEE KENNETH STUART**

(57) Abstract :

A fabric softening composition comprising a fabric softening compound and a material having a thermal phase transition temperature in the range 26 to 39°C encapsulated in a polymer shell (TPTT material) to provide encapsulated particles having a particle size in the ranges from 10 nm to 1000 µm, preferably from 50 nm to 100 µm, more preferably 0.2 to 20 µm.



No. of Pages : 35 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2009

(21) Application No.906/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : CONDITIONING SHAMPOO COMPOSITIONS

|                                               |                    |                                                                                                  |
|-----------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K 8/34         | (71) <b>Name of Applicant :</b>                                                                  |
| (31) Priority Document No                     | :EP06123676        | <b>1)HINDUSTAN UNILEVER LIMITED</b>                                                              |
| (32) Priority Date                            | :08/11/2006        | Address of Applicant :HINDUSTAN LEVER HOUSE, 165-166, BACKBAY RECLAMATION, MUMBAI-400020, INDIA. |
| (33) Name of priority country                 | :EUROPEAN UNION    | Maharashtra India                                                                                |
| (86) International Application No             | :PCT/EP2007/061677 | (72) <b>Name of Inventor :</b>                                                                   |
| Filing Date                                   | :30/10/2007        | <b>1)GILES COLIN CHRISTOPHER DAVID</b>                                                           |
| (87) International Publication No             | :WO2008/055815A1   | <b>2)SINSAWAT ANUCHAI</b>                                                                        |
| (61) Patent of Addition to Application Number | :NA                |                                                                                                  |
| Filing Date                                   | :NA                |                                                                                                  |
| (62) Divisional to Application Number         | :NA                |                                                                                                  |
| Filing Date                                   | :NA                |                                                                                                  |

(57) Abstract :

An aqueous conditioning shampoo composition comprising an anionic cleansing surfactant and a gel network comprising: (i) a fatty material selected from C12-C22 fatty alcohol, C12-C22 fatty acid, C12-C22 fatty amide or mixtures thereof and (ii) particles having platelet morphology and melting point greater than that of the fatty material.

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2009

(21) Application No.914/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : METHOD FOR THE PRODUCTION OF AN AGENT AGAINST AN INFECTIOUS DISEASE

|                                               |                       |
|-----------------------------------------------|-----------------------|
| (51) International classification             | :A61K 36/07           |
| (31) Priority Document No                     | :102006052504.3       |
| (32) Priority Date                            | :06/11/2006           |
| (33) Name of priority country                 | :Germany              |
| (86) International Application No             | :PCT/EP2007/009490    |
| Filing Date                                   | :31/10/2007           |
| (87) International Publication No             | :WO 2008/055620<br>A2 |
| (61) Patent of Addition to Application Number | :NA<br>:NA            |
| Filing Date                                   | :NA                   |
| (62) Divisional to Application Number         | :NA                   |
| Filing Date                                   | :NA                   |

(71)Name of Applicant :

1)TEMPER, RUPERT

Address of Applicant :27, OBERGASSOLDING, A-4342  
BGB, AUSTRIA. Australia

(72)Name of Inventor :

1)TEMPER, RUPERT

(57) Abstract :

Disclosed is a method for producing an agent against an infectious disease, particularly HIV, Ebola, or similar. In said method, a pressurized, especially medical oxygen is swirled into a solution containing at least one plant component particularly in the form of an extract.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2009

(21) Application No.930/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : FLAT ROOF ATTACHMENT WITH SOLAR MODULES

|                                                  |                                   |
|--------------------------------------------------|-----------------------------------|
| (51) International classification                | :F24J 2/52                        |
| (31) Priority Document No                        | :202006016382.4                   |
| (32) Priority Date                               | :20/10/2006                       |
| (33) Name of priority country                    | :Germany                          |
| (86) International Application No<br>Filing Date | :PCT/EP2007/007083<br>:10/08/2007 |
| (87) International Publication No                | :WO 2008/022719<br>A1             |
| (61) Patent of Addition to Application<br>Number | :NA                               |
| Filing Date                                      | :NA                               |
| (62) Divisional to Application Number            | :NA                               |
| Filing Date                                      | :NA                               |

(71)Name of Applicant :

1)HB ENERGietechnik VERWALTUNGS GMEH

Address of Applicant :KUPFERSTR.6, 33378 RHEDA-WIEDENBRUECK, GERMANY. Germany

(72)Name of Inventor :

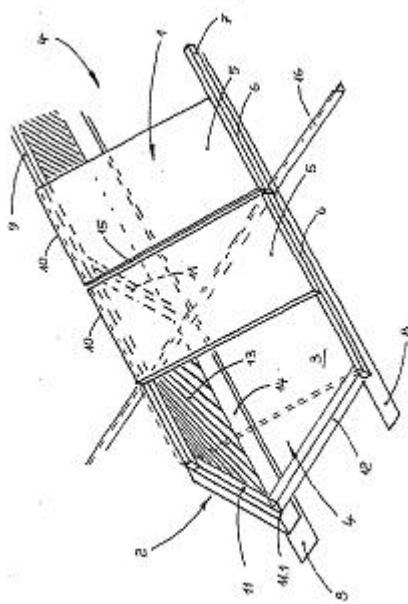
1)HOEFT, KLAUS-DIETER

2)DUHAY, JOHANNES

3)KEMPKENSTEFFEN, JOSEF

(57) Abstract :

A flat roof attachment of this type has a supporting framework on which the solar modules (5) are accommodated, wherein the solar modules (5) are arranged on a first attachment side (1) in a manner such that they adjoin one another in a plane which is inclined with respect to the roof skin (3) and such that they are aligned with one another by their upper and lower edges (6, 10) in each case in a parallel direction to the roof skin (3). In order to counteract wind loads using an aerodynamic support, a wind-blocking or windproof connection is provided between the lower edges (6) of the solar modules (5) and the roof skin (3), and the second attachment side (2) is designed with a solid wall between the upper edges (10) of the solar modules (5) and the roof skin (3) and is inclined in the opposite direction relative to the solar modules (5). In this case, the two attachment end sides (4) and the lower side of the attachment are open towards the roof skin (3).



No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/05/2009

(21) Application No.934/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : PROCESS FOR PREPARING INDOL-5-OXY-QUINAZOLINE DERIVATIVES AND INTERMEDIATES

|                                                  |                                   |
|--------------------------------------------------|-----------------------------------|
| (51) International classification                | :C07D 209/08                      |
| (31) Priority Document No                        | :60/864,036                       |
| (32) Priority Date                               | :02/11/2006                       |
| (33) Name of priority country                    | :U.S.A.                           |
| (86) International Application No<br>Filing Date | :PCT/GB2007/004176<br>:01/11/2007 |
| (87) International Publication No                | :WO2008/053221A3                  |
| (61) Patent of Addition to Application<br>Number | :NA                               |
| Filing Date                                      | :NA                               |
| (62) Divisional to Application Number            | :NA                               |
| Filing Date                                      | :NA                               |

(71)**Name of Applicant :**

**1)ASTRAZENECA AB**

Address of Applicant :SE-151 85 SODERTALJE, SWEDEN.  
Sweden

(72)**Name of Inventor :**

**1)ARNOTT EUAN ALEXANDER**

**2)CROSBY JOHN**

**3)EVANS MATTHEW CHARLES**

**4)FORD JAMES GAIR**

**5)JONES MARTIN FRANCIS**

**6)LESLIE KEVIN WILLIAM**

**7)MCFARLANE IAN MICHAEL**

**8)SEPENDA GEORGE JOSEPH**

---

(57) Abstract :

The present invention relates to chemical processes for the manufacture of certain quinazoline derivatives, or pharmaceutically acceptable salts thereof. The invention also relates to processes for the manufacture of certain intermediates useful in the manufacture of the quinazoline derivatives and to processes for the manufacture of the quinazoline derivatives utilising said intermediates. In particular, the present invention relates to chemical processes and intermediates useful in the manufacture of the compound 4-(4-fluoro-2-methylindol-5-yloxy)-6-methoxy-7-(3-pyrrolidin-1-ylpropoxy)quinazoline.

No. of Pages : 69 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/05/2009

(21) Application No.936/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : DIAGNOSIS AND RISK STRATIFICATION OF INFECTIONS AND CHRONIC DISEASES OF THE RESPIRATORY TRACT AND LUNGS BY MEANS PROVASOPRESSIN PARTICULARLY COPEPTIN NEUROPHYSIN II

|                                               |                    |                                                |
|-----------------------------------------------|--------------------|------------------------------------------------|
| (51) International classification             | :G01N 33/50        | (71) <b>Name of Applicant :</b>                |
| (31) Priority Document No                     | :102006053442.5    | <b>1)BRAHMS AKTIENGESELLSCHAFT</b>             |
| (32) Priority Date                            | :12/11/2006        | Address of Applicant :NEUENDORFERSTR 25, 16761 |
| (33) Name of priority country                 | :Germany           | HENNINGSDORF, GERMANY. Germany                 |
| (86) International Application No             | :PCT/DE2007/002037 | (72) <b>Name of Inventor :</b>                 |
| Filing Date                                   | :11/11/2007        | <b>1)BERGMANN ANDREAS</b>                      |
| (87) International Publication No             | :WO2008/058517A2   | <b>2)MORGENTHALER NILS</b>                     |
| (61) Patent of Addition to Application Number | :NA                | <b>3)PAPASSOTIRIOU JANA</b>                    |
| Filing Date                                   | :NA                | <b>4)STRUCK JOACHIM</b>                        |
| (62) Divisional to Application Number         | :NA                | <b>5)MUELLER BEAT</b>                          |
| Filing Date                                   | :NA                |                                                |

(57) Abstract :

The invention relates to a method for diagnosing and/or stratifying the risk of infections or chronic diseases of the respiratory tract and lungs, particularly lower respiratory tract infections and chronic obstructive pulmonary disease. In said method, provasopressin (proAVP) or fragments or partial peptides thereof, especially copeptin or neuropeptin II, is/are determined. The invention further relates to suitable biomarker combinations for in-vitro diagnosis.

Amino acid sequence pre-provasopressin:

MPOTRILPAGF IGLLAFSSAC TFGQNGPRDKK PAMEDELRLQI CLPGCGGGKGQ RGFIPPSQCA 60  
DELOCPVATA EALRSQEEEMY LPSPGCGGSGRK AGGSSGGGCAA FNGCQWESG VTEREGRDFP 120  
HRRARASDRS HATOLQSSPAQ ALLLKLWVLA QMMQKFLAQI RDAY 164

1-19      Signal sequence

20-29    ARG-VASOPRESSIN

32-134    NEUROPHYSIN II

126-164    COPEPTIN

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2008

(21) Application No.942/MUMNP/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : FLEXIBLE SYSTEM FOR DISTRIBUTING CONTENT TO A DEVICE

(51) International classification :H04Q7/22  
(31) Priority Document No :11/270,165  
(32) Priority Date :08/11/2005  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2006/060689  
Filing Date :08/11/2006  
(87) International Publication No :WO2007/056756A3  
(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 :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714, U.S.A.

(72)Name of Inventor :

1)COLLINS, BRUCE

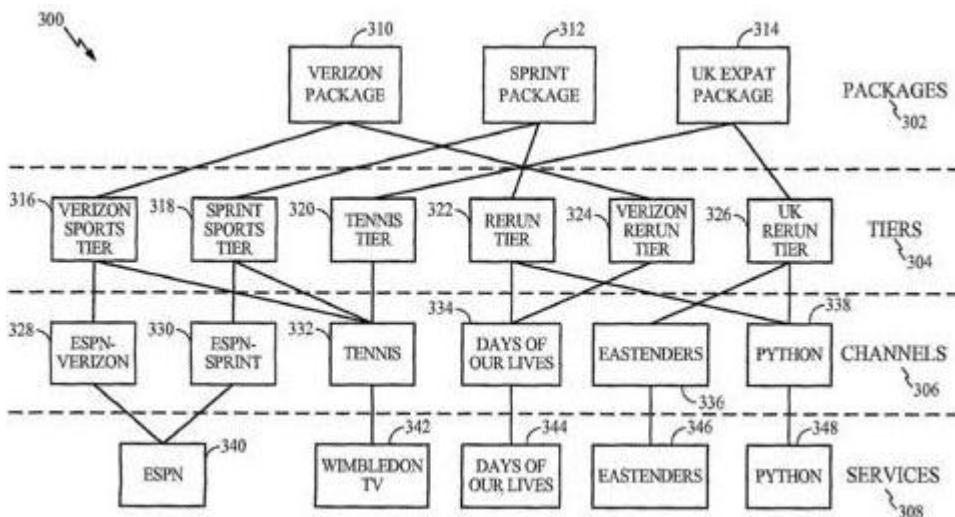
2)WALKER, GORDON, KENT

3)CHEN, AN MEI

4)PAZOS, CARLOS, MARCELO, DIAS

(57) Abstract :

A flexible system for distributing content to a device involves associating a set of packages with a provider, associating a set of tiers with a package, associating a set of channels with a tier, and allowing subscription to a package of services associated with the provider, wherein a channel is a view of a service, the view based on the provider associated with the service.



No. of Pages : 58 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2009

(21) Application No.911/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : PROCESS FOR PREPARING TRITYL OLMESARTAN MEDOXOMIL AND OLMESARTAN MEDOXOMIL

|                                               |                    |                                                                                                                                                        |
|-----------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D 405/14       | (71) <b>Name of Applicant :</b>                                                                                                                        |
| (31) Priority Document No                     | :1663/MUM/2006     | <b>1)CIPLA LIMITED</b><br>Address of Applicant :289 BELLASIS ROAD, MUMBAI 400 008, INDIA. Maharashtra India                                            |
| (32) Priority Date                            | :09/10/2006        | (72) <b>Name of Inventor :</b>                                                                                                                         |
| (33) Name of priority country                 | :India             | <b>1)PATHI, SRINIVAS, LAXMINARAYAN</b><br><b>2)PUPPALA, RAVIKUMAR</b><br><b>3)KANKAN, RAJENDRA, NARAYANRAO</b><br><b>4)RAO, DHARMARAJ, RAMACHANDRA</b> |
| (86) International Application No             | :PCT/GB2007/003821 |                                                                                                                                                        |
| Filing Date                                   | :09/10/2007        |                                                                                                                                                        |
| (87) International Publication No             | :WO 2008/043996 A2 |                                                                                                                                                        |
| (61) Patent of Addition to Application Number | :NA                |                                                                                                                                                        |
| Filing Date                                   | :NA                |                                                                                                                                                        |
| (62) Divisional to Application Number         | :NA                |                                                                                                                                                        |
| Filing Date                                   | :NA                |                                                                                                                                                        |

(57) Abstract :

A process for the preparation of trityl olmesartan comprising (a) condensing 4- (1-hydroxy- 1-methylethyl) -2-propyl-imidazol-5-carboxylic acid alkyl ester with trityl biphenyl bromide in the presence of a polar aprotic solvent and a base selected from the group consisting of alkali metal carbonates, alkali metal hydroxides, alkali metal alkoxides, and tertiary amines to obtain a compound of formula (V).

No. of Pages : 27 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2009

(21) Application No.949/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : A SWEET POTATO BEVERAGE AND ITS PROCESS METHOD THEREOF

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A23L 2/02         |
| (31) Priority Document No                     | :200610136745.6    |
| (32) Priority Date                            | :23/11/2006        |
| (33) Name of priority country                 | :China             |
| (86) International Application No             | :PCT/CN2007/002511 |
| Filing Date                                   | :20/08/2004        |
| (87) International Publication No             | :WO2008/061422A1   |
| (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)LI FUGEN**

Address of Applicant :LIU YANG BIOLOGY AND  
MEDECINE GARDEN, LIU YANG, HUNAN 410323, CHINA.  
China

(72)**Name of Inventor :**

**1)LI FUGEN**

**2)ZHANG ZONGXIAN**

---

(57) Abstract :

A sweet potato beverage and its process method thereof, the sweet beverage is produced with sweet potato in 100 weight part, bio-enzyme in 0.2-0.6 weight part, including cooking sweet potato, putting potato in blender, adding enzyme and water, smashing the mixture so as to form slurry, putting the slurry in container, fermenting and saccharifying for 2.5-4.5 hours under 50-60°C, squeezing, decoloring, filtrating, sterilizing and canning. Adding blend step is also permitted after the step of producing fumet beverage so as to produce all sorts of flavor drinks.

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2009

(21) Application No.950/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : METHOD FOR THE PURIFICATION OF AT LEAST ONE TARGET SUBSTANCE THAT IS TO BE IDENTIFIED

|                                               |                       |                                              |
|-----------------------------------------------|-----------------------|----------------------------------------------|
| (51) International classification             | :G01N 33/543          | (71) <b>Name of Applicant :</b>              |
| (31) Priority Document No                     | :102006052923.5       | <b>1)PETER, JOCHEN</b>                       |
| (32) Priority Date                            | :08/11/2006           | Address of Applicant :HÖMLESTRASSE 20, 82362 |
| (33) Name of priority country                 | :Germany              | WEILHEIM, GERMANY Germany                    |
| (86) International Application No             | :PCT/EP2007/009648    | (72) <b>Name of Inventor :</b>               |
| Filing Date                                   | :07/11/2007           | <b>1)PETER, JOCHEN</b>                       |
| (87) International Publication No             | :WO 2008/055671<br>A2 |                                              |
| (61) Patent of Addition to Application Number | :NA                   |                                              |
| Filing Date                                   | :NA                   |                                              |
| (62) Divisional to Application Number         | :NA                   |                                              |
| Filing Date                                   | :NA                   |                                              |

(57) Abstract :

Disclosed is a method for purifying at least one target substance that is to be identified and is present or is formed in a cell culture medium when cells are cultivated. In said method, magnetic particles, i.e. beads, to the functionalized surface of which the target substance selectively attaches, are added to the cell culture medium, and the particles to which the target substance is attached are selected out of the cell culture medium by applying a magnetic field. The method is characterized by the following steps: a serum substitute is provided that is obtained from a natural serum and is free or virtually free of low-molecular substances having a maximum mass of 60 kDa, particularly a maximum mass of 10 kDa; the serum substitute is admixed to the cell culture medium which already contains the cells or to which the cells are added; the cells are incubated in the cell culture medium enriched with serum substitute; at least some of the cell culture supernatant formed during the incubation is separated; the cell culture supernatant is filtered by means of an ultrafiltering process so as to obtain a retentate; the beads are supplied in such a way that the functionalized surface of the beads comprises a plurality of dendrimers containing up to 10 branches, i.e. ten generations, the terminal points of the last generation of each dendrimer being modified; the beads and the retentate are admixed to a buffer solution so as to obtain a mixture; the target substances contained in the retentate are incubated and are fixed to the beads; and the magnetic beads are magnetically selected out of the mixture.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2009

(21) Application No.955/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD FOR LOADING AND MANAGING AN APPLICATION IN A MOBILE EQUIPMENT

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G06F 9/445        |
| (31) Priority Document No                     | :EP06291665.5      |
| (32) Priority Date                            | :23/10/2006        |
| (33) Name of priority country                 | :EUROPEAN UNION    |
| (86) International Application No             | :PCT/EP2007/061221 |
| Filing Date                                   | :19/10/2007        |
| (87) International Publication No             | : WO/2008/049792   |
| (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)NAGRAVISION SA

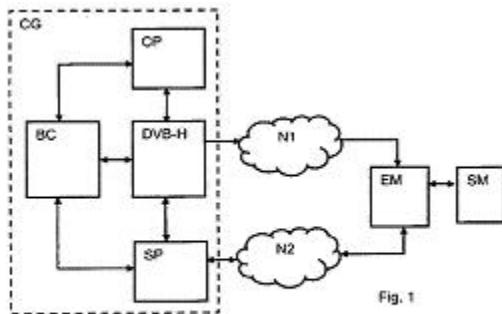
Address of Applicant :ROUTE DE GENÉVE 22-24 CH-1033 CHESEAUX-SURLAUSANNE, SWITZERLAND Switzerland

(72)Name of Inventor :

1)WENDLJNG BERTRAND

(57) Abstract :

The present invention relates to a method for loading and managing a software application in a mobile equipment for receiving digital data from broadcasted mobile television services, comprising a base software stored in a memory and at least one safety module. The application is associated with broadcasted mobile television services of the DVB-H type. The method comprises the preliminary step of transmitting identification data of the mobile equipment and safety module to a management centre during the connection of the equipment to the network, and is characterised in that the base software of the mobile equipment reads a descriptor stored in the safety module indicating the server of a management centre capable of providing the mobile equipment with the application or an application update by downloading it into said mobile equipment. The invention also relates to a safety module for a mobile equipment comprising at least one descriptor indicating a server of a management centre.



No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2009

(21) Application No.945/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PROCESS AND PLANT FOR THE THERMAL TREATMENT OF PARTICULATE SOLIDS, IN PARTICULAR FOR PRODUCING METAL OXIDE FROM METAL HYDROXIDE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B01J 8/24         |
| (31) Priority Document No                     | :10 2006 062 151.4 |
| (32) Priority Date                            | :22/12/2006        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2007/010680 |
| Filing Date                                   | :17/12/2007        |
| (87) International Publication No             | :WO2008/077462A2   |
| (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)OUTOTEC OYJ

Address of Applicant :RIIHITONTUNTIE 7, FUB-02200, ESPOO, FINLAND. Finland

(72)Name of Inventor :

1)STRODER MICHAEL

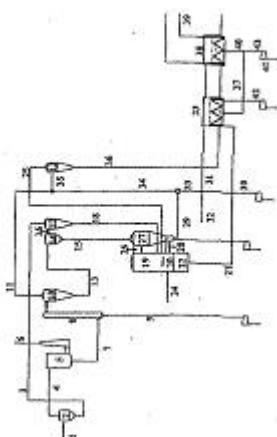
2)STOCKHAUSEN WERNER

3)MISSALLA MICHAEL

4)SCHNEIDER GIINTER

(57) Abstract :

This invention relates to a process for producing e.g. anhydrous metal oxide from metal hydroxide, wherein the metal hydroxide is at least partly dehydrated and preheated, before the metal hydroxide is introduced into a fluidized-bed reactor (19), in which the metal hydroxide is heated to a temperature of about 650 to about 1250°C by combustion of fuel, and metal oxide is generated, wherein primary air and/or secondary air enriched with oxygen is supplied to the fluidized-bed reactor (19). To achieve a rather low dust emission and a small amount of grain disintegration, the oxygen or the gas enriched with oxygen is introduced into the fluidized-bed reactor (19) with a low gas velocity.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2008

(21) Application No.951/MUMNP/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : MICROPROPAGATION PROCESS WHICH IS SUITABLE FOR THE CACTUS FAMILY

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A01H4/00          |
| (31) Priority Document No                     | :NA                |
| (32) Priority Date                            | :NA                |
| (33) Name of priority country                 | :NA                |
| (86) International Application No             | :PCT/MX2005/000091 |
| Filing Date                                   | :11/10/2005        |
| (87) International Publication No             | :WO2007/043851A1   |
| (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)RAMIREZ SERRANO,CARLOS

Address of Applicant :COSMOS 2707 INT.8,  
COL.JARDINES DEL BOSQUE, C.P.44520  
GUADALAJARA,JALISCO Mexico

2)SOLTERO QUINTANA,RAFAEL

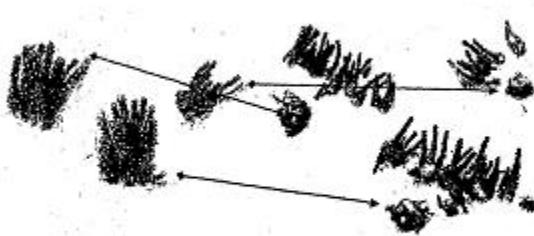
(72)Name of Inventor :

1)RAMIREZ SERRANO,CARLOS

2)SOLTERO QUINTANA,RAFAEL

(57) Abstract :

The invention relates to a mass micropropagation method which is suitable for the cactus family. The inventive method is based on suppressing the effect of the endogenous auxins in order to activate the endogenous cytokinins which, together with the cytokinins that supplement the culture medium, activate the development of dormant meristems in the areoles, in which the only limiting factor is the quantity of said structures and it is intrinsic to the species being treated. The novel method comprises the use of explants having a suitable thickness to enable the action of the endogenous and exogenous cytokinins, such as to promote the stimulation of between 80 and 100 % of the dormant meristems which develop in the form of shoots with the ability to induce roots and to adapt to ex vitro conditions in the manner of plants in greenhouses. The subculture is formed when the shoots reach the required size. The inventive micropropagation process can be maintained for a minimum of 2 years without any change to the characteristics of the shoots produced.



No. of Pages : 27 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2009

(21) Application No.958/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : LIGHT OUTCOUPLING STRUCTURE FOR A LIGHTING DEVICE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G02B 6/00         |
| (31) Priority Document No                     | :60/855,362        |
| (32) Priority Date                            | :31/10/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/FI2007/050586 |
| Filing Date                                   | :31/10/2007        |
| (87) International Publication No             | :WO 2008/053078    |
|                                               | 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)OY MODINES LTD.

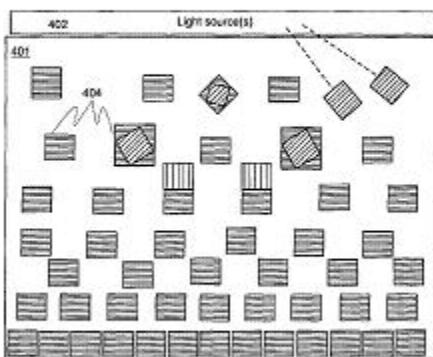
Address of Applicant :MATALASALMENKUJA 1, FL-001  
50 HELSINKI FINLAND. Finland

(72)Name of Inventor :

1)RINKO, KARI

(57) Abstract :

A diffractive light outcoupling unit (404) for forming a part of a directive light outcoupling system of a lighting device comprising a plurality of diffractive outcoupling units, wherein said diffractive light outcoupling unit comprises a carrier element (401) for accommodating a diffractive surface relief pattern (406), and a diffractive surface relief pattern comprising a plurality of consecutive diffractive surface relief forms defined on a surface area of the carrier element, wherein the form period is preferably about 10 microns or less, arranged to couple light incident on said diffractive surface relief pattern outside the carrier element via interaction involving at least two surface relief forms of said plurality of surface relief forms of said diffractive surface relief pattern so as to enhance the directivity of the coupled light. In addition, a diffractive light outcoupling system including a plurality of diffractive light outcoupling units, and a lightguide including the outcoupling system, are presented.



No. of Pages : 47 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2009

(21) Application No.959/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : BALL PIN AND BUSHINGS COMPOSED OF RUST-RESISTANT STEEL

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :F16C11/06       |
| (31) Priority Document No                     | :102006060994.8  |
| (32) Priority Date                            | :20/12/2006      |
| (33) Name of priority country                 | :Germany         |
| (86) International Application No             | :PCT/DE07/002289 |
| Filing Date                                   | :17/12/2007      |
| (87) International Publication No             | : WO/2008/074313 |
| (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)ZF FRIEDRICHSHAFEN AG

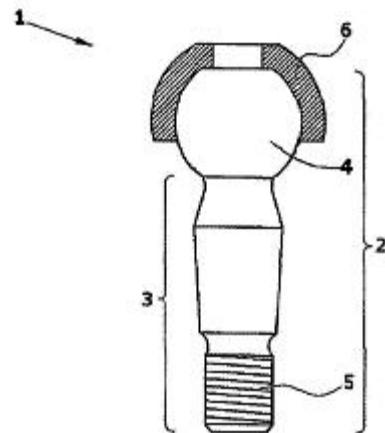
Address of Applicant :88038 FRIEDRICHSHAFEN  
GERMANY Germany

(72)Name of Inventor :

1)KRUSE JOCHEN

(57) Abstract :

Ball pin or ball sleeve made of stainless steel having the following composition - iron, as well as - 10.5 -13 wt.% chromium - 0.005 - 0.3 wt.% carbon - max. 0.015 wt.% sulphur - 0.2-1 wt.% silicon - 0.2 -1.0 wt.% manganese.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2009

(21) Application No.960/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : FLUORESCENT RESIN COMPOSITION AND SOLAR BATTERY MODULE USING THE SAME

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :C08L31/04       |
| (31) Priority Document No                     | :NA              |
| (32) Priority Date                            | :NA              |
| (33) Name of priority country                 | :NA              |
| (86) International Application No             | :PCT/JP06/320762 |
| Filing Date                                   | :18/10/2006      |
| (87) International Publication No             | :                |
|                                               | WO/2008/047427   |
| (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)SANVIC INC.

Address of Applicant :30-8, HORIKIRI 1-CHOME,  
KATSUSHIKA-KU, TOKYO 1240006, JAPAN. Japan

(72)Name of Inventor :

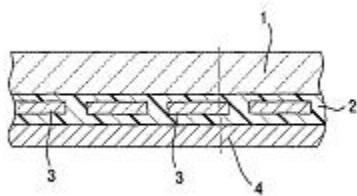
1)KANESATO MASATOSHI

2)SUGAYA KENTA

3)SEGAWA MASASHI

(57) Abstract :

This invention provides an organic rare earth metal complex, which emits fluorescence with a wavelength in the range of 550 to 900 nm, particularly a fluorescent resin composition comprising an ethylene-vinyl acetate copolymer containing 0.01 to 10% by mass of an organic rare earth metal complex represented by general formula wherein R represents an aliphatic or aromatic hydrocarbon group; Ln represents a rare earth metal; A represents group -CH=CH-; and n is 0 or 1. There are also provided a solar battery module using the fluorescent resin composition as a sealing material between a front cover and a crystalline silicon cell, and a solar battery with high conversion efficiency.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2009

(21) Application No.961/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : WHEEL SUSPENSION

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :B60G3/26        |
| (31) Priority Document No                     | :102006059778.8  |
| (32) Priority Date                            | :15/12/2006      |
| (33) Name of priority country                 | :Germany         |
| (86) International Application No             | :PCT/DE07/002179 |
| Filing Date                                   | :04/12/2007      |
| (87) International Publication No             | : WO/2008/071153 |
| (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)ZF FRIEDRICHSHAFEN AG

Address of Applicant :88038 FRIEDRICHSHAFEN  
GERMANY Germany

(72)Name of Inventor :

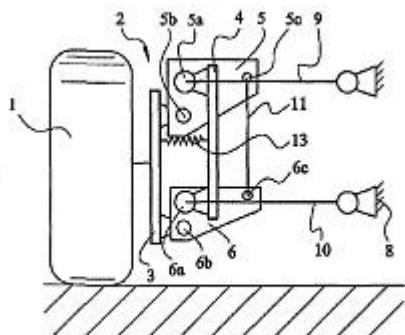
1)HAEUSLER FELIX

2)ARAMAH SIMON

3)HEISIECK KNUT

(57) Abstract :

A wheel suspension with a wheel carrier (2) bearing a vehicle wheel (1) and constructed in two parts is presented, wherein a first part (3) of the wheel carrier (2) is flexibly connected to a second part (4) of the wheel carrier (2). According to the invention, compensating means (5,6, 7) are provided to connect the first part (3) of the wheel carrier (2) to the second part (4) of the wheel carrier (2).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2009

(21) Application No.962/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : STACKABLE SHOPPING CART

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :B62B3/14        |
| (31) Priority Document No                     | :102006054153.7  |
| (32) Priority Date                            | :16/11/2006      |
| (33) Name of priority country                 | :Germany         |
| (86) International Application No             | :PCT/DE07/001995 |
| Filing Date                                   | :07/11/2007      |
| (87) International Publication No             | WO/2008/058509   |
| (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)EBERLEIN HERBERT

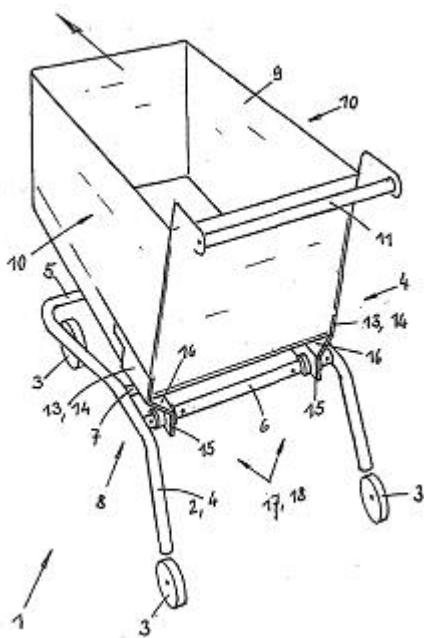
Address of Applicant :BEETHOVENSTRASSE 8, 89347  
BUBESHEIM, GERMANY. Germany

(72)Name of Inventor :

1)EBERLEIN HERBERT

(57) Abstract :

The invention relates to a stackable shopping cart (1) having a chassis (2), a basket (9) and a pushing device (11), wherein two basket-carrying elements (13) are provided on the chassis (2), the basket (9) being attachable to the elements as part of an installation process by means of the two side walls (10). It is proposed that each basket-carrying element (13) is equipped with an upper support section (14) and a lower support section (15), which is disposed with lateral offset to the upper support section (14), wherein each upper support section (14) is intended for attaching a side wall (10). It is furthermore proposed that at least two connecting point pairs (17) are provided on the chassis (2), and that each basket-carrying element (13) can be locked to one of the at least two connecting point pairs (17) by means of the lower support section (15).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2009

(21) Application No.969/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : EDIBLE EMULSION WITH PGPR

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A23L1/22          |
| (31) Priority Document No                     | :EP06124127        |
| (32) Priority Date                            | :15/11/2006        |
| (33) Name of priority country                 | :EUROPEAN UNION    |
| (86) International Application No             | :PCT/EP2007/062064 |
| Filing Date                                   | :08/11/2007        |
| (87) International Publication No             | : WO/2008/058893   |
| (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)HINDUSTAN UNILEVER LIMITED**

Address of Applicant :HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, MUMBAI 400 020, INDIA Maharashtra India

(72)**Name of Inventor :**

**1)BARENDE SANDRA PETRONELLA**

**2)BONS JOHANNES ROBERT**

**3)FLOTER ECKHARD**

**4)HUIZINGA HENDRIK**

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(57) Abstract :

Edible emulsion comprising a tasty ingredient with an undesired flavour, 0.1 to 1 wt% polyglycerol polyricinoleate and 15 to 85 wt% fat, wherein the tasty ingredient is present in an amount that gives the undesired flavour in the emulsion without the polyglycerol polyricinoleate.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2009

(21) Application No.970/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : COMPOSITION COMPRISING BRUSH COPOLYMER FOR TREATING HAIR

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C08661/08         |
| (31) Priority Document No                     | :EP06124834        |
| (32) Priority Date                            | :27/11/2006        |
| (33) Name of priority country                 | :EUROPEAN UNION    |
| (86) International Application No             | :PCT/EP2007/061816 |
| Filing Date                                   | :02/11/2007        |
| (87) International Publication No             | : WO/2008/064973   |
| (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)HINDUSTAN UNILEVER LIMITED**

Address of Applicant :HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, MUMBAI 400 020, INDIA Maharashtra India

(72)**Name of Inventor :**

**1)BURRY JASON SHAUN**

**2)CHENG CHONG**

**3)EVANS RICHARD LIVESEY**

**4)KHOSHDEL EZAT**

**5)WOOLEY KAREN LYNN**

---

(57) Abstract :

A composition comprising a brush copolymer of formula 1: 5 m, Formula 1 in which Mi is a unit obtainable from ring opening 10 metathesis polymerisation (ROMP); R is an alkyl, ether, ester or aryl unit; M2 and tM3 are independently selected from units obtainable by reversible addition fragmentation chain transfer polymerization(RAFT); 15 X is a terminal unit selected from the group consisting of dithioester, trithiocarbonate, xanthate; and m is an integer from 2 to 1 million, n is an integer from 2 to 500,000 and k is an integer from 2 to 500,000; in which incorporated within the core shell 20 brush copolymer is a benefit agent selected from hair styling polymers, colourants, hair conditioners, hair cleansers, hair growth promoters, permanent wave compounds, hair relaxers, amino acids, vitamins, hair straighteners, hair growth stimulants, antibacterial 25 compounds, antifungal compounds, anti-inflammatory compound, sunscreens and mixtures thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/05/2009

(21) Application No.957/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD AND ARRANGEMENT FOR MANUFACTURING OPTICAL PRODUCTS WITH COMPLEX THREE-DIMENSIONAL FORMS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B29C 59/00        |
| (31) Priority Document No                     | :60/855,372        |
| (32) Priority Date                            | :31/10/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/FI2007/050587 |
| Filing Date                                   | :31/10/2007        |
| (87) International Publication No             | :WO 2008/053079    |
|                                               | 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)OY MODINES LTD.

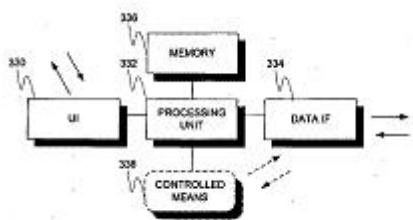
Address of Applicant :MATALASALMENKUJA 1, FI-00150'HELSINKI, FINLAND. Finland

(72)Name of Inventor :

1)RINKO, KARI

(57) Abstract :

A method and an arrangement for manufacturing microoptic surface design with complex, variable three-dimensional forms. The method comprises obtaining (302) a step embossing, step imprinting, a chip bonding or a corresponding device capable of patterning the surface of a target substrate, obtaining the target substrate (304) whereto the micro-optic structures shall be patterned, obtaining a plurality of different stamping tools (306) operable with said device, each stamping tool comprising one or more surface relief forms defining one or more micro-optic structures, selecting (310) a stamping tool from said plurality of stamping tools by said device, embossing (312) the target substrate with said selected stamping tool as controlled by said device, wherein said selected stamping tool is optionally heated or assisted by UV (Ultraviolet) source so as to form and/or cure the target substrate during or after the embossing, and repeating (314) said selecting and embossing steps until the micro-optic surface design has been completed on the substrate. A related computer software product for control purposes is also disclosed.



No. of Pages : 44 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2009

(21) Application No.967/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : CRYSTALLINE FORM OF BENZOTHIOPHENE COMPOUND AND PROCESS FOR PREPARATION THEREOF

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :C07D 333/64     |
| (31) Priority Document No                     | :1718/MUM/2006   |
| (32) Priority Date                            | :17/10/2006      |
| (33) Name of priority country                 | :India           |
| (86) International Application No             | :PCT/GB07/003943 |
| Filing Date                                   | :17/10/2007      |
| (87) International Publication No             | : WO/2008/047105 |
| (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)CIPLA LIMITED

Address of Applicant :289 BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI 400 008, INDIA Maharashtra India

(72)**Name of Inventor :**

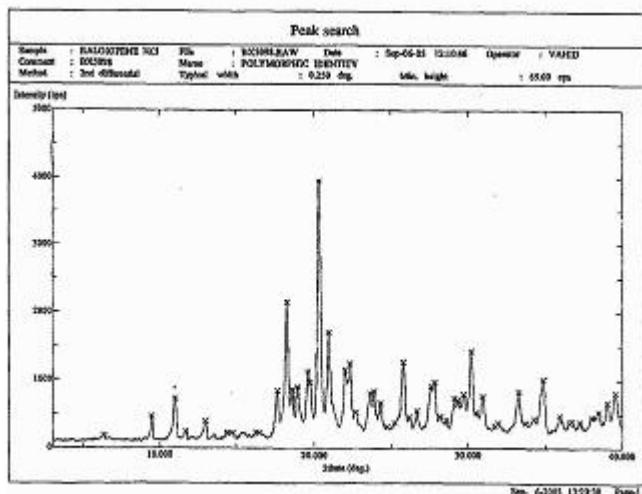
1)SRINIVAS PATHI, LAXMINARAYAN

2)KANKAN RAJENDRA NARAYANRAO

3)RAO,DHARMARAJ RAMACHANDRA

(57) Abstract :

Crystalline raloxifene hydrochloride in hydrated form, particularly the monohydrate, processes for its preparation, pharmaceutical compositions comprising it and uses thereof.



No. of Pages : 26 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2009

(21) Application No.971/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : LOW PRESSURE PRODUCTION OF DRINKING WATER

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :C02F1/44        |
| (31) Priority Document No                     | :60/859,876      |
| (32) Priority Date                            | :16/11/2006      |
| (33) Name of priority country                 | :U.S.A.          |
| (86) International Application No             | :PCT/US07/085009 |
| Filing Date                                   | :16/11/2007      |
| (87) International Publication No             | : WO/2008/061242 |
| (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)350 CAMBRIDGE PARTNERS, LLC**

Address of Applicant :350 CAMBRIDGE AVENUE, PALO ALTO, CA 94306, U.S.A. U.S.A.

(72)Name of Inventor :

**1)FRANCISCO MICHAEL H.**

**2)MEHRA SUMEET**

**3)MEHRA SUBHASH**

(57) Abstract :

An apparatus and methods for producing purified drinking water are disclosed. A hand pump (14) is used in a closed system to generate pressure sufficient to pass the untreated water through a system of filters (15,16) and a reverse osmosis membrane (17). The system preferably includes an ultrafiltration filter (16). The resulting water is substantially pure, being free of bacteria and having a significant amount of minerals and salts removed to make it safe for drinking. The system can produce enough potable water to supply the daily needs for a small village.

No. of Pages : 20 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2009

(21) Application No.974/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : APPARATUS AND METHODS FOR BOOSTING DYNAMIC RANGE IN DIGITAL IMAGES

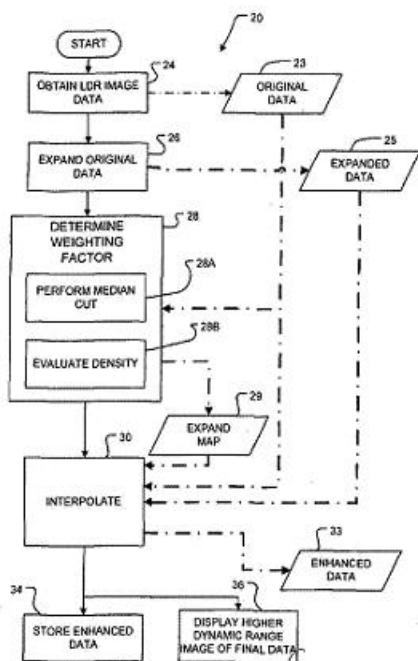
(51) International classification :H04N1/56  
(31) Priority Document No :60/867,325  
(32) Priority Date :27/11/2006  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2007/024498  
Filing Date :27/11/2007  
(87) International Publication No : WO/2008/066840  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)DOLBY LABORATORIES LICENSING CORPORATION**  
Address of Applicant :100 POTRERO AVENUE, SAN FRANCISCO, CA 94103-4813, USA U.S.A.

(72)Name of Inventor :  
**1)BANTERLE FRANCESCO**  
**2)LEDDA PATRICK**  
**3)DEBATTISTA KURT**  
**4)CHALMERS ALAN**

(57) Abstract :

A method for increasing dynamic range of original image data representing an image comprises applying an expansion function to generate from the original image data expanded data having a dynamic range greater than that of the original image data and, obtaining an expand map comprising data indicative of a degree of luminance of regions associated with pixels in the image. The method then combines the original image data and the expanded data according to the expand map to yield enhanced image data. Apparatus for boosting the dynamic range of image data comprises a dynamic range expander that produces expanded data, a luminance analyzer that produces an expand map and a combiner that combines the original and expanded data according to a variable weighting provided by the expand map.



No. of Pages : 25 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2009

(21) Application No.983/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS AND NASAL SPRAY INCORPORATING ANHYDROUS MOMETASONE FUROATE

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :A61K 9/10       |
| (31) Priority Document No                     | :1742/MUM/2006   |
| (32) Priority Date                            | :19/10/2006      |
| (33) Name of priority country                 | :India           |
| (86) International Application No             | :PCT/GB07/004022 |
| Filing Date                                   | :19/10/2007      |
| (87) International Publication No             | :WO/2008/047149  |
| (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)CIPLA LIMITED

Address of Applicant :289 BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI 400 008, INDIA Maharashtra India

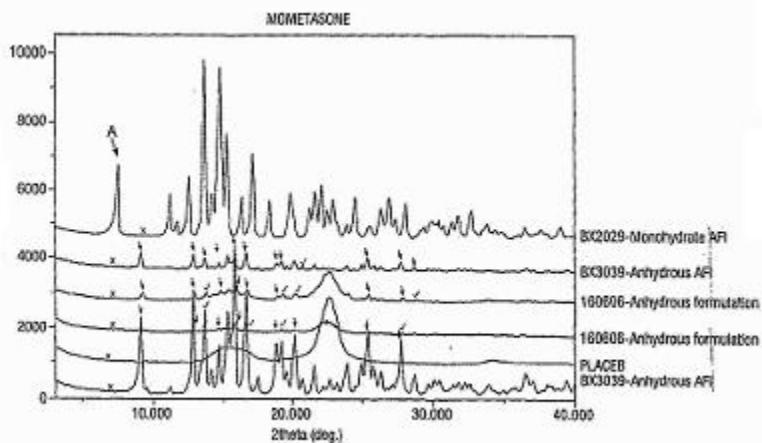
(72)**Name of Inventor :**

1)LULLA AMAR

2)MALHOTRA GEENA

(57) Abstract :

A stable aqueous pharmaceutical composition comprising anhydrous mometasone furoate and a pharmaceutically acceptable carrier.



No. of Pages : 19 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2009

(21) Application No.991/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : AN END CLOSURE OF A CONTAINER PRIMARILY INTENDED FOR BEVERAGES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B65D17/50         |
| (31) Priority Document No                     | :P-380896          |
| (32) Priority Date                            | :23/10/2006        |
| (33) Name of priority country                 | :Poland            |
| (86) International Application No             | :PCT/PL2007/000070 |
| Filing Date                                   | :19/10/2007        |
| (87) International Publication No             | : WO/2008/051099   |
| (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)INVENTO SP.Z.O.O.

Address of Applicant :UL. WILCZA 50/52 LOK. 706, 00-679  
WARSZAWA, POLAND. Poland

(72)Name of Inventor :

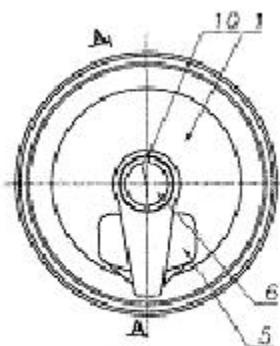
1)MILKOWSKI BOGUMIL

2)LEWANDOWSKI DARIUSZ

3)TOBOROWICZ ANDRZEJ

(57) Abstract :

This invention is concerned with a plastic end closure of a container that is primarily intended for beverages. It consists of a body that is tightly attached to the container and an opening device that can additionally be used to cover the in-and-out hole. According to the invention, the end closure is characterised by that it has an in-and-out hole (3) in the body (1), which is tightly closed until opened for the first time using the valve (5) that has a hole around which, substantially perpendicularly to the hole surface, there are at least two latches (7) that are rotatably mounted in the mounting hole (4) from the inside of the end closure and interact with a knob (6) that has an arm (13) terminated with a cylindrical element (9) that has at least one carrier (10) on its side surface and is rotatably mounted in the mounting hole (4) from the outside of the end closure. The valve (5) and the knob (6) are sealed and immobilised with the help of the plastic foil (11). After opening, the in-and-out hole can be covered again using the valve (5), and the mouth contact area with the hygienic cover (19). 19 MAY 2009



No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2009

(21) Application No.992/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : ILLUMINATION SOURCE COMPRISING LIGHT EMITTING DIODES FOR STAINED BIOLOGICAL SAMPLES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G02B21/08         |
| (31) Priority Document No                     | :11/611,123        |
| (32) Priority Date                            | :14/12/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/086162 |
| Filing Date                                   | :30/11/2007        |
| (87) International Publication No             | : WO/2008/073728   |
| (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)CYTYC CORPORATION

Address of Applicant :250 CAMPUS DRIVE,  
MARLBOROUGH, MASSACHUSETTS 01752, UNITED  
STATES OF AMERICA. U.S.A.

(72)Name of Inventor :

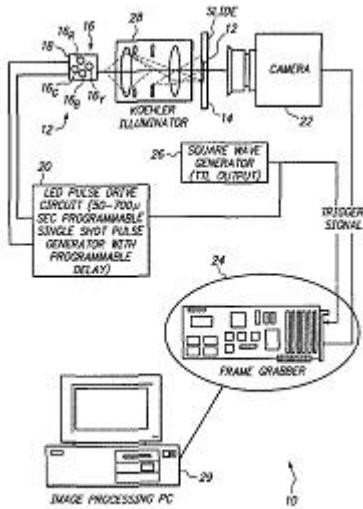
1)ZAHNISER MICHAEL

2)ZAHNISER DAVID J.

3)PARSONS DANIEL

(57) Abstract :

A microscope illumination system includes a light source having at least four LED light sources, each LED source emitting light within a different portion of the visible spectrum. Each of the at least four LED light sources may be independently controllable. The resultant light emitted from the at least four LED sources substantially approximates that from an incandescent light source. In one embodiment, the system includes at least one red LED, at least one green LED, at least one blue LED, and at least one yellow LED. Other color combinations are also possible. The illumination may be positioned to place a sample holder such as a slide within the optical path of the light source. The system may further include an optical magnification system for magnifying an image of the biological sample.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2009

(21) Application No.993/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : CHIN-REST FOR A VIOLIN

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G10D3/18          |
| (31) Priority Document No                     | :P20060375A        |
| (32) Priority Date                            | :31/10/2006        |
| (33) Name of priority country                 | :Croatia           |
| (86) International Application No             | :PCT/HR2007/000034 |
| Filing Date                                   | :03/10/2007        |
| (87) International Publication No             | : WO/2008/053255   |
| (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)VSP D.O.O.

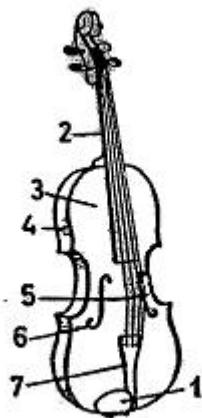
Address of Applicant :SIROKE LEDINE 28, HR-42000  
VARAZDIN CROATIA Croatia

(72)Name of Inventor :

1)PROSKURNJAR VLADIMIR SIMUNOV

(57) Abstract :

In this invention the chin-rest of a violin is attached to the edge of the resonating box of a violin, but it is designed as if the portion that is attached to the edge of the resonating box of the violin (Fig. 3, Pos. 12) forms a channel from the interior side (Fig. 3, Pos. 14) whose depth and shape are such that a firm edge can be place on it (Fig. 2, Pos. 11, Cross-section A-A). On a portion of the chin- rest (Fig. 3, a. plan view and b. side view) above the channel (Fig. 3, Pos. 14) at the distance 'd' (Fig. 3, Pos. 'd') is situated an opening (Fig. 3, Pos. 15) of such shape and size that an elastic knot (Fig. 2, Pos. 8) for stretching the strings can pass through. This is attached at one place to the string holder and is drawn in a stretched state through the opening of the chin-rest (Fig. 3, Pos. i 5). The Opposite end is attached to the fixed end pin (Fig. 5, Pos 10) so that it comprises a portion of the chin-rest attachment (Fig. 5, Pos. 14), pressing it toward the side walls of the violin. In this way the chin-rest does not rest on the upper panel of the resonating box of the violin, Instead, it is above it by the specified distance 'd' and above the string holder.



No. of Pages : 17 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2009

(21) Application No.995/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : NON-REFLUXING REACTOR STRIPPER

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :C07C5/22        |
| (31) Priority Document No                     | :11/602,020      |
| (32) Priority Date                            | :20/11/2006      |
| (33) Name of priority country                 | :U.S.A.          |
| (86) International Application No             | :PCT/US07/024120 |
| Filing Date                                   | :19/11/2007      |
| (87) International Publication No             | :WO/2008/063584  |
| (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 LUMMUS TECHNOLOGY INC

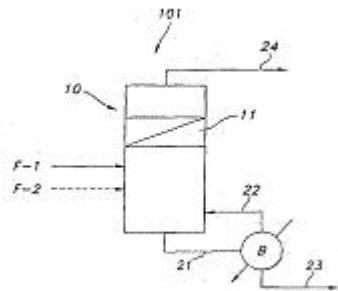
Address of Applicant :1515 BROAD STREET,  
BLOOMFIELD NEW JERSEY 07003-3096 U.S.A. U.S.A.

(72)Name of Inventor :

1)ARNOLD STEPHEN CRAIG

(57) Abstract :

A process for catalytically treating a feed stream containing at least one organic compound is provided, which includes providing a distillative reaction system having a reaction section positioned at a top portion of the distillative reaction system and a reboiler and/or gas stripping section for vaporizing at least a portion of a bottom stream and returning the vaporized portion of the bottom stream to a bottom portion of the distillative reaction system, introducing an organic feed stream into the distillative reaction system below the uppermost reaction section, optionally introducing a gaseous reactant feed stream into the distillative reaction system below the uppermost reaction section,; and removing an overhead product stream from a portion of the distillative reaction system above the uppermost reaction section without substantial reflux or recycling of the overhead product stream or feeding any other liquid stream that might recycle the desired products or any other compounds that are undesired to be refluxed, into the uppermost reaction section.



No. of Pages : 37 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2009

(21) Application No.975/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : RESIDUAL CURRENT DEVICE

(51) International classification :H02H3/33  
(31) Priority Document No :S2007/0151  
(32) Priority Date :07/03/2007  
(33) Name of priority country :Ireland  
(86) International Application No :PCT/EP2008/000194  
    Filing Date :11/01/2008  
(87) International Publication No : WO/2008/107035  
(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)ATREUS ENTERPRISES LIMITED**

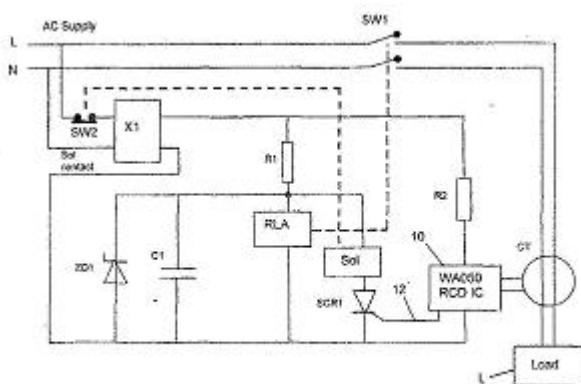
Address of Applicant :ATREUS PLACE, POOLBOY,  
BALLINASLOE, CO GALWAY, IRELAND. Ireland

**(72) Name of Inventor :**

## 1)WARD PATRICK

(57) Abstract :

A residual current device comprises a circuit (CT, 10, 12) for detecting a current imbalance in an AC supply to a load indicative of a residual current and providing a corresponding output. A relay RLA has contacts SNI in the AC supply to the load. The relay contacts SW1 automatically close when a closing current is passed through the relay and is thereafter maintained closed so long as a holding current, less than the closing current, passes through the relay. A capacitor C1 is connected to the AC supply in parallel with the relay RLA such that, upon application of power from the AC supply, current flows to the charge storage device. An electronic switch SCR2 in series with the relay is turned on when the voltage on the capacitor exceeds the breakdown voltage of a Zener diode ZD2 to allow discharge of the capacitor through the relay to provide a current exceeding the closing current, the AC supply thereafter providing a holding current for the relay at least when the supply is at a certain minimum voltage. An output from the current imbalance detecting circuit opens contacts SW3 in series with the relay to interrupt the current flow through the relay.



No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2009

(21) Application No.996/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : CONCENTRATED SURFACTANT COMPOSITIONS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61Q5/02          |
| (31) Priority Document No                     | :EP06125743        |
| (32) Priority Date                            | :08/12/2006        |
| (33) Name of priority country                 | :EUROPEAN UNION    |
| (86) International Application No             | :PCT/EP2007/063156 |
| Filing Date                                   | :03/12/2007        |
| (87) International Publication No             | : WO/2008/107035   |
| (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)UNILEVER PLC

Address of Applicant :UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, GB U.K.

(72)Name of Inventor :

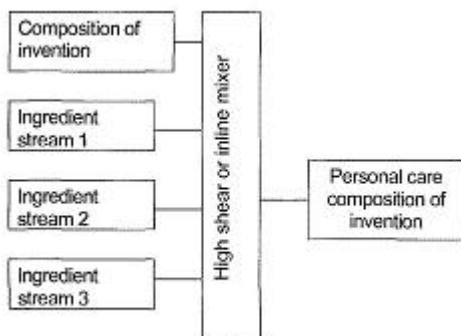
1)BASAPPA GEETHA

2)BELMAR MARIA TERESA

3)TELFORD JULIA HELEN

(57) Abstract :

The present invention relates to a composition comprising a high amount of a specific surfactant mixture and water, as well as a method of manufacture thereof.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2009

(21) Application No.997/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PROCESS FOR THE PREPARATION OF OPTICALLY PURE INDO[5,4-B] FURAN DERIVATIVES

|                                               |                    |                                                                                             |
|-----------------------------------------------|--------------------|---------------------------------------------------------------------------------------------|
| (51) International classification             | :C07D307/77        | (71) <b>Name of Applicant :</b>                                                             |
| (31) Priority Document No                     | :PCT/IN2007/000491 | <b>1)CADILA HEALTHCARE LIMITED</b>                                                          |
| (32) Priority Date                            | :15/10/2007        | Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROADS, AHMEDABAD 380015, GUJARAT, INDIA. |
| (33) Name of priority country                 | :India             | Gujarat India                                                                               |
| (86) International Application No             | :PCT/IN2007/000491 | (72) <b>Name of Inventor :</b>                                                              |
| Filing Date                                   | :15/10/2007        | <b>1)RAMDHARANE SANJOG</b>                                                                  |
| (87) International Publication No             | :WO/2008/062468    | <b>2)SHAH TEJAS CHANDRAKANT</b>                                                             |
| (61) Patent of Addition to Application Number | :NA                | <b>3)PANDYA JAYESH MOHANLAL</b>                                                             |
| Filing Date                                   | :NA                | <b>4)SINGH MANOJ KUMAR</b>                                                                  |
| (62) Divisional to Application Number         | :NA                | <b>5)AGRAWAL VIRENDRA KUMAR</b>                                                             |
| Filing Date                                   | :NA                |                                                                                             |

(57) Abstract :

The present invention relates to a novel and efficient method for the preparation of chirally active indeno[5,4-b]furan derivatives, which includes separation of chirally pure intermediates and / or racemic Ramelteon in its pure isomeric form and free from other impurities, by the separation of isomers using chiral and/or achiral stationary phases for batch process, super-critical or sub-critical chromatography and/or continuous process chromatography.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/04/2009

(21) Application No.788/MUMNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHODS AND COMPOSITIONS FOR STABILIZING PROSTATE SPECIFIC ANTIGEN

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K 38/48        |
| (31) Priority Document No                     | :11/581,066        |
| (32) Priority Date                            | :13/10/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/021766 |
| Filing Date                                   | :10/10/2007        |
| (87) International Publication No             | :WO 2008/048472 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)BIC-RAD LABORATORIES,INC

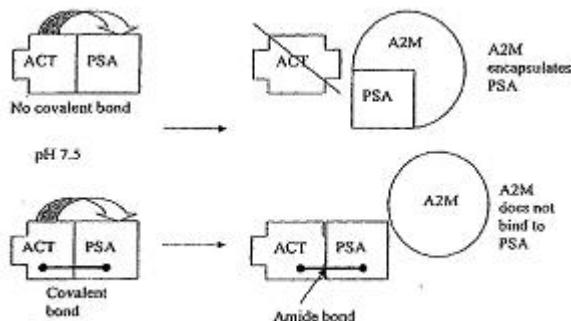
Address of Applicant :1000 ALFRED NOBEL DRIVE,  
HERCULES,CALIFORNIA 94547, U.S.A. U.S.A.

(72)Name of Inventor :

1)MILLAN, KELLY

(57) Abstract :

The present invention provides irreversibly linked stable protease-protease inhibitor conjugates, e.g., conjugates comprising 1-antichymotrypsin linked to prostate specific antigen (PSA) or trypsin-antitrypsin conjugates, methods of making such conjugates and methods of using the conjugates, e.g., as controls or calibrators for PSA detection assays or for multi-analyte controls.



No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2009

(21) Application No.573/MUMNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING HAND OFF BETWEEN WIRELESS COMMUNICATION NETWORK OF DIFFERENT RADIO ACCESS TECHNOLOGIES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04L 12/56        |
| (31) Priority Document No                     | :60/508,452        |
| (32) Priority Date                            | :02/10/2003        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2004/032393 |
| Filing Date                                   | :01/10/2004        |
| (87) International Publication No             | :WO/2005/036912    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :00387/MUMNP/2006  |
| Filed on                                      | :04/04/2006        |

(71)**Name of Applicant :**

**1)QUALCOMM INCORPORATED**

Address of Applicant :5775 Morehouse Drive San Diego California 92121-1714 USA U.S.A.

(72)**Name of Inventor :**

**1)VANGHI Vieri**

**2)PRICE Philip Kenneth**

---

(57) Abstract :

Various schemes for performing inter-system handoff, e.g., from a UTRAN to a cdma2000 radio access network (RAN) are described. For a MAHHO scheme, the UTRAN uses measurements obtained by a multi-RAT device to determine suitable cdma2000 cell(s) for handover. The measurements are obtained by a candidate frequency search procedure, and the handover is accomplished by a handoff execution procedure. For a MDHHO scheme, the UTRAN relies on location information for the multi-RAT device to select suitable cdma2000 cell(s) for handover. For a CRHHO scheme, a new call is established on the cdma2000 RAN and the pending call on the UTRAN is released in a manner such that the handover appears seamless to the multi-RAT device. The multi-RAT device includes two modem processors that perform processing for the UTRAN and cdma2000 RAN and an application processor that controls the modem processors.

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/03/2009

(21) Application No.574/MUMNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : " STORAGE MEDIUM AND APPARATUS"

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G11B 7/007        |
| (31) Priority Document No                     | :10-2004-0085132   |
| (32) Priority Date                            | :23/10/2004        |
| (33) Name of priority country                 | :Republic of Korea |
| (86) International Application No             | :PCT/KR2005/003371 |
| Filing Date                                   | :11/10/2005        |
| (87) International Publication No             | :WO/2006/080746    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :728/MUMNP/2007    |
| Filed on                                      | :18/05/2007        |

(71)Name of Applicant :

1)SAMSUNG ELECTRONICS CO. LTD

Address of Applicant :416 Maetan-dong Yeongtong-gu  
Suwon-si Gyeonggi-do 442-742 Republic of Korea. Republic of  
Korea

(72)Name of Inventor :

1)HWANG Wook-Yeon

2)LEE Kyung-Geun

(57) Abstract :

An information storage medium and a recording/reproducing apparatus and method are provided with the ability to extend at least one middle area of an information storage medium comprising two or more recording layers so as to ensure optimal data recording/reproduction. The information storage medium comprises a plurality of recording layers, each including a user data area for recording user data and at least one middle area used by a recording/reproducing apparatus that records/reproduces data on the information storage medium to move among two recording layers, wherein the at least one middle area is extended when the information storage medium is finalized. As a result, when an information storage medium that contains an OPC area for obtaining optimum recording conditions (such as recording power) in an outer circumference thereof is finalized, and if a middle area of the disk is not large enough, the middle area can flexibly be extended, thereby providing a better recording mode.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2003

(21) Application No.604/MUMNP/2003 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : IMPROVED CALLER IDENTIFICATION

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(51) International classification : H04M 1/663

(31) Priority Document No :

09/732,201

(32) Priority Date : 07.12.2000

(33) Name of priority country :USA

(86) International Application No  
Filing Date

PCT/US2001/044044

: 21.11.2001

(87) International Publication No :

WO/2002/047366

(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) INTEL CORPORATION

Address of Applicant : 2200 Mission College Boulevard Santa  
Clara, CA 95052 U.S.A.

(72)Name of Inventor :

1) BUBB, Howard

(57) Abstract :

A caller identification system allows a user to specify certain conditions (e.g. stock prices) in which he is interested. Upon occurrence of the condition, a telephone announcement is automatically made to the user, informing the user of such condition, preferably without the telephone even ringing. The caller ID unit recognizes the incoming call as one from a service provider supplying the desired information, and automatically takes the phone off hook to allow the announcement.

No. of Pages :16 No. of Claims 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/11/2002

(21) Application No.IN/PCT/2002/01605/MUM A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : FABRIC SOFTENING COMPOSITIONS

---

|                                               |                   |                                          |
|-----------------------------------------------|-------------------|------------------------------------------|
| (51) International classification             | :C11D 3/00        | (71)Name of Applicant :                  |
| (31) Priority Document No                     | : 0106466.6       | 1) HINDUSTAN LEVER LIMITED               |
| (32) Priority Date                            | : 15.03.2001      | Address of Applicant : 165/166, BACKBAY  |
| (33) Name of priority country                 | : GB              | RECLAMATION, MUMBAI-400 020, MAHARASHTRA |
| (86) International Application No             | PCT/EP2002/002623 | INDIA                                    |
| Filing Date                                   | : 07.03.2002      | (72)Name of Inventor :                   |
| (87) International Publication No             | : WO/2002/088287  | 1) HARICHIAN, Bijan;                     |
| (61) Patent of Addition to Application Number | :NA               | 2) WHALEY, Christopher;                  |
| Filing Date                                   | :NA               |                                          |
| (62) Divisional to Application Number         | :NA               |                                          |
| Filing Date                                   | :NA               |                                          |

---

(57) Abstract : Fabric softening products, such as a rinse conditioner or a tumble dryer sheet, comprise (a) an organic softening compound free of quaternary nitrogen groups and having the general formula (1) wherein R<sub>1</sub> and R<sub>2</sub> are both hydrophobic alkyl or alkenyl groups independently comprising 5 to 40 carbon atoms and together comprising at least 26 carbon atoms, L is a linking group having at least 1 single bond providing freedom of rotation and providing a chain length of from 4 to 10 atoms between Q and R<sub>1</sub>/R<sub>2</sub> and Q is a hydrophilic head-group; and (b) a carrier for the softening compound.

No. of Pages :50 No. of Claims :14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/11/2002

(21) Application No.IN/PCT/2002/01606/MUM A

(43) Publication Date : 03/07/2009

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(54) Title of the invention COOLING METHOD FOR CONTROLLED HIGH SPEED CHILLING OR FREEZING

|                                                                 |                                    |
|-----------------------------------------------------------------|------------------------------------|
| (51) International classification                               | : A23L 3/36                        |
| (31) Priority Document No                                       | : 60/205,635                       |
| (32) Priority Date                                              | : 18.05.2000                       |
| (33) Name of priority country                                   | :U.S.A.                            |
| (86) International Application No<br>Filing Date                | :PCT/US2001/015821<br>: 16.05.2001 |
| (87) International Publication No                               | : WO/2002/014753                   |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                         |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                         |

(71)Name of Applicant :

1) SUPACHILL INTERNATIONAL PTY. LTD     Address of  
Applicant : 67 Korong Road, West Heidelberg, VIC 3081

(72)Name of Inventor :

1) WOOD, Brian;  
2).CASSELL, Allan, J.;

(57)Abstract :

A cooling method for controlled high speed chilling or freezing is disclosed. Cooling fluid is circulated by a submersed circulator, such as a motor, at a substantially constant velocity past a substance to be cooled. The velocity of fluid flow is maintained despite changes in the viscosity of the cooling fluid, by either increasing or decreasing the amount of torque supplied by the motor. The cooling fluid is cooled to a desired temperature by circulating the fluid past a multi-path heat exchanging coil connected to a refrigeration system. An optimal cooing fluid temperature for a variety of applications is in the range of about -24 °C to -26 °C, resulting in significant efficiency gains over conventional cooling processes.

No. of Pages : 27     No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/01/2001

(21) Application No.99/MUM/2001 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : POWER SUPPLY APPARATUS FOR ELECTRONIC UNIT

---

(51) International classification

:H02M7/10

(31) Priority Document No

: JAPAN

(32) Priority Date

: P2000-  
030241

(33) Name of priority country

:02.02.2000

(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) SONY CORPORATION

Address of Applicant : 7-35, KITASHINGAWA 6-CHOME,  
SHINAGAWA-KU, TOKYO, JAPAN

(72)Name of Inventor :

1) KEIJI SHIRATO

2). TETSUYA KIMOTO

(57) Abstract :

The present invention relates to POWER SUPPLY APPARATUS FOR ELECTRONIC UNIT. More particularly, the present invention relates to power supply apparatus effective for an electronic unit having a main power-supply section enabled when the electronic unit is not opening.

No. of Pages :38 No. of Claims :11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/06/1998

(21) Application No.394/BOM/1998 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : ELECTRONIC CUIRCUITRY FOR TIMING AND DELAY CIRCUITS

---

(51) International classification

:F42D1/055

(31) Priority Document No

:08/879,162

(32) Priority Date

:19/06/1997

(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) ENSIGN-BICKFORD COMPANY

Address of Applicant : 660 HOPMEADOW STREET,  
SIMSBURY, CONNECTICUT 06070, U.S.A.

(72)Name of Inventor :

1) ROBERT S. PATTI

(57) Abstract :

The present invention relates to electronic delay detonators and, in particular, to programmable electronic initiation delay detonators.

No. of Pages :55 No. of Claims :09

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/01/2006

(21) Application No.0195/CHENP/2006 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : "FUNGICIDAL MIXTURES"

---

|                                               |                    |                                                                                                                                                 |
|-----------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A01N 47/38        | (71) Name of Applicant :                                                                                                                        |
| (31) Priority Document No                     | :103 27 865.6      | 1) BASF AKTIENGESELLSCHAFT<br>Address of Applicant : D-67056,LUDWIGSHAFEN,<br>GERMANY Germany                                                   |
| (32) Priority Date                            | :18/06/2003        | (72) Name of Inventor :                                                                                                                         |
| (33) Name of priority country                 | :Germany           | 1) TORMO I BLASCO ,JORDI<br>2) GROTE,THOMAS<br>3) SCHERER,MARIA<br>4) STIERL,REINHARD<br>5) SCHOFL ULRICH<br>6) HAMPEL,MANFRED<br>7) HADEN,EGON |
| (86) International Application No             | :PCT/EP04/06161    |                                                                                                                                                 |
| Filing Date                                   | :08/06/2004        |                                                                                                                                                 |
| (87) International Publication No             | :WO 2004/110152 A1 |                                                                                                                                                 |
| (61) Patent of Addition to Application Number | :NA                |                                                                                                                                                 |
| Filing Date                                   | :NA                |                                                                                                                                                 |
| (62) Divisional to Application Number         | :NA                |                                                                                                                                                 |
| Filing Date                                   | :NA                |                                                                                                                                                 |

(57) Abstract :

Fungicidal mixtures Abstract Fungicidal mixtures, comprising, as active components: 1) the triazolopyrimidine derivative of the formula I, in a synergistically effective amount, methods for controlling harmful fungi using mixtures of compound I and compound II and compositions comprising these mixtures are described.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/01/2006

(21) Application No.0238/CHENP/2006 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : "DIGITAL AUTHENTICATION OVER ACOUSTIC CHANNEL"

---

|                                               |                       |                                                                                      |
|-----------------------------------------------|-----------------------|--------------------------------------------------------------------------------------|
| (51) International classification             | :IPC7 H04L 9/00       | (71)Name of Applicant :                                                              |
| (31) Priority Document No                     | :10/625,710           | 1)QUALCOMM INCORPORATED                                                              |
| (32) Priority Date                            | :22/07/2003           | Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO , CALIFORNIA 92121, USA U.S.A. |
| (33) Name of priority country                 | :U.S.A.               | (72)Name of Inventor :                                                               |
| (86) International Application No             | :PCT/US04/23579       | 1)GANTMAN,ALEXANDER                                                                  |
| Filing Date                                   | :21/07/2004           | 2)ROSE,GREGORY,G.,                                                                   |
| (87) International Publication No             | :WO<br>2005/011191 A1 |                                                                                      |
| (61) Patent of Addition to Application Number | :NA                   |                                                                                      |
| Filing Date                                   | :NA                   |                                                                                      |
| (62) Divisional to Application Number         | :NA                   |                                                                                      |
| Filing Date                                   | :NA                   |                                                                                      |

---

(57) Abstract :

ABSTRACT Method and apparatus for controlling access to a secure network, system or application is disclosed. In one embodiment, an apparatus for requesting authentication (210) includes a storage medium (211) that stores a cryptographic key, a processor (215) that generates an access code using the cryptographic key, a converter (217) that converts the access code into sound waves, and an audio output unit (219) that outputs the sound waves encoded with the access code for authentication. An apparatus for granting authentication (250) includes a storage medium (251) that stores a cryptographic key, an audio input unit (257) that receives sound waves encoded with a access code, a converter that recovers the access code from the sound waves, and a processor (255) that generates a second access code using the cryptographic key and grants authentication if the access code corresponds to the second access code.

No. of Pages : 47 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2008

(21) Application No.10/CHE/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : NANOPARTICLE ADDITIVES AND LUBRICANT FORMULATIONS CONTAINING THE NANOPARTICLE ADDITIVES

|                                                              |                |                                                                                                                                       |
|--------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :A24B<br>15/18 | (71)Name of Applicant :<br>1)AFTON CHEMICAL CORPORATION<br>Address of Applicant :500 SPRING STREET RICHMOND,<br>VIRGINIA 23219 U.S.A. |
| (31) Priority Document No                                    | :11/619,470    |                                                                                                                                       |
| (32) Priority Date                                           | :03/01/2007    |                                                                                                                                       |
| (33) Name of priority country                                | :U.S.A.        | (72)Name of Inventor :                                                                                                                |
| (86) International Application No<br>Filing Date             | :NA<br>:NA     | 1)JAO, TZE-CHI<br>2)DEVLIN, MARK, T<br>3)ARADI, ALLEN, A                                                                              |
| (87) International Publication No                            | : NA           |                                                                                                                                       |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA     |                                                                                                                                       |
| (62) Divisional to Application Number<br>Filing Date         | :NA            |                                                                                                                                       |

(57) Abstract :

A method for reducing a friction coefficient adjacent a lubricated surface, and a lubricant composition for reducing a friction coefficient between lubricated surfaces. The method includes providing an amount of metal-containing dispersed in a fully formulated lubricant composition containing a base oil of lubricating viscosity, wherein the nanoparticles have an average particles size ranging from about 1 to about 10 nanometers. The lubricant composition containing the metal-containing nanoparticles is applied to a surface to be lubricated.

No. of Pages : 37 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/1995

(21) Application No.10/MAS/1995 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : BLOOD BAG SYSTEM

|                                               |           |                                                      |
|-----------------------------------------------|-----------|------------------------------------------------------|
| (51) International classification             | :A61M1/00 | (71)Name of Applicant :                              |
| (31) Priority Document No                     | :NA       | 1)TTK BIOMED LIMITED                                 |
| (32) Priority Date                            | :NA       | Address of Applicant :11TH FLOOR, BRIGADE TOWER,     |
| (33) Name of priority country                 | :NA       | 135, BRIGADE ROAD,BANGALORE-560 025. Karnataka India |
| (86) International Application No             | :NA       | (72)Name of Inventor :                               |
| Filing Date                                   | :NA       | 1)ASHWATNARAYANAN VENKATARAMANI                      |
| (87) International 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 :

Blood Bag System, said system being such that each bag may be used independently or compositely alongwith inter-connected Donor-Tube/Transfer-Tube (s) and comprising :- Donor-Blood Bag for receiving blood, a Donor-Tube for collecting blood, plurality of Transfer-Blood-Bags, plurality of Transfer-Tubes; and fabricated from extruded "Lay-Flat" soft polyvinyl chloride ; said bag being radio frequency welded at the top and bottom.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/01/2000

(21) Application No.10/MAS/2000 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : ACTIVATED DISPLAY CASES & BOARDS

|                                               |           |                                             |
|-----------------------------------------------|-----------|---------------------------------------------|
| (51) International classification             | :G09F7/00 | (71)Name of Applicant :                     |
| (31) Priority Document No                     | :NA       | 1)RAMAIAH UMASHANKAR                        |
| (32) Priority Date                            | :NA       | Address of Applicant :S/O S.RAMAIAH, NO.99, |
| (33) Name of priority country                 | :NA       | KAMARAJAPURAM THIRD STREET, NUNGAMBAKKAM,   |
| (86) International Application No             | :NA       | CHENNAI-600 034 Tamil Nadu India            |
| Filing Date                                   | :NA       | (72)Name of Inventor :                      |
| (87) International Publication No             | : NA      | 1)RAMAIAH UMASHANKAR                        |
| (61) Patent of Addition to Application Number | :NA       |                                             |
| Filing Date                                   | :NA       |                                             |
| (62) Divisional to Application Number         | :NA       |                                             |
| Filing Date                                   | :NA       |                                             |

(57) Abstract :

This invention "Activated Display cases & Boards" is a novel development in advertisements boards, which can abstract the viewers by activelky the cases and boards accordingto thier products and nature of business. Here the case is a frame made by aluminium square rods so as to bear the weight of the motor, liquid and the apparatus which all the case consists. This can be useful for advertising of any companies doing business with soft drinks, hard drinks, oil or liquid of any kind.

No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/01/1995

(21) Application No.100/MAS/1995 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : DYNAMIC SECTORIZATION IN A SPREAD SPECTRUM COMMUNICATION SYSTEM

|                                               |             |                                                                             |
|-----------------------------------------------|-------------|-----------------------------------------------------------------------------|
| (51) International classification             | :H04M       | (71)Name of Applicant :                                                     |
| (31) Priority Document No                     | :08/195,003 | 1)QUALCOMM INCORPORATED                                                     |
| (32) Priority Date                            | :14/02/1994 | Address of Applicant :6455 LUSK BOULEVARD, SAN DIEGO, CA 92121, USA. U.S.A. |
| (33) Name of priority country                 | :U.S.A.     | (72)Name of Inventor :                                                      |
| (86) International Application No             | :NA         | 1)W ELI STRICH                                                              |
| Filing Date                                   | :NA         | 2)JAMES H THOMPSON                                                          |
| (87) International 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 and method for dynamically varying traffic channel sectorization within a spread spectrum communication system is disclosed herein. In a preferred implementation the system is operative to convey information to at least one specified user in a spread spectrum communication system and includes a first network for generating, at a predetermined chip rate, a first pseudorandom noise (PN) signal of a first predetermined PN code. The first PN signal is then combined with a first information signal in order to provide a resultant first modulation signal. The system further includes a second network for providing a second modulation signal by delaying the first modulation signal by a predetermined delay inversely related to the PN chip rate. A switching transmission network is disposed to selectively transmit the first and second modulation signals respectively to first and second coverage areas. In this way selective transmission of the first and second modulation signals results in variation in size of a first user sector. The first user sector is associated with a first set of traffic channels, one of which is allocated to the specified user. The system may also be configured to selectively receive, and coherently combine, first and second modulation signals from first and second coverage areas.

No. of Pages : 57 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/1995

(21) Application No.1000/MAS/1995 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : A SELECTOR FOR USE IN A SYSTEM INCLUDING A DISPLAY AND INTERACTIVE POINTING MEANS FOR SPECIFYING LOCATIONS IN THE DISPLAY

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|                                               |                |                                                                                                               |
|-----------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G06F<br>3/033 | (71)Name of Applicant :<br>1)AT & CORP<br>Address of Applicant :550 MADISON AVENUE, NEW YORK, NY 10022 U.S.A. |
| (31) Priority Document No                     | :NA            |                                                                                                               |
| (32) Priority Date                            | :NA            |                                                                                                               |
| (33) Name of priority country                 | :NA            |                                                                                                               |
| (86) International Application No             | :NA            | (72)Name of Inventor :<br>1)STEPHEN G EICK,                                                                   |
| 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 :

Techniques for displaying an intermediate level of detail in a computer system. The techniques are employed in a system for discovering information about a large body of software. The system displays representations of up to 40,000 lines of code in a single window. Included in the techniques for displaying the intermediate level of detail are the use of color and shape to indicate characteristics of lines, the linking of all of the lines which share a certain characteristic, and selection at the levels of the line, the characteristic, and the file. The software information system further includes one or more code viewers for simultaneously displaying selected lines of code. A cursor may be attached to or detached from a single one of the code viewers.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2001

(21) Application No.1000/MAS/2001 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : A DEVICE FOR ELECTRICAL CONNECTION OF TWO ELECTRICAL APPARATUSES AND AN ELECTRICAL APPARATUS FOR SAID DEVICE

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|                                               |             |                                                                                        |
|-----------------------------------------------|-------------|----------------------------------------------------------------------------------------|
| (51) International classification             | :H01R4/04   | (71)Name of Applicant :                                                                |
| (31) Priority Document No                     | :0016643    | 1)SCHNEIDER ELECTRIC INDUSTRIES SA                                                     |
| (32) Priority Date                            | :20/12/2000 | Address of Applicant :BOULEVARD FRANKLIN<br>ROOSEVELT, F-92500 RUEIL MALMAISON. France |
| (33) Name of priority country                 | :France     |                                                                                        |
| (86) International Application No             | :NA         | (72)Name of Inventor :                                                                 |
| Filing Date                                   | :NA         | 1)DUCHENE,JEAN-MARIE                                                                   |
| (87) International Publication No             | : NA        | 2)CEDRON,MANUEL                                                                        |
| (61) Patent of Addition to Application Number | :NA         | 3)THIELEMANS,GEOFFROY                                                                  |
| Filing Date                                   | :NA         |                                                                                        |
| (62) Divisional to Application Number         | :NA         |                                                                                        |
| Filing Date                                   | :NA         |                                                                                        |

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(57) Abstract :

The present invention relates to a device for electrical connected of two electrical apparatuses such as an electrical protection apparatus (D) associated to a controlled switch (T), said device being designed to electrically connect the output terminals of one of the apparatuses, called the first apparatus, to the input terminals of the other of said apparatuses, called the second apparatus, said device comprising conductors housed in an insulating cover (31), the assembly extending along one of the faces of the two apparatuses (D, T), said above-mentioned input and output terminals comprising access openings (23 to 26) on said faces. This device is characterized in that the insulating cover (31) comprises a flap (39) designed to prevent access to the input terminal(s) of the second apparatus (T) when the connection device (C) is fitted while leaving access to the output terminal(s) (21, 22) of said second apparatus (T) free.

No. of Pages : 12 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2004

(21) Application No.1001/CHE/2004 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : APPARATUS FOR WINDING A THREAD RESERVE AND A CROSS-WOUND BOBBIN ONTO A BOBBIN TUBE

|                                               |                  |                                                                                                                                               |
|-----------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B65H<br>64/06   | (71)Name of Applicant :<br>1)SAURER GMBH & CO KG<br>Address of Applicant :LANDGRAFENSTRASSE 45, D-<br>41069 MONCHENGLADBACH, GERMANY. Germany |
| (31) Priority Document No                     | :103 46<br>096.9 | (72)Name of Inventor :<br>1)BRENK, SIEGFRIED                                                                                                  |
| (32) Priority Date                            | :04/10/2003      |                                                                                                                                               |
| (33) Name of priority country                 | :Germany         |                                                                                                                                               |
| (86) International Application No             | :NA              |                                                                                                                                               |
| Filing Date                                   | :NA              |                                                                                                                                               |
| (87) International Publication No             | : NA             |                                                                                                                                               |
| (61) Patent of Addition to Application Number | :NA              |                                                                                                                                               |
| Filing Date                                   | :NA              |                                                                                                                                               |
| (62) Divisional to Application Number         | :NA              |                                                                                                                                               |
| Filing Date                                   | :NA              |                                                                                                                                               |

(57) Abstract :

An apparatus for winding a cross-wound bobbin onto a bobbin tube is provided and comprises a bobbin creel including two bobbin creel arms for the mounting of two bobbin tube centering plates, a thread intake device effective in the region of an arm and with which is associated a thread severing device, a drive unit for a bobbin shaft/cross-wound bobbin, and a traversing thread guide adapted to be driven to move back and forth along the bobbin shaft/cross-wound bobbin. A given bobbin creel arm is provided with at least one intake or suction channel that is directed radially inwardly from the periphery of the centering plate and that opens into a hollow shaft guided outwardly through an associated arm. A suction head is adapted to be placed against the hollow shaft and is provided with a thread clamping mechanism and the thread severing device. Reference Numeral List 1 Bobbin Creel Arm 23 Outer Cylinder 2 Hollow Shaft 24 Line 3 Bearing 25 Cylinder Chamber 4 Centering Plate 25.1 Compressed Air Connection 4.1 Intake or Section Channel 26 Return Spring 5 Bobbin Tube 27 Piston 6 Friction Drive Roller 27.1 Piston Rod 7 Traversing Thread Guide 31 Cutting Blade 8 Thread Feeder 32 Thread Hold-Back Element 9 Leading Roller 33 Support Means 10 Cylindrical Housing 11 Housing 11.1 Annular chamber f1 Friction Drive 11.2 Channel f2 Traversing Thread guide f3 Suction Stream 12 Suction or Intake Stub f4 Bobbin Creel 13 Sealing or gasket ring 14 Chamber 15 Compressed Air Injector 16 Intake or Suction Channel 17 First Clamping Element 18 Second Clamping Element 19 Return Spring 20 Cylinder 21 Return Spring 22 Piston

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/1995

(21) Application No.1002/MAS/1995 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PROCESS FOR MAKING POLYPHENOLS FROM KETONES OR ALDEHYDES AND PHENOLS

|                                               |            |                                               |
|-----------------------------------------------|------------|-----------------------------------------------|
| (51) International classification             | :C07C37/00 | (71)Name of Applicant :                       |
| (31) Priority Document No                     | :NA        | 1)THE DOW CHEMICAL COMPANY                    |
| (32) Priority Date                            | :NA        | Address of Applicant :2030 DOW CENTER, ABBOTT |
| (33) Name of priority country                 | :NA        | ROAD, MIDLAND MICHIGAN 48640 U.S.A.           |
| (86) International Application No             | :NA        | (72)Name of Inventor :                        |
| Filing Date                                   | :NA        | 1)RICHARD M WEHMEYER                          |
| (87) International Publication No             | : NA       | 2)MARLIN E WALTERS                            |
| (61) Patent of Addition to Application Number | :NA        | 3)EMMETT L TASSET                             |
| Filing Date                                   | :NA        | 4)STEVEN L BREWSTER                           |
| (62) Divisional to Application Number         | :NA        |                                               |
| Filing Date                                   | :NA        |                                               |

(57) Abstract :

A catalyst useful for the condensation of an aldehyde or ketone starting material with a phenol is an insoluble mercaptosulfonic acid compound. The heterogeneous catalysts comprise catalytically-active species represented by the formula: L is an optional linking group and - is a bond, which catalytically-active species is attached by the bond - to an insoluble organic or inorganic support; or a catalytically-active species represented by the formula: wherein L" is an optional linking group, - is a bond and 0" and 0" are residues of 0, and a and b are independently selected from integers equal to or greater than 1.

No. of Pages : 169 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/1999

(21) Application No.1004/MAS/1999 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : A PROCESS FOR PRODUCING DEXTROSE FROM STARCH FROM SACCHARIFICATION

|                                               |            |                                          |
|-----------------------------------------------|------------|------------------------------------------|
| (51) International classification             | :C08B30/00 | (71)Name of Applicant :                  |
| (31) Priority Document No                     | :NA        | 1)NOVO NORDISK A/S                       |
| (32) Priority Date                            | :NA        | Address of Applicant :NOVO ALLE, DK-2880 |
| (33) Name of priority country                 | :NA        | BAGSVAERD, Denmark                       |
| (86) International Application No             | :NA        | (72)Name of Inventor :                   |
| Filing Date                                   | :NA        | 1)SVEN PEDERSEN                          |
| (87) International Publication No             | : NA       | 2)CLAUS CHRISTOPHERSEN                   |
| (61) Patent of Addition to Application Number | :NA        |                                          |
| Filing Date                                   | :NA        |                                          |
| (62) Divisional to Application Number         | :NA        |                                          |
| Filing Date                                   | :NA        |                                          |

(57) Abstract :

ABSTRACT This invention relates to a process for producing dextrose from starch. Staroh is liquified first and is then treated with pure carbohydrate binding domain and atleast one amylopectin debranching enzyme. Dextrose is recovered from the reaction mixture in a known perse.

No. of Pages : 37 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/12/2001

(21) Application No.1004/MAS/2001 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : TRANSPORT AND STORAGE CONTAINER FOR LIOQUIDE

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(51) International classification

:B65D6/28

(31) Priority Document No

:200 21

321.0

(32) Priority Date

:16/12/2000

(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)PROATECHNA S A

Address of Applicant :RUE SAINT-PIERRE 8,CH-1701

FRIBOURG. Switzerland

(72)Name of Inventor :

1)UDO SCHUTZ

(57) Abstract :

The invention relates to a transport and storage container for liquids, in which the lower base (12) of the inner container (2), a drainage channel (13) is disposed, extending at a slight gradient from the container rear wall (11) to the container front wall (8) comprises, on both sides of a dome-like inward curvature (26) in the container front wall (8) for receiving the outlet pipe (9) and the discharge fitting (10), two front base sections (29, 30) rising towards the container front wall (8) and the respectively adjoining corner regions (27, 28) or the adjoining corner and side wall regions (27, 35; 28,36) and having drainage surfaces (31, 32) for guiding the residual liquid out of the front base space (33) of the inner container (2) via the base sump (14) into the outlet pipe (9) of the inner container (2) during the residual draining of the transport and storage container (1).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/02/2008

(21) Application No.1113/CHENP/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PARTICULATE DRY TINTER COMPRISING AT LEAST TWO PIGMENTS PROCESS FOR ITS PREPARING AND USE IN A COATING COMPOSITION

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|                                                                 |                                   |                                                                                                                                                   |
|-----------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                               | :C09D7/14;<br>C09D17/00           | (71)Name of Applicant :<br>1)IMPERIAL CHEMICAL INDUSTRIES PLC<br>Address of Applicant :20 Manchester Square London WU1<br>3AN United Kingdom U.K. |
| (31) Priority Document No                                       | :0516860.4                        |                                                                                                                                                   |
| (32) Priority Date                                              | :17/08/2005                       |                                                                                                                                                   |
| (33) Name of priority country                                   | :U.K.                             |                                                                                                                                                   |
| (86) International Application No<br>Filing Date                | :PCT/EP2006/007382<br>:26/07/2006 | (72)Name of Inventor :<br>1)Sasada, Paul, John, Christopher<br>2)Heather Elizabeth Williams<br>3)Hugues Straub                                    |
| (87) International Publication No                               | :WO/2007/019950                   |                                                                                                                                                   |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |                                                                                                                                                   |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |                                                                                                                                                   |

---

(57) Abstract :

A particulate dry tinter for use in tinting a coating composition including at least two coloured pigments, in which the particulate tinter has a colour hue predictive of the colour hue of the tinted coating composition and the coating when applied.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/03/2009

(21) Application No.1197/CHENP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : FOCAL SPOT SIZE MEASUREMENT WITH A MOVABLE EDGE LOCATED IN A BEAM-SHAPING DEVICE

|                                               |                    |                                                 |
|-----------------------------------------------|--------------------|-------------------------------------------------|
| (51) International classification             | :G03B42,A61C5      | (71)Name of Applicant :                         |
| (31) Priority Document No                     | :06118656.5        | 1)KONINKLIJKE PHILIPS ELECTRONICS N.V.          |
| (32) Priority Date                            | :09/08/2006        | Address of Applicant :GROENEWOUDSEWEG 1 NL-5621 |
| (33) Name of priority country                 | :EPO               | BA EINDHOVEN NETHERLANDS Netherlands            |
| (86) International Application No             | :PCT/IB2007/052917 | (72)Name of Inventor :                          |
| Filing Date                                   | :23/07/2007        | 1)SNOEREN Rudolph Maria                         |
| (87) International Publication No             | :WO/2008/017976    |                                                 |
| (61) Patent of Addition to Application Number | :NA                |                                                 |
| Filing Date                                   | :NA                |                                                 |
| (62) Divisional to Application Number         | :NA                |                                                 |
| Filing Date                                   | :NA                |                                                 |

(57) Abstract :

It is described a method for measuring the sharpness in an X-ray system (100). The measurement is based on a common edge response. An edge device (120) representing the projection device is placed within a beam-shaping device (470). Due to a high geometrical magnification factor the edge response function (241a) and also both an impulse response function (246a) and a modulation transfer function (251a) will predominately depend on the size of the focal spot (112) rather than on a pre-sampling spread function of a detector (130) being used for receiving the X-radiation (117), which has laterally passed the edge device (120).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/03/2009

(21) Application No.1198/CHENP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : A METHOD, APPARATUS, GRAPHICAL USER INTERFACE, COMPUTER-READABLE MEDIUM AND USE FOR QUANTIFICATION OF A STRUCTURE IN AN OBJECT OF AN IMAGE DATASET

|                                               |                    |                                                 |
|-----------------------------------------------|--------------------|-------------------------------------------------|
| (51) International classification             | :G06T 7/00         | (71)Name of Applicant :                         |
| (31) Priority Document No                     | :06118650.8        | 1)KONINKLIJKE PHILIPS ELECTRONICS N.V.          |
| (32) Priority Date                            | :09/08/2006        | Address of Applicant :GROENEWOUDSEWEG 1 NL-5621 |
| (33) Name of priority country                 | :EPO               | BA EINDHOVEN NETHERLANDS Netherlands            |
| (86) International Application No             | :PCT/IB2007/053003 | (72)Name of Inventor :                          |
| Filing Date                                   | :30/07/2007        | 1)WIEMKER Rafael                                |
| (87) International Publication No             | :WO/2008/017984    | 2)BUELOW Thomas                                 |
| (61) Patent of Addition to Application Number | :NA                | 3)OPFER Roland                                  |
| Filing Date                                   | :NA                |                                                 |
| (62) Divisional to Application Number         | :NA                |                                                 |
| Filing Date                                   | :NA                |                                                 |

(57) Abstract :

The present invention describes a way to quantify the trapped-air disease and how to allow efficient user interaction for inspection via a graphical user interface. The results of the invention may also be used for rapid and accurate diagnosis of trapped air disease. An apparatus, graphical user interface, computer-readable medium and use are also provided. FIG. 4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/02/2008

(21) Application No.1044/CHENP/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING AN IRON CHELATOR

---

(51) International classification :A61K31/4196  
(31) Priority Document No :05108071.1  
(32) Priority Date :02/09/2005  
(33) Name of priority country :EUROPEAN UNION  
(86) International Application No :PCT/EP06/65952  
    Filing Date :04/09/2006  
(87) International Publication No :WO/2007/026028  
(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)NEURAXO BIOPHARMACEUTICALS GMBH  
        Address of Applicant :MAX-PLANCK-STRASSE 15A 40699 ERKRATH Germany  
(72)Name of Inventor :  
    1)VEREYKEN, INGRID  
    2)FRANSSEN, OKKE  
    3)MASANNECK, CARMEN

(57) Abstract :

The invention discloses a pharmaceutical composition for parenteral administration comprising an iron chelating agent. The active compound is at least partially in sustained released form. The preferably viscous composition may further comprise sustained release particles, such as phospholipid particles, in which active ingredient may be incorporated. The composition is particularly useful for the treatment and regeneration of nervous tissue, such as of injured nerve fibers, by intramural or intarsia injection.

No. of Pages : 43 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2009

(21) Application No.1087/CHENP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : A METHOD FOR PREPARING P-BROMOFLUOROBENZENE

|                                                                 |                                         |                                                                                                                                                                                          |
|-----------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                               | :B01J27/128;<br>C07B61/00;<br>C07C17/12 | (71)Name of Applicant :<br>1)ZONG Keng<br>Address of Applicant :Room 302 B Unit 7th Worker's<br>Dormitory Building Qiyan Institute Changzhou City Jiangsu<br>Province 213104 China China |
| (31) Priority Document No                                       | :NA                                     | (72)Name of Inventor :                                                                                                                                                                   |
| (32) Priority Date                                              | :NA                                     | 1)ZONG Keng                                                                                                                                                                              |
| (33) Name of priority country                                   | :NA                                     |                                                                                                                                                                                          |
| (86) International Application No<br>Filing Date                | :PCT/CN2006/001858<br>:26/07/2006       |                                                                                                                                                                                          |
| (87) International Publication No                               | :WO/2008/017197                         |                                                                                                                                                                                          |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                              |                                                                                                                                                                                          |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                              |                                                                                                                                                                                          |

(57) Abstract :

Disclosed is a method for preparing p-bromofluorobenzene, wherein bromination is carried out between liquid fluorobenzene and bromine in the presence of catalyst to produce p-bromofluorobenzene and hydrogen bromide. The method is characterized by feeding chlorine into the reaction system for oxidation reaction with hydrogen bromide to produce hydrogen chloride and oxidation product of hydrogen bromide, and oxidation product of hydrogen bromide make further bromination of fluorobenzene to produce p-bromofluorobenzene. After the bromination, the reaction mixture is used as final product or the reaction mixture is post-treated to give final product. The post-treatment is to remove at least one of hydrogen chloride, p-chlorofluorobenzene and o-bromofluorobenzene in the product after the bromination for higher purity of p-bromofluorobenzene.

No. of Pages : 44 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2009

(21) Application No.1103/CHENP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : "REASSORTMENT BY FRAGMENT LIGATION"

|                                                                 |                                   |                                                                                                                                                                                                          |
|-----------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                               | :C12Q 1/68, C12P<br>19/34         | (71)Name of Applicant :<br>1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL<br>RESEARCH ORGANISATION<br>Address of Applicant :Limestone Avenue Campbell<br>Australian Capital Territory 2612 Australia Australia |
| (31) Priority Document No                                       | :60/838,098                       |                                                                                                                                                                                                          |
| (32) Priority Date                                              | :15/08/2006                       |                                                                                                                                                                                                          |
| (33) Name of priority country                                   | :U.S.A.                           |                                                                                                                                                                                                          |
| (86) International Application No<br>Filing Date                | :PCT/AU2007/001156<br>:15/08/2007 | (72)Name of Inventor :<br>1)COPPIN Christopher Wayne<br>2)RUSSELL Robyn J.<br>3)OAKESHOTT John G.<br>4)SCOTT Colin                                                                                       |
| (87) International Publication No                               | :WO/2008/019439                   |                                                                                                                                                                                                          |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |                                                                                                                                                                                                          |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |                                                                                                                                                                                                          |

(57) Abstract :

The present invention provides methods for preparing polynucleotide variants. In one aspect of the invention, the method comprises: a) exposing a pool of two or more related polynucleotides to at least one nicking enzyme, where at least some of the polynucleotides are partially and/or fully double stranded, b) removing, and/or inhibiting the activity of, the at least one nicking enzyme, c) denaturing the polynucleotides, d) allowing the denatured polynucleotides to form at least partially double stranded polynucleotides, e) exposing the double stranded polynucleotides formed in step d) to a ligase. Also provided are methods of making a polynucleotide and/or polypeptide having a desired property.

No. of Pages : 47 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/03/2008

(21) Application No.1200/CHENP/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : METHOD FOR IMPROVING TEXTURE OF FERMENTED MILK

|                                                                 |                                   |                                                                                                                                             |
|-----------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                               | :A23C 9/123,A23C<br>9/13          | (71)Name of Applicant :<br>1)MEIJI DAIRIES CORPORATION<br>Address of Applicant :2-10 Shinsuna 1-chome Koto-ku<br>Tokyo 136-8908 JAPAN Japan |
| (31) Priority Document No                                       | :270645/2005                      |                                                                                                                                             |
| (32) Priority Date                                              | :16/09/2005                       |                                                                                                                                             |
| (33) Name of priority country                                   | :Japan                            | (72)Name of Inventor :<br>1)HORIUCHI, Hiroshi<br>2)OHTOMO, Hideo<br>3)ECHIZEN, Hiroshi                                                      |
| (86) International Application No<br>Filing Date                | :PCT/JP2006/318338<br>:15/09/2006 |                                                                                                                                             |
| (87) International Publication No                               | :WO/2007/032459                   |                                                                                                                                             |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |                                                                                                                                             |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |                                                                                                                                             |

(57) Abstract :

In order to provide fermented milk with excellent hardness and flavor and a method for producing the same, the method for producing fermented milk uses yogurt mix in which 0.3 % by weight or more  $\alpha$ -lactalbumin is added to starting milk mixture, yogurt mix containing whey protein concentrate in which  $\alpha$ -lactalbumin is contained in the amount of 60 % by weight based on the protein, yogurt mix in which 0.4 % by weight or more  $\beta$ -lactoglobulin is added to starting milk mixture, or yogurt mix containing whey protein concentrate in which  $\beta$ -lactoglobulin is contained in the amount of 65 % by weight or more based on the protein.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2008

(21) Application No.1224/CHENP/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : NUCLEIC ACID SEQUENCES ENCODING PROTEINS ASSOCIATED WITH ABIOTIC STRESS RESPONSE AND PLANT CELLS AND PLANTS WITH INCREASED TOLERANCE TO ENVIRONMENTAL STRESS

|                                               |                           |                                                                                                                                             |
|-----------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C12N 15/82,<br>A01H 5/00 | (71)Name of Applicant :<br>1)BASF PLANT SCIENCE GMBH<br>Address of Applicant :CARL-BOSCH-STRASSE 38, 67056<br>LUDWIGSHAFEN, GERMANY Germany |
| (31) Priority Document No                     | :60/707, 841              | 2)METANOMICS GMBH                                                                                                                           |
| (32) Priority Date                            | :12/08/2005               | (72)Name of Inventor :<br>1)CHARDONNENS, AGNES                                                                                              |
| (33) Name of priority country                 | :U.S.A.                   | 2)PUZIO, PIOTR                                                                                                                              |
| (86) International Application No             | :PCT/EP06/65039           | 3)KERSIE, BRYAN, D                                                                                                                          |
| Filing Date                                   | :03/08/2006               |                                                                                                                                             |
| (87) International Publication No             | :WO/2007/020198           |                                                                                                                                             |
| (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 generally to nucleic acid sequences encoding proteins that are associated with abiotic stress responses and abiotic stress tolerance in plants. This invention further relates to transformed plant cells with altered metabolic activity compared to a corresponding non-transformed, wild-type plant cell, wherein the metabolic activity is altered by transformation with a Stress-Related Protein (SRP) coding nucleic acid and results in increased tolerance and/or resistance to an environmental stress as compared to a corresponding non-transformed, wild-type plant cell.

No. of Pages : 124 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/03/2008

(21) Application No.1199/CHENP/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : 7-(2-AMINO-1-HYDROXY-ETHYL)-4-HYDROXYBENZOTHIAZOL-2(3H)-ONE-DERIVATIVES AS B2 ADRENOCEPTOR AGONISTS

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K31/4196       |
| (31) Priority Document No                     | :0501906-2         |
| (32) Priority Date                            | :29/08/2005        |
| (33) Name of priority country                 | :Sweden            |
| (86) International Application No             | :PCT/SE2006/000980 |
| Filing Date                                   | :28/08/2006        |
| (87) International Publication No             | :WO/2007/027133    |
| (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)ASTRAZENECA AB                                        |
| Address of Applicant :S-151 85 Södertälje SWEDEN Sweden |
| (72)Name of Inventor :                                  |
| 1)BAILEY, Andrew                                        |
| 2)BONNERT, Roger                                        |
| 3)FLAHERTY, Alice                                       |
| 4)PAIRAUDEAU, Garry                                     |
| 5)STOCKS, Michael                                       |

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(57) Abstract :

The present invention provides compounds of formula (I) wherein e, R1, R2, R3, R4, R5, R4 "", R5 "", R6, R7, A, D, m and n are as defined in the specification, processes for their preparation, pharmaceutical compositions containing them and their use in therapy.

No. of Pages : 83 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/03/2009

(21) Application No.1199/CHENP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : SYSTEM AND METHOD OF POSITIONING A SENSOR FOR ACQUIRING A VITAL PARAMETER OF A SUBJECT

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|                                                                 |                                   |
|-----------------------------------------------------------------|-----------------------------------|
| (51) International classification                               | :A61B5/0402                       |
| (31) Priority Document No                                       | :06118637.5                       |
| (32) Priority Date                                              | :09/08/2006                       |
| (33) Name of priority country                                   | :EPO                              |
| (86) International Application No<br>Filing Date                | :PCT/IB2007/052841<br>:17/07/2007 |
| (87) International Publication No                               | :WO/2008/017974                   |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |

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(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.  
Address of Applicant :GROENEWOUDEWEG 1 NL-5621  
BA EINDHOVEN NETHERLANDS Netherlands

(72)Name of Inventor :

1)THIJS Jeroen Adrianus Johannes  
2)SUCH Olaf  
3)MUEHLSTEFF Jens

---

(57) Abstract :

A Doppler radar sensor (3) is used for generating a reference or target signal (SR, ST), which can be used for positioning of measuring sensors (2) for acquiring a vital parameter of a subject (5). With the invention a simple and reliable technique for positioning sensors (2) is provided. Furthermore a simple and reliable technique for reproducing the position of sensors (2) is provided. FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/03/2009

(21) Application No.1203/CHENP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : WEAR-RESISTANT ALUMINUM ALLOY FOR CASTING ENGINE BLOCKS WITH LINERLESS CYLINDERS

|                                               |                   |                                                                                               |
|-----------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------|
| (51) International classification             | :B21D35/00        | (71)Name of Applicant :                                                                       |
| (31) Priority Document No                     | :11/499,165       | 1)TENEDORA NEMAK, S.A. DE C.V.                                                                |
| (32) Priority Date                            | :03/08/2006       | Address of Applicant :LIBRAMIENTO ARCO VIAL KM. 3.8, GARCIA, NUEVO LEON 66000, MEXICO, Mexico |
| (33) Name of priority country                 | :U.S.A.           | (72)Name of Inventor :                                                                        |
| (86) International Application No             | :PCT/IB07/4235    | 1)VALTIERRA-GALLARDO, SALVADOR,                                                               |
| Filing Date                                   | :03/08/2007       | 2)TALAMANTES-SILVA, JOSE,                                                                     |
| (87) International Publication No             | :(WO 2008/053363) | 3)RODRIGUEZ-JASSO, ANDRES, FERNANDO,                                                          |
| (61) Patent of Addition to Application Number | :NA               | 4)GONZALEZ-VILLAREAL, JOSE, ALEJANDRO,                                                        |
| Filing Date                                   | :NA               |                                                                                               |
| (62) Divisional to Application Number         | :NA               |                                                                                               |
| Filing Date                                   | :NA               |                                                                                               |

(57) Abstract :

Abstract WEAR-RESISTANT ALUMINUM ALLOY FOR CASTING ENGINE BLOCKS WITH LINERLESS CYLINDERS An aluminum-silicon alloy composition is disclosed which meets the manufacturing and performance conditions for linerless cylinder engine block casting using low-cost casting processes such as silica-sand molds. The alloy of the invention comprises in weight percent: 13% - 14% Si; 2.3% - 2.7% Cu; 0.1% -0.4% Fe; 0.1% ■- 0.45% Mn; 0.1% - 0.30% Mg; 0.1% - 0.6% Zn; 0.05% - 0.11% Ti; 0.4% - 0.8% Ni; 0.01% - 0.09% Sr; and the rest being aluminum plus any remainders. This alloy has very good machining characteristics, giving a significantly improved surface finish in the cylinder bores. The manufacturing cost of engine blocks is reduced in about 40% as compared with using current commercial alloys of the prior art requiring iron liners. Any primary Si present is substantially uniformly dispersed, and copper does not segregate during solidification and cooling.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/04/2008

(21) Application No.1705/CHENP/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : COMPOSITIONS AND METHODS USING SAME FOR THE DETECTION OF VIRUSES

|                                                                 |                                   |                                                                                                                                    |
|-----------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                               | :A61K 38/00 ,G01N<br>33/542       | (71)Name of Applicant :<br>1)MND DIAGNOSTIC LTD<br>Address of Applicant :Yozmot Incubator Granot 38100 Doar-na Hefer Israel Israel |
| (31) Priority Document No                                       | :60/714,760                       | (72)Name of Inventor :<br>1)(a) EZRA, Assaf<br>2)ARAD, Dorit<br>3)WAINREB, Gilad                                                   |
| (32) Priority Date                                              | :08/09/2005                       |                                                                                                                                    |
| (33) Name of priority country                                   | :U.S.A.                           |                                                                                                                                    |
| (86) International Application No<br>Filing Date                | :PCT/IL2006/001055<br>:10/09/2006 |                                                                                                                                    |
| (87) International Publication No                               | :WO/2007/029262                   |                                                                                                                                    |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |                                                                                                                                    |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |                                                                                                                                    |

(57) Abstract :

An isolated peptide is provided. The isolated peptide comprising an amino acid sequence selected from the group consisting of SEQ ID NO: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46 and 47, said amino acid sequence being no more than 14 amino acids in length. Also provided are compositions which comprise the peptides and use of same in the detection of viruses.

No. of Pages : 153 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2008

(21) Application No.1770/CHENP/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : DEVICE FOR GASIFICATION OF BIOMASS AND ORGANIC WASTE UNDER HIGH TEMPERATURE AND WITH AN EXTERNAL ENERGY SUPPLY IN ORDER TO GENERATE A HIGH-QUALITY SYNTHETIC GAS

|                                               |                        |                                                                                                                                                        |
|-----------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C10J3/46;<br>C10J3/46 | (71)Name of Applicant :<br>1)COMMISSARIAT A L'ENERGIE ATOMIQUE<br>Address of Applicant :25 RUE LEBLANC, IMMEUBLE "LE<br>PONANT D" F-75015 PARIS France |
| (31) Priority Document No                     | :05 53128              | 2)EUROPLASMA                                                                                                                                           |
| (32) Priority Date                            | :14/10/2005            | (72)Name of Inventor :<br>1)BROTHIER, MERYL                                                                                                            |
| (33) Name of priority country                 | :France                | 2)LABROT, MAXIME                                                                                                                                       |
| (86) International Application No             | :PCT/EP06/67351        | 3)GRAMONDI, PATRICK                                                                                                                                    |
| Filing Date                                   | :12/10/2006            | 4)SEILER, JEAN-MARIE                                                                                                                                   |
| (87) International Publication No             | :WO/2007/042559        | 5)ROUGE, SYLVIE                                                                                                                                        |
| (61) Patent of Addition to Application Number | :NA                    | 6)MICHON, ULYSSE                                                                                                                                       |
| Filing Date                                   | :NA                    |                                                                                                                                                        |
| (62) Divisional to Application Number         | :NA                    |                                                                                                                                                        |
| Filing Date                                   | :NA                    |                                                                                                                                                        |

(57) Abstract :

The invention relates to a gasification of material comprising: - a chamber (1) for mixing material to be treated, comprising opening , 13, 13", 14) for positioning means for in of said material and for positioning plasma source, and forming a zone homogenous mixture of a flow of said least one plasma jet (200, 200") - a zone for reaction (5a, 5b, of said material and the plasma, in communica an opening of the chamber and extending axis Figure 1

No. of Pages : 45 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/04/2008

(21) Application No.1778/CHENP/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : IMIDAZO BENZODIAZEPINE DERIVATIVES

|                                               |                            |                                                                                                                               |
|-----------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K31/5517;<br>A61P25/18 | (71)Name of Applicant :<br>1)F. HOFFMANN-LA ROCHE AG<br>Address of Applicant :124 GRENZACHERSTRASSE CH-4070 BASEL Switzerland |
| (31) Priority Document No                     | :05109446.4                |                                                                                                                               |
| (32) Priority Date                            | :11/10/2005                |                                                                                                                               |
| (33) Name of priority country                 | :EUROPEAN UNION            | (72)Name of Inventor :<br>1)BUETTELMANN, BERND<br>2)KNUST, HENNER<br>3)THOMAS, ANDREW, WILLIAM                                |
| (86) International Application No             | :PCT/EP06/66960            |                                                                                                                               |
| Filing Date                                   | :02/10/2006                |                                                                                                                               |
| (87) International Publication No             | :WO/2007/042421            |                                                                                                                               |
| (61) Patent of Addition to Application Number | :NA                        |                                                                                                                               |
| Filing Date                                   | :NA                        |                                                                                                                               |
| (62) Divisional to Application Number         | :NA                        |                                                                                                                               |
| Filing Date                                   | :NA                        |                                                                                                                               |

(57) Abstract :

The present invention is concerned with substituted imidazo[1,5-a][1,2,4]triazolo[1,5-d][1,4]benzodiazepine derivatives of the following formula wherein the definition of substituents is described in the claims. It has been found that this class of compounds show high affinity and selectivity for GABA A a5 receptor binding sites and might be useful as cognitive enhancer or for the treatment of cognitive disorders like Alzheimer's disease.

No. of Pages : 196 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2008

(21) Application No.1237/CHENP/2008 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : METHOD AND SYSTEM FOR CONFIGURING AN INFORMATION HANDLING SYSTEM FOR ONLINE CONTENT FEEDS

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|                                               |                 |                                                                                                                                    |
|-----------------------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G06F<br>15/16  | (71)Name of Applicant :<br>1)DELL PRODUCT L.P.,<br>Address of Applicant :ONE DELL WAY, ROUND ROCK,<br>TEXAS 78682-2244, USA U.S.A. |
| (31) Priority Document No                     | :11/863,<br>409 | (72)Name of Inventor :<br>1)BOESCH SHANNON<br>2)LAW BOON KIAT<br>3)DAS TAPAS KUMAR                                                 |
| (32) Priority Date                            | :28/09/2007     |                                                                                                                                    |
| (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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(57) Abstract :

Methods and systems configuring an information handling system for online content feeds are disclosed. A method may include determining, during an ordering process for an information handling system, whether a person ordering the information handling system desires to have the information handling system preconfigured to receive online content feeds. The method may also include, determining, during the ordering process, one or more desired online content feeds for which the person desires to have the information handling system preconfigured to receive. The method may further include preconfiguring the information handling system to receive the one or more desired online content feeds prior to delivery of the information handling system to an end user of the information handling system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2008

(21) Application No.11/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : VERTICAL FORGING MACHINE

|                                                              |                         |
|--------------------------------------------------------------|-------------------------|
| (51) International classification                            | :B21J7/14,<br>B22D17/14 |
| (31) Priority Document No                                    | :NA                     |
| (32) Priority Date                                           | :NA                     |
| (33) Name of priority country                                | :NA                     |
| (86) International Application No<br>Filing Date             | :NA                     |
| (87) International Publication No                            | : NA                    |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA                     |
| (62) Divisional to Application Number<br>Filing Date         | :NA                     |

(71)Name of Applicant :

1)WINGTONE INDUSTRIAL CO., LTD

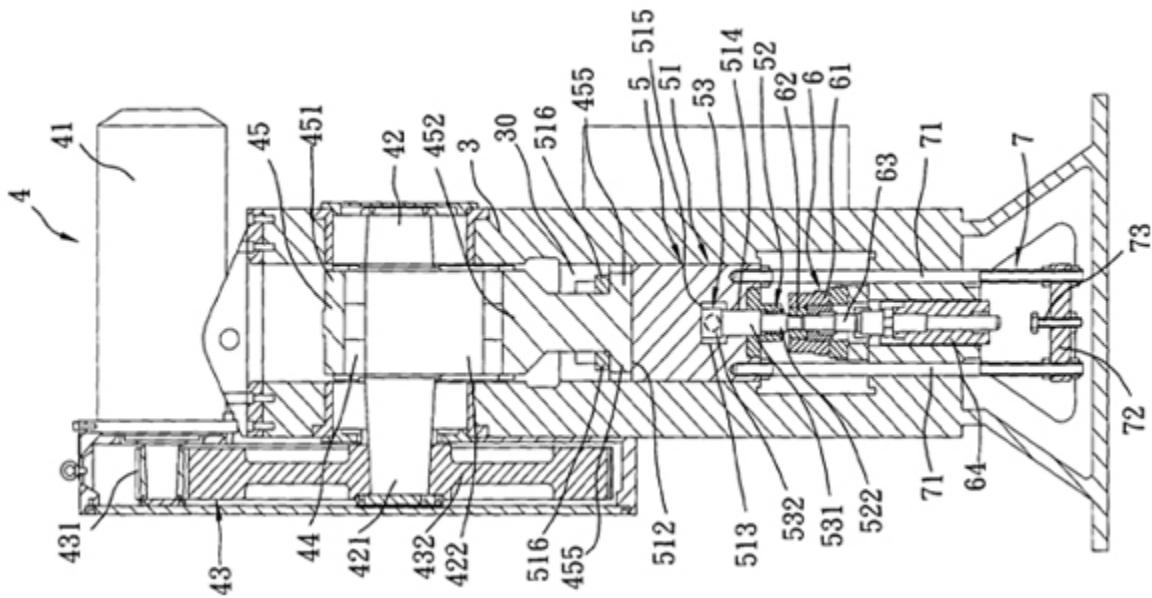
Address of Applicant :NO. 291, TUNG JUNG ST., TUNG SHIH TSUN, KUAN MIAO HSIANG, TAINAN HSIEN Taiwan

(72)Name of Inventor :

1)YUAN-SHI LEE

(57) Abstract :

A vertical forging machine includes a main frame (3), a camshaft (421) mounted rotatably on the main frame (3), a cam body (422) mounted eccentrically on the camshaft (421), a drive gear (431) driven by a motor (41), a speed-reducing gear (432) journalled to the camshaft (421) and meshed with the drive gear (431), a bearing unit (44) sleeved around the cam body (422), an annular sleeve portion (451) sleeved around the bearing unit (44), and a swing arm (452) extending downwardly from the sleeve portion (451). A die unit (6) is assembled on the main frame (3), and is adapted to receive a blank (100) to be punched. A punching mechanism (5) includes a punch rod seat (51) connected pivotally to the swing arm (452), and a punch rod unit (52) adapted to punch the blank (100) disposed in the die unit (6). An ejecting mechanism (7) is assembled on the main frame (3), and includes a push rod (73) disposed below the die unit (6), and an ejecting rod (63) pushed by the push rod (73) and adapted to eject a punched product (101) out of the die unit (6).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2008

(21) Application No.12/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : VERTICAL FORGING MACHINE

|                                                              |                         |
|--------------------------------------------------------------|-------------------------|
| (51) International classification                            | :B21J7/14,<br>B22D17/14 |
| (31) Priority Document No                                    | :NA                     |
| (32) Priority Date                                           | :NA                     |
| (33) Name of priority country                                | :NA                     |
| (86) International Application No<br>Filing Date             | :NA                     |
| (87) International Publication No                            | : NA                    |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA                     |
| (62) Divisional to Application Number<br>Filing Date         | :NA                     |

(71)Name of Applicant :

1)WINGTONE INDUSTRIAL CO., LTD

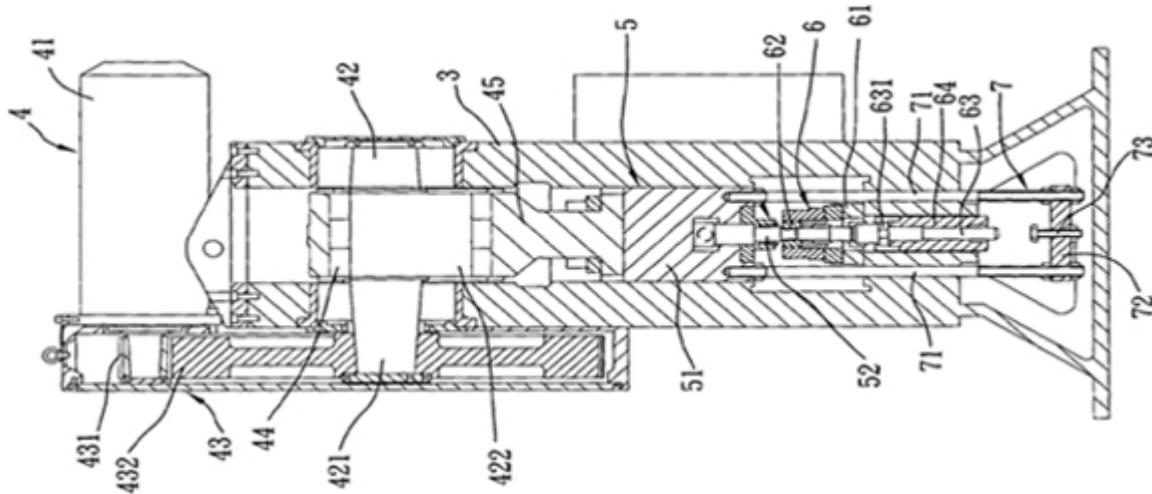
Address of Applicant :NO. 291, TUNG JUNG ST., TUNG SHIH TSUN, KUAN MIAO HSIANG, TAINAN HSIEN Taiwan

(72)Name of Inventor :

1)YUAN-SHI LEE

(57) Abstract :

A vertical forging machine includes a main frame (3), a die unit (6) having a hollow die (62) adapted to receive a blank (100) to be punched, a punching mechanism (5) assembled on the main frame (3) above the die unit (6) and being movable downwardly to a punching position so as to punch the blank (100) in the die (62) and upwardly to a non-punching position, a vertical pull rod (71) fixed to the punching mechanism (5) and extending downwardly to a level below the die unit (6), a connecting seat (72) fixed to a bottom end of the vertical pull rod (71) at the level, a push rod (73) connected to the connecting seat (72), and an ejecting rod (63) insertable movably into the die unit (6) and disposed above the push rod (73). When the punching mechanism (5) is at the non-punching position, the vertical pull rod (71) and the connecting seat (72) are moved upwardly therealong, so that the ejecting rod (63) is pushed upwardly by the push rod (73) into the die (62) to eject a punched product (101) out of the die (62).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2008

(21) Application No.15/KOL/2008 A

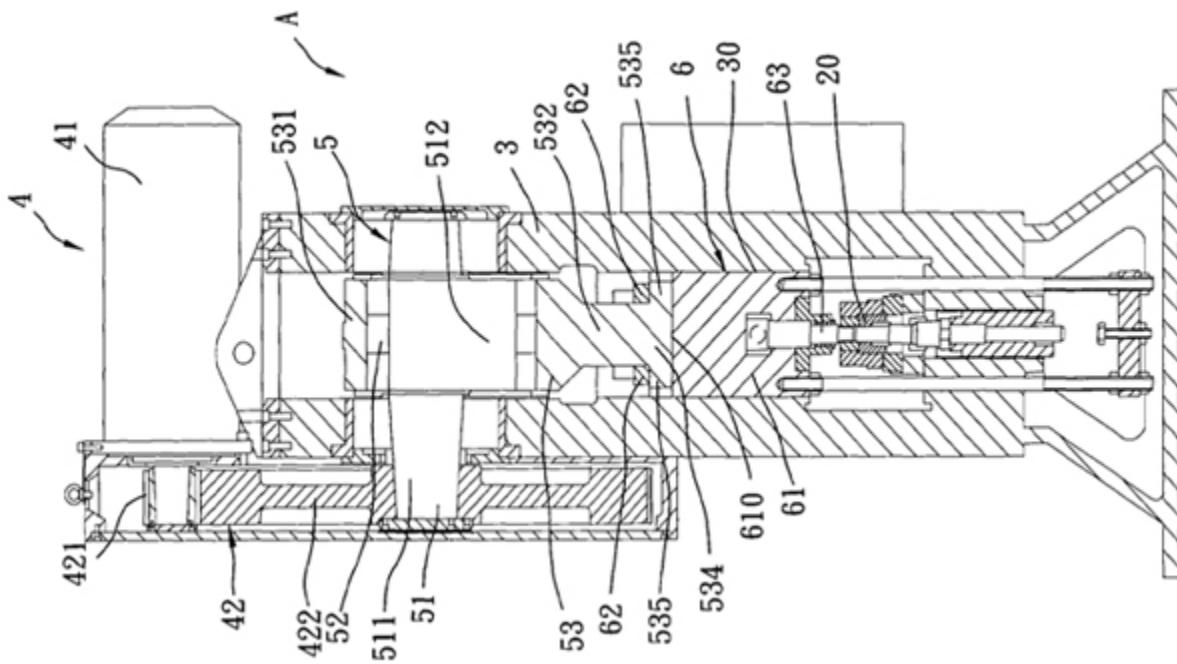
(43) Publication Date : 03/07/2009

(54) Title of the invention : DRIVING MECHANISM FOR A MACHINE

|                                               |           |                                                    |
|-----------------------------------------------|-----------|----------------------------------------------------|
| (51) International classification             | :F01L1/18 | (71)Name of Applicant :                            |
| (31) Priority Document No                     | :NA       | 1)WINGTONE INDUSTRIAL CO., LTD                     |
| (32) Priority Date                            | :NA       | Address of Applicant :NO. 291, TUNG JUNG ST., TUNG |
| (33) Name of priority country                 | :NA       | SHIH TSUN, KUAN MIAO HSIANG, TAINAN HSIEN Taiwan   |
| (86) International Application No             | :NA       | (72)Name of Inventor :                             |
| Filing Date                                   | :NA       | 1)YUAN-SHI LEE                                     |
| (87) International 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 driving mechanism includes a cam unit (51) mounted rotatably on a support frame (3), a linkage (53) having a sleeve portion (531) sleeved around the cam unit (51) and a linking arm (532) extending transversely and downwardly from the sleeve portion (531), and a power mechanism (4) connected drivingly to the cam unit (51). The linking arm (532) has a pivot shaft (534), and two pivot arms (535) extending axially and oppositely from the pivot shaft (534). A driven seat (61) is connected pivotally to the linking arm (532), and has a top face recessed to form a pivoting groove (610) which receives the pivot shaft (534) and the pivot arms (535) rotatably, and two fixing members (62) that are fixed to the top face on two opposite sides of the pivot shaft (534), that extend across the pivoting groove (610), that are disposed respectively over the pivot arms (535) so as to prevent the pivot arms (535) from moving out of the pivoting groove (610), and that respectively contact center lines (538) of the pivot arms (535).



No. of Pages : 23 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2007

(21) Application No.1728/KOL/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : ENZYMATIC TRANSESTERIFICATION OF JATROPA OIL

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|                                               |            |                                                                                                                                                              |
|-----------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C12P19/02 | (71) <b>Name of Applicant :</b><br><b>1)INDIAN INSTITUTE OF TECHNOLOGY</b><br>Address of Applicant :KHARAGPUR, PIN-721 302, DIST-MIDNAPORE West Bengal 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)BANERJEE, RINTU</b>                                                                                                                                     |
| (87) International Publication No             | : NA       | <b>2)KUMARI, ANNAPURNA</b>                                                                                                                                   |
| (61) Patent of Addition to Application Number | :NA        | <b>3)MAHAPATRA, PARAMITA</b>                                                                                                                                 |
| Filing Date                                   | :NA        | <b>4)KUMAR, G. VIJAY</b>                                                                                                                                     |
| (62) Divisional to Application Number         | :NA        |                                                                                                                                                              |
| Filing Date                                   | :NA        |                                                                                                                                                              |

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(57) Abstract :

The present invention relates to a process for preparation of bio diesel from jatropha oil. The process comprises adding an alcohol to the jatropha oil, adding solvent to said alcohol and oil mixture, adding lipase to said mixture of jatropha oil, alcohol and solvent wherein said solvent minimizes interaction of chemicals with lipase thereby resulting in minimum inhibition to active site of the lipase.

No. of Pages : 8 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2007

(21) Application No.1729/KOL/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : NOVEL PROCESSES TO CHIRAL MOLECULES

|                                                              |                                                  |
|--------------------------------------------------------------|--------------------------------------------------|
| (51) International classification                            | :C07C227/12;<br>C07C227/00,A61<br>P25/26,A61P29/ |
| (31) Priority Document No                                    | :NA                                              |
| (32) Priority Date                                           | :NA                                              |
| (33) Name of priority country                                | :NA                                              |
| (86) International Application No<br>Filing Date             | :NA                                              |
| (87) International Publication No                            | : NA                                             |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA                                              |
| (62) Divisional to Application Number<br>Filing Date         | :NA                                              |

(71)Name of Applicant :

1)GENERICs [UK] LIMITED

Address of Applicant :ALBANY GATE, DARKES LANE  
POTTERS BAR, EN6 1AG U.K.

2)MERCK DEVELOPMENT CENTRE PVT. LTD.

(72)Name of Inventor :

1)GAITONDE, ABHAY

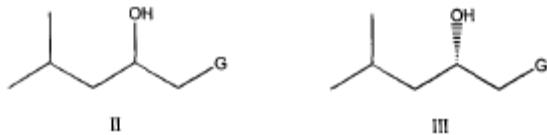
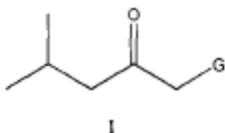
2)DATTA, DEBASHISH

3)MANOJKUMAR, BINDU

4)PHADTARE, SUNANDA

(57) Abstract :

A process for the preparation of racemic pregabalin on (S)-(+)-3-aminomethyl-5- methylhexanoic acid comprising the reduction of keto intermediate I to the hydroxy intermediate II or III , wherein the group G is a carboxylic acid moiety or a functional group that is readily converted into a carboxylic acid group.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2007

(21) Application No.1732/KOL/2007 A

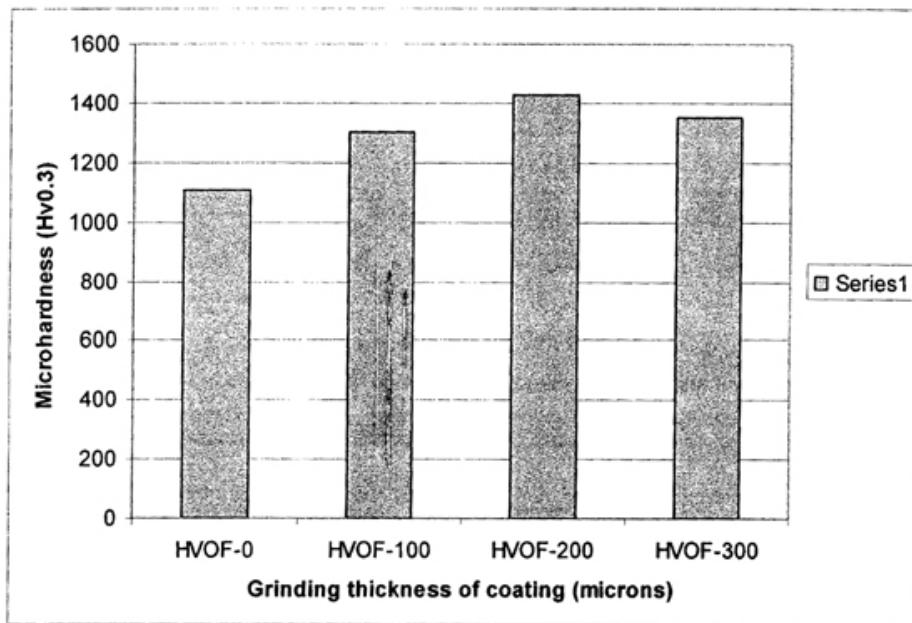
(43) Publication Date : 03/07/2009

(54) Title of the invention : A PROCESS OF IMPROVING ABRASIVE AND EROSION RESISTANCE OF HIGH VELOCITY OXY FUEL (HVOF) SPRAY COATING AND COATED PARTS THEREOF

|                                                              |           |                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :C21D9/00 | (71) <b>Name of Applicant :</b><br><b>1)BHARAT HEAVY ELECTRICALS LIMITED</b><br>Address of Applicant :REGIONAL OPERATIONS DIVISION (ROD), PLOT NO: 9/1, DJ BLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI- 110049 West Bengal India |
| (31) Priority Document No                                    | :NA       |                                                                                                                                                                                                                                                                                                                     |
| (32) Priority Date                                           | :NA       |                                                                                                                                                                                                                                                                                                                     |
| (33) Name of priority country                                | :NA       |                                                                                                                                                                                                                                                                                                                     |
| (86) International Application No<br>Filing Date             | :NA       |                                                                                                                                                                                                                                                                                                                     |
| (87) International Publication No                            | : NA      |                                                                                                                                                                                                                                                                                                                     |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA       |                                                                                                                                                                                                                                                                                                                     |
| (62) Divisional to Application Number<br>Filing Date         | :NA       |                                                                                                                                                                                                                                                                                                                     |

(57) Abstract :

This invention relates to a process of improving abrasive and erosion resistance of high velocity oxy fuel (HVOF) spray coating and coated parts thereof subjected to high abrasive and erosive conditions such as slit erosion comprising the steps of surface preparation of machine parts on grit blasting using 12-16 mesh alumina grit powders coating upto 500 microns thickness on the machine part inside an acoustic chamber on employing liquid fuel and oxygen gas supplied HVOF spray system carried out by HVOF spray gun mounted on 6 axis ABB robot, the coated parts then were surface grinded upto 100 micron to 300 micron; followed by characterize test evaluation of substantial increase in hardness and decrease in wear rate of the grinded coating upto 200 micron surface grinding. The invention relates also to the improve erosive resistant coated products resulted from the process steps.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2007

(21) Application No.1735/KOL/2007 A

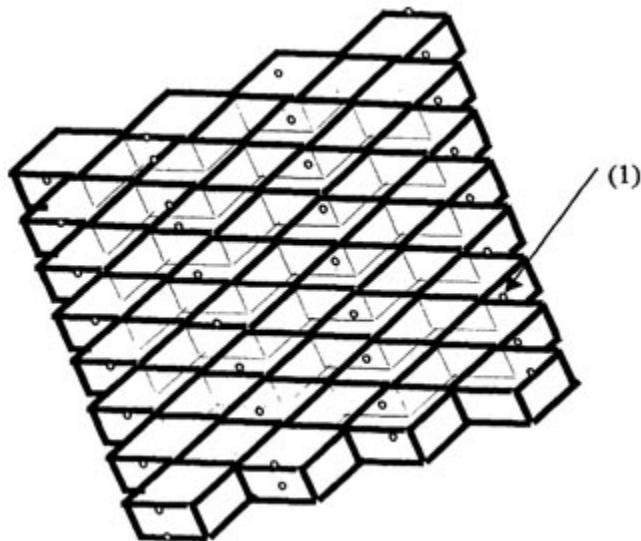
(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD OF MAKING CONCRETE UNITS INSIDE CELLS OF PLASTIC SHEETS

|                                               |            |                                                                                                                                                              |
|-----------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B28B23/02 | (71) <b>Name of Applicant :</b><br><b>1)INDIAN INSTITUTE OF TECHNOLOGY</b><br>Address of Applicant :KHARAGPUR, PIN-721 302, DIST-MIDNAPORE West Bengal 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)PANDEY, B.B.</b>                                                                                                                                        |
| (87) International Publication No             | : NA       | <b>2)RYNTHIANG, TEIBORLANG, LYNGDOH</b>                                                                                                                      |
| (61) Patent of Addition to Application Number | :NA        | <b>3)REDDY, K.S.</b>                                                                                                                                         |
| Filing Date                                   | :NA        |                                                                                                                                                              |
| (62) Divisional to Application Number         | :NA        |                                                                                                                                                              |
| Filing Date                                   | :NA        |                                                                                                                                                              |

(57) Abstract :

A method of preparing concrete units inside the formwork of cells of high density polyethylene (HDPE) sheets comprising of the steps of forming cluster of hollow cubes with high density polyethylene (HDPE) sheets, open at lower and upper surface; filling the cells with zero slump concrete comprising larger size aggregates and mortar of fine particles, rolling the cells with a heavy roller such that the larger size aggregates develop contacts with each other and the mortar finer aggregate particles and cement fill up the voids and curing the concrete for 14 days so as to obtain concrete units having layer elastic modulus of 3500-5000 MPa. Concrete units formed by the above method comprises of comprising formwork of plastic cells of high density polyethylene (HDPE) sheets, filled with zero slump mix and having layer modulus of 3500-5000MPa.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/10/2008

(21) Application No.1786/KOL/2008 A

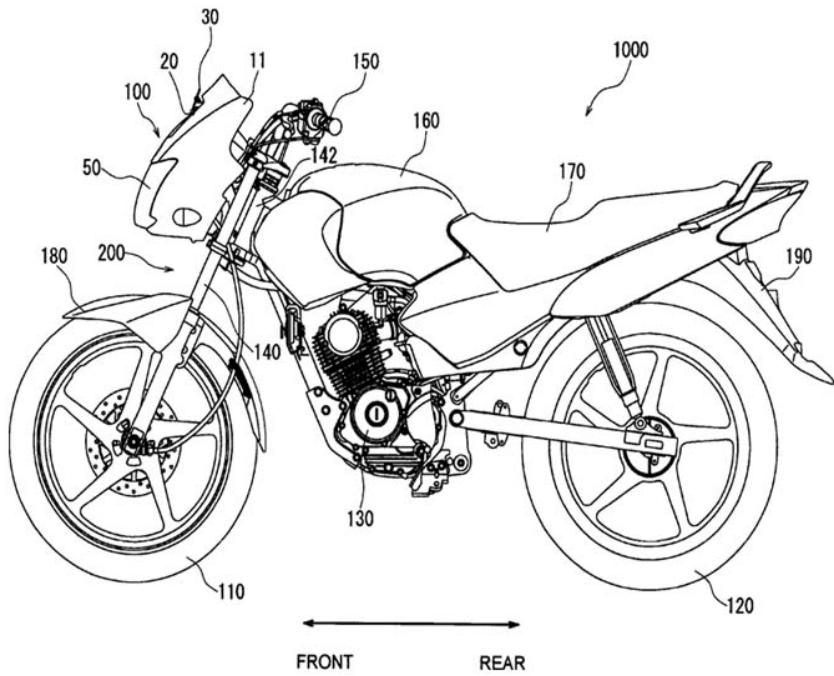
(43) Publication Date : 03/07/2009

(54) Title of the invention : MOTORCYCLE

|                                               |                                                    |                                                                                                                                           |
|-----------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :F01L1/04;<br>F01L1/053;<br>F02F1/24;<br>F02B61/02 | (71)Name of Applicant :<br><b>1)YAMAHA HATSUDOKI KABUSHIKI KAISHA</b><br>Address of Applicant :2500 SHINGAI, IWATA-SHI,<br>SHIZUOKA Japan |
| (31) Priority Document No                     | :2007-<br>338781                                   | (72)Name of Inventor :<br><b>1)FUMIYASU HIRAI</b>                                                                                         |
| (32) Priority Date                            | :28/12/2007                                        |                                                                                                                                           |
| (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 motorcycle includes a front cover disposed above a headlight. The front cover includes: a front cover main body portion; and a hole formed in the front cover main body portion. The front cover main body portion is provided at a back side thereof with a mount portion for a bracket having a portion passing through the hole.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2008

(21) Application No.19/KOL/2008 A

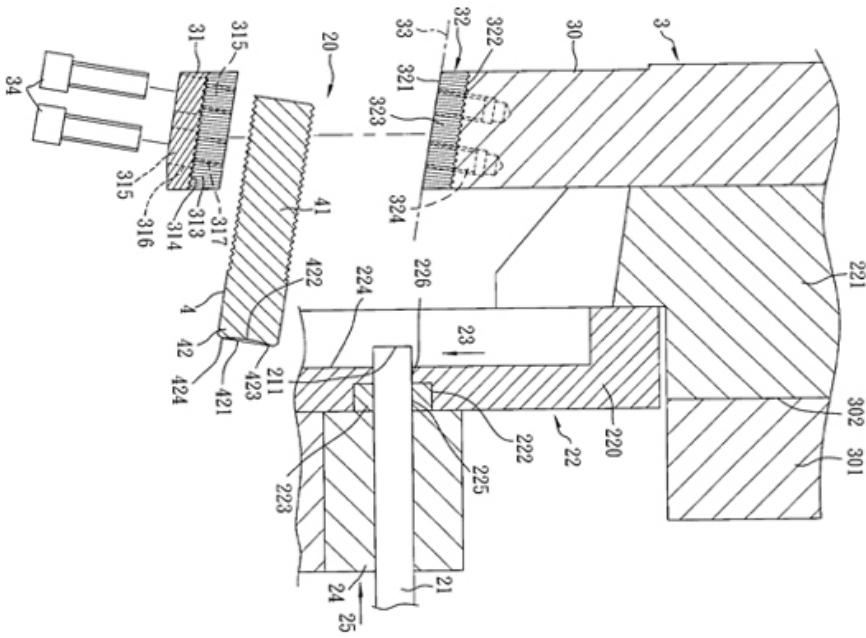
(43) Publication Date : 03/07/2009

(54) Title of the invention : STOP MECHANISM FOR A FORGING MACHINE

|                                               |            |                                                |
|-----------------------------------------------|------------|------------------------------------------------|
| (51) International classification             | :B21K27/02 | (71)Name of Applicant :                        |
| (31) Priority Document No                     | :NA        | 1)WINGTONE INDUSTRIAL CO., LTD.                |
| (32) Priority Date                            | :NA        | Address of Applicant :NO. 291, TUNG JUNG ST.,  |
| (33) Name of priority country                 | :NA        | TUNGSHIH TSUN, KUAN MIAO HSIANG, TAINAN, HSIEN |
| (86) International Application No             | :NA        | Taiwan                                         |
| Filing Date                                   | :NA        | (72)Name of Inventor :                         |
| (87) International Publication No             | : NA       | 1)YUAN-SHI LEE                                 |
| (61) Patent of Addition to Application Number | :NA        |                                                |
| Filing Date                                   | :NA        |                                                |
| (62) Divisional to Application Number         | :NA        |                                                |
| Filing Date                                   | :NA        |                                                |

(57) Abstract :

A stop mechanism (20) is adapted for use with a forging machine that includes a cutting mechanism (22). An elongate workpiece (21) is fed through the cutting mechanism (22) in a feeding direction (25), and has an end surface (211) extending outwardly from a reference surface (224) of the cutting mechanism (22) that is perpendicular to the feeding direction (25). The stop mechanism (20) includes a stop member (4) that has a stop surface (421) adapted for abutting against a portion of the end surface (211) and having opposite proximate and distal ends (423, 424). The distance between the proximate end (423) and the reference surface (224) is shorter than that between the distal end (424) and the reference surface (224). The workpiece (21) is cut by the cutting mechanism (22) from a side thereof corresponding to the proximate end (423) toward an opposite side thereof corresponding to the distal end (424).



No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/11/2008

(21) Application No.1979/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : CAMSHAFT AND CRANKSHAFT POSITION CORRELATION SIMULATION METHODS AND SYSTEMS

(51) International classification

:G09B9/02;G06F17/50

(31) Priority Document No

:11/966,060

(32) Priority Date

:28/12/2007

(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

:NA

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 GM RENAISSANCE CENTER  
DETROIT, MICHIGAN U.S.A.

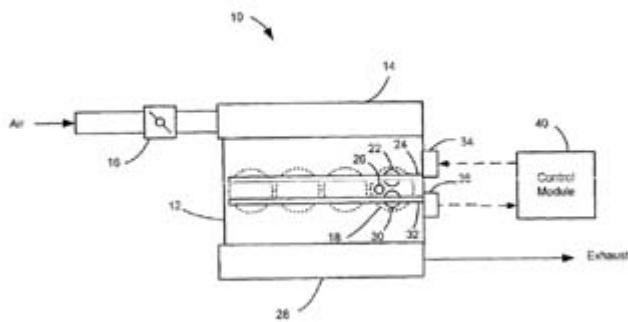
(72)Name of Inventor :

**1)MICHAEL DAVID GRAY**

**2)STEVEN FREDRICK HALLER**

(57) Abstract :

A system designed to simulate an internal combustion engine having improper valve timing is provided. The purpose of the simulation system is to calibrate and/or validate a proprietary cam-crank correlation diagnostic algorithm. The simulation system includes a simulator module that communicates with crankshaft and camshaft position sensors and an engine control module. The simulator module includes: a first selector that selects a shift value for shifting a periodic signal; and a modification module that receives a camshaft position signal from the camshaft position sensor and that generates a modified camshaft position signal based on the crankshaft position signal and the shift value.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.20/KOL/2008 A

(19) INDIA

(22) Date of filing of Application :02/01/2008

(43) Publication Date : 03/07/2009

(54) Title of the invention : COOLING SYSTEM HAVING A CONVEYOR TO CARRY ARTICLES

(51) International classification :F23J1/02  
(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)HSI-FA CHUANG

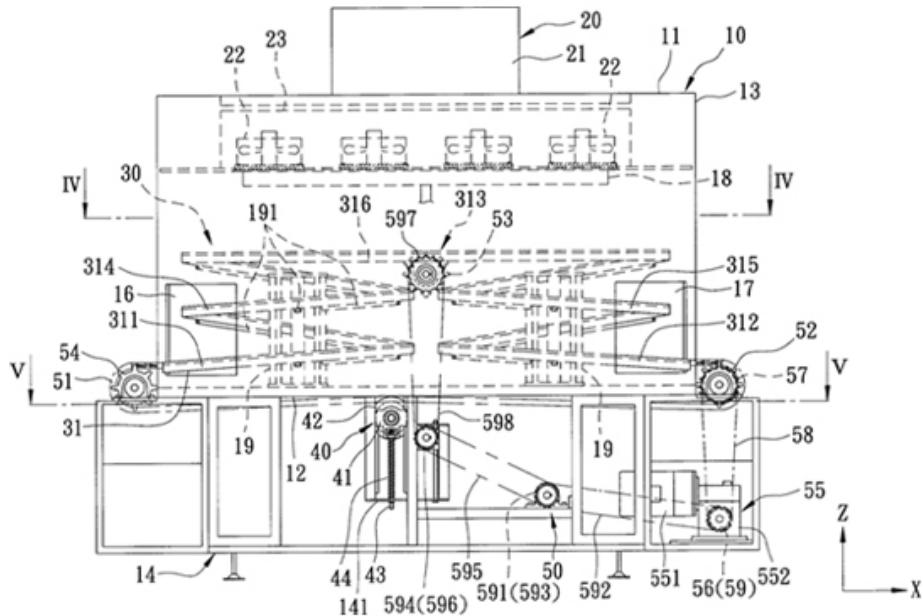
Address of Applicant :NO. 186-8, TUN-HO RD., TSAO-TUN  
CHEN, NAN-TOU HSIEN Taiwan

**(72) Name of Inventor :**

1)HSI-FA CHUANG

(57) Abstract :

A cooling system includes a housing (10) defining a receiving space (15) and having an entrance (16) and an exit (17) communicating spatially with the receiving space (15), a cooling unit (20) including a heat exchanger (23) disposed within the receiving space (15), a track unit (30) disposed within the receiving space (15), and a conveying unit (50). The track unit (30) includes a winding track (31) having first and second end portions (311, 312) extending respectively to the entrance (16) and the exit (17), and a plurality of auxiliary roller sets (32) spaced apart from each other along the length of the winding track (31) and each having a plurality of rollers (321). The conveying unit (50) includes a conveyor belt (51) disposed over the rollers (321), a first drive gear wheel (52) disposed in proximity to one of the first and second end portions (311, 312), a second drive gear wheel (53) disposed between the first and second end portions (311, 312), and a drive unit (55) to activate the first and second drive gear wheels (52, 53), which in turn, activate the conveyor belt (51) to move along the winding track (31).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2008

(21) Application No.2007/KOL/2008 A

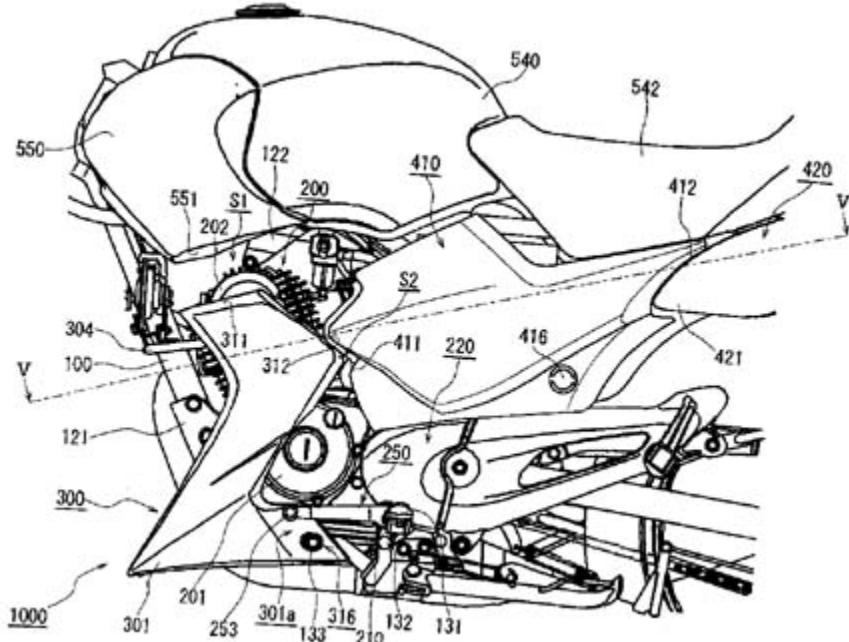
(43) Publication Date : 03/07/2009

(54) Title of the invention : STRADDLE-TYPE VEHICLE

|                                               |                                                            |                                                                                                                                           |
|-----------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B62K11/14;<br>B62K21/12;<br>B62K11/00<br>:2007-<br>338784 | (71)Name of Applicant :<br><b>1)YAMAHA HATSUDOKI KABUSHIKI KAISHA</b><br>Address of Applicant :2500 SHINGAI, IWATA-SHI,<br>SHIZUOKA Japan |
| (31) Priority Document No                     | :NA                                                        | (72)Name of Inventor :<br><b>1)TAKAAKI MIYAZAKI</b>                                                                                       |
| (32) Priority Date                            | :28/12/2007                                                |                                                                                                                                           |
| (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 straddle-type vehicle is provided. The straddle-type vehicle includes: a body frame; an under cowl attached to a lower portion of said body frame and forming an external shape of both of left and right sides of a lower portion of the vehicle; a side cover provided in rear of an upper side of said under cowl and forming an external shape of each of both of left and right sides of an intermediate portion of the vehicle; and a tail cover provided in rear of said side cover and forming an external shape of each of both of left and right sides of a rear portion of the vehicle. A rear portion of said side cover is superimposed on an inside of a front portion of said tail cover. Said side cover is arranged to be movable forward on a lower side. A gap enabling said side cover to move forward on the lower side and the rear portion of said side cover to be detached from the inside of the front portion of said tail cover is formed between said side cover and said under cowl.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2008

(21) Application No.2008/KOL/2008 A

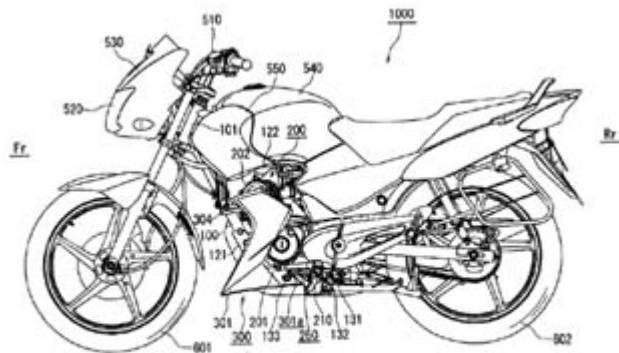
(43) Publication Date : 03/07/2009

(54) Title of the invention : MOTORCYCLE

|                                                              |              |                                                                                                                |
|--------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :B62K11/00   | (71)Name of Applicant :                                                                                        |
| (31) Priority Document No                                    | :2007-341396 | <b>1)YAMAHA HATSUDOKI KABUSHIKI KAISHA</b><br>Address of Applicant :2500 SHINGAI, IWATA-SHI,<br>SHIZUOKA Japan |
| (32) Priority Date                                           | :28/12/2007  | (72)Name of Inventor :                                                                                         |
| (33) Name of priority country                                | :Japan       | <b>1)MIKIO AOYAGI</b>                                                                                          |
| (86) International Application No<br>Filing Date             | :NA<br>:NA   |                                                                                                                |
| (87) International Publication No                            | : NA         |                                                                                                                |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA   |                                                                                                                |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA   |                                                                                                                |

(57) Abstract :

The motorcycle includes: a steering head for supporting a steering shaft capable of rotating; a headlight having a bulb positioned ahead of the steering head; and lead wires connected to switch units and an instrument unit disposed above the steering head. The lead wires are provided to extend in a downward direction from the switch units and the instrument unit on both lateral sides of the bulb and then in a rearward direction.



No. of Pages : 43 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2008

(21) Application No.2009/KOL/2008 A

(43) Publication Date : 03/07/2009

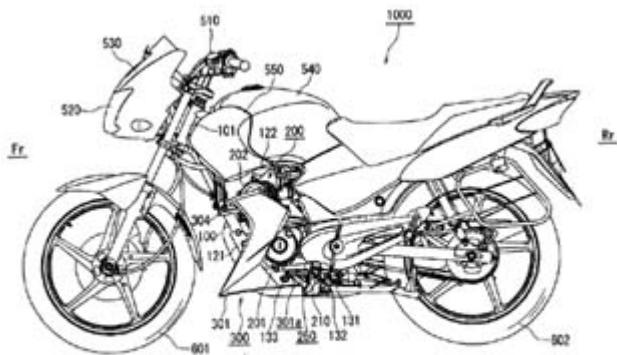
(54) Title of the invention : STRADDLE-TYPE VEHICLE

|                                               |                                        |                                                                                                                                               |
|-----------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B62K11/14;<br>B62K21/12;<br>B62K11/00 | (71)Name of Applicant :<br><b>1)YAMAHA HATSUDOKI KABUSHIKI KAISHA</b><br>Address of Applicant :2500 SHINGAI, IWATA-SHI,<br>SHIZUOKA-KEN Japan |
| (31) Priority Document No                     | :2007-<br>338783                       | (72)Name of Inventor :<br><b>1)TAKAAKI MIYAZAKI</b>                                                                                           |
| (32) Priority Date                            | :28/12/2007                            |                                                                                                                                               |
| (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 straddle-type vehicle is provided. The straddle-type vehicle includes: a body frame; an engine supported at a lower portion of the body frame; an operation pedal pivotally extending to a side portion of the engine; and an under cowl covering up a side portion of the engine. The operation pedal includes a pedal portion provided at a tip end of an arm portion extending from a swinging shaft attached to the engine so as to face side portion of the engine. The under cowl extends between the side portion of the engine and the pedal portion.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2008

(21) Application No.2014/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : ROTOR FOR A WIND POWER GENERATION PLANT

|                                               |                  |
|-----------------------------------------------|------------------|
| (51) International classification             | :F03D1/00        |
| (31) Priority Document No                     | :102007063084.2- |
| (32) Priority Date                            | 15               |
| (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)HORST SIEDLE GMBH & CO. KG.

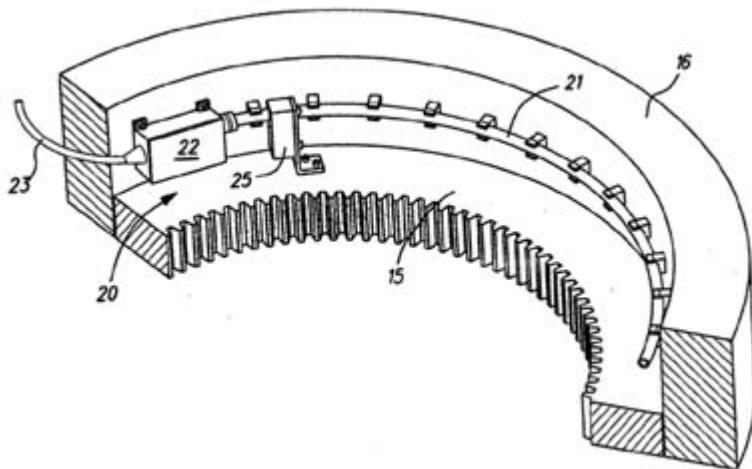
Address of Applicant :BREGSTRASSE 1, 78120  
FURTWANGEN Germany

(72)Name of Inventor :

1)ERNST HALDER

(57) Abstract :

A rotor for a wind power generating plant is described, which is provided with a hub, against which at least one rotor blade is held, where the hub is foreseen with a housing part (16) that has an almost circular opening to which the rotor blade is allocated, and where the rotor blade can be rotated around its longitudinal axis. There is a first agent present that is designed arc-shaped and is arranged in the region of the opening of the housing part (16), where the arc-shaped course is aligned largely co-axial to the longitudinal axis of the rotor blade. There is a second agent present that is attached on to the rotor blade, and which in case of a circular movement of the rotor blade moves along the arc-shaped course of the first agent. There is an electronic system (12) that is designed in such a way that an electrical signal is generated and conducted through the first agent. A second agent is designed in such a way that the electrical signal is influenced by the second agent. The influenced signal is fed to the electronic system (22). The electronic system (22) is designed in such a way that from the influenced signal, the angular position of the rotor blade is determined with respect to the housing part (16).



No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2008

(21) Application No.2017/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : FRONT FENDER OF MOTORCYCLE AND MOTORCYCLE

(51) International classification :B62J15/00  
(31) Priority Document No :2007-341402  
(32) Priority Date :28/12/2007  
(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 :

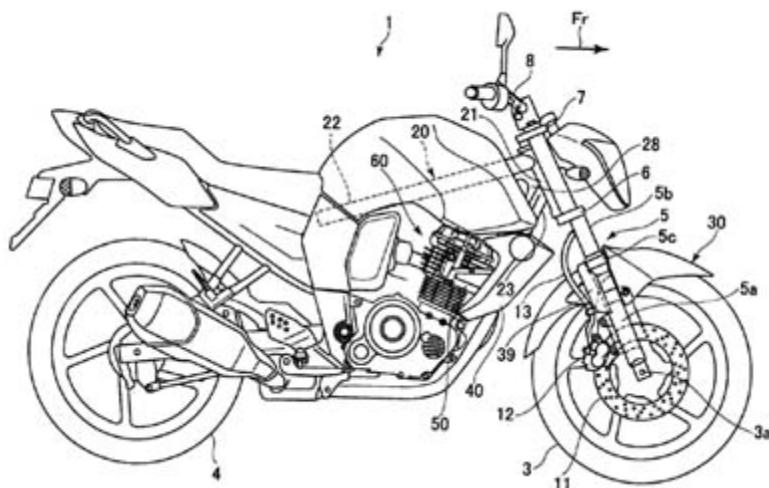
1)YAMAHA HATSUDOKI KABUSHIKI KAISHA  
Address of Applicant :2500 SHINGAI, IWATA-SHI,  
SHIZUOKA Japan

(72)Name of Inventor :

1)HIDEKO OKAMOTO

(57) Abstract :

A front fender of a motorcycle with an upper surface thereof extending rearward along an external shape of a front wheel disposed above the front wheel between a pair of left and right front suspensions supporting the front wheel is provided. A transitional part, in which an extending direction of the upper surface changes, is formed more frontward than a pair of the left and right front suspensions on the upper surface of the front fender to direct airflow flowing along the upper surface of the front fender away from the upper surface.



No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2008

(21) Application No.2019/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : EXHAUST SYSTEM AND STRADDLE-TYPE VEHICLE

|                                               |              |
|-----------------------------------------------|--------------|
| (51) International classification             | :F01N3/00    |
| (31) Priority Document No                     | :2007-341439 |
| (32) Priority Date                            | :28/12/2007  |
| (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 :

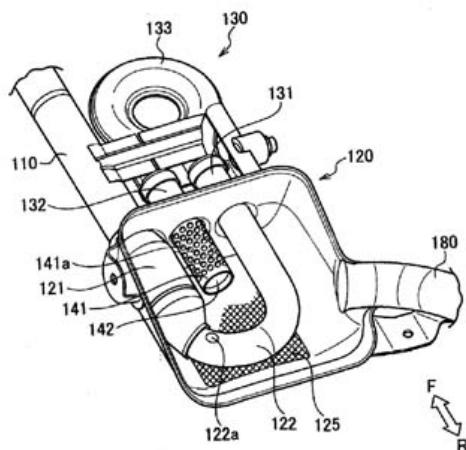
1)YAMAHA HATSUDOKI KABUSHIKI KAISHA  
Address of Applicant :2500 SHINGAI, IWATA-SHI,  
SHIZUOKA Japan

(72)Name of Inventor :

1)MASAMI MIZUANI  
2)SHIGEYUKI MATSUURA

(57) Abstract :

An exhaust system is provided. The exhaust system includes: an exhaust pipe connected to an engine that generates a drive force of a straddle-type vehicle; an expansion chamber communicating with the exhaust pipe and expanding exhaust gases discharged from the engine; a muffler communicating with the expansion chamber; and a recirculation pipe communicating with the expansion chamber. The recirculation pipe includes a first pipe portion and a second pipe portion, the first pipe portion extending from the expansion chamber to the outside of the expansion chamber, and the second pipe portion communicating with the first pipe portion and the expansion chamber. The expansion chamber includes a communication portion allowing the first pipe portion and the exhaust pipe to communicate with each other in the expansion chamber.



No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2008

(21) Application No.2043/KOL/2008 A

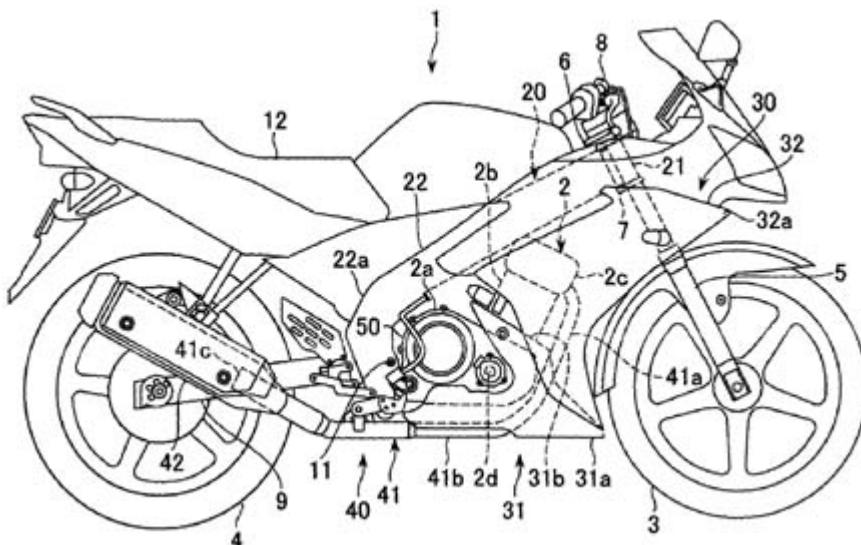
(43) Publication Date : 03/07/2009

(54) Title of the invention : STRADDLE TYPE VEHICLE

|                                                              |              |                                                                                                                    |
|--------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :B62K11/00   | (71)Name of Applicant :                                                                                            |
| (31) Priority Document No                                    | :2007-341406 | <b>1)YAMAHA HATSUDOKI KABUSHIKI KAISHA</b><br>Address of Applicant :2500 SHINGAI, IWATA-SHI,<br>SHIZUOKA-KEN Japan |
| (32) Priority Date                                           | :28/12/2007  | (72)Name of Inventor :                                                                                             |
| (33) Name of priority country                                | :Japan       | <b>1)SHOICHI KUBO</b><br><b>2)TETSUYA HANAI</b>                                                                    |
| (86) International Application No<br>Filing Date             | :NA<br>:NA   |                                                                                                                    |
| (87) International Publication No                            | : NA         |                                                                                                                    |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA   |                                                                                                                    |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA   |                                                                                                                    |

(57) Abstract :

A motorcycle includes an engine, an undercover, an exhaust system, and a bracket. The undercover covers the engine from the lateral directions, and an exhaust pipe included in the exhaust system extends to a vehicle-body rear portion from the engine on the inner side of the undercover. The bracket includes mount holes to be mounted to a main frame, an exhaust-system support portion for mounting the exhaust pipe, and a cover support portion for mounting the undercover.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2008

(21) Application No.2044/KOL/2008 A

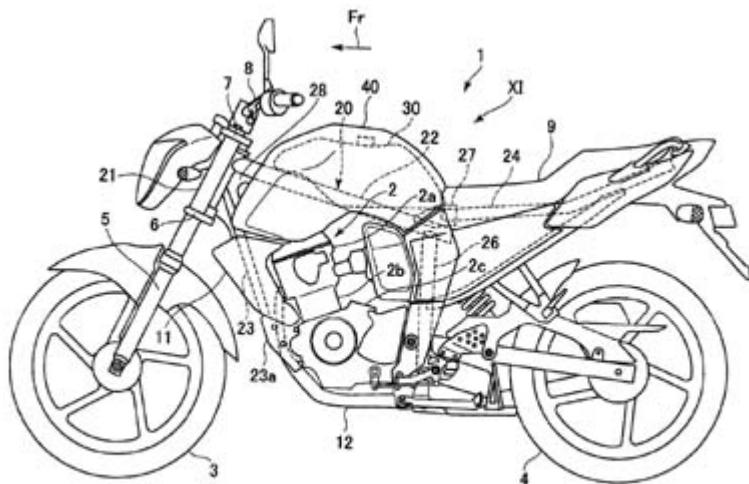
(43) Publication Date : 03/07/2009

(54) Title of the invention : STRADDLE TYPE VEHICLE

|                                                              |              |                                                                                                         |
|--------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :B62K11/00   | (71)Name of Applicant :                                                                                 |
| (31) Priority Document No                                    | :2007-341403 | 1)YAMAHA HATSUDOKI KABUSHIKI KAISHA<br>Address of Applicant :2500 SHINGAI, IWATA-SHI,<br>SHIZUOKA Japan |
| (32) Priority Date                                           | :28/12/2007  | (72)Name of Inventor :                                                                                  |
| (33) Name of priority country                                | :Japan       | 1)TADASHI SHIMOMURA                                                                                     |
| (86) International Application No<br>Filing Date             | :NA<br>:NA   |                                                                                                         |
| (87) International Publication No                            | : NA         |                                                                                                         |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA   |                                                                                                         |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA   |                                                                                                         |

(57) Abstract :

A straddle type vehicle including: a fuel tank having a filler opening on the upper part; and a tank cover for covering the fuel tank and having an orifice at the position of the filler opening. The tank cover includes a center cover on which the orifice is formed and which is molded integrally, and a pair of right and left side covers molded separately from the center cover and disposed on both right and left sides of the center cover for covering the fuel tank from the side.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2008

(21) Application No.2045/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : STRADDLE-TYPE VEHICLE

|                                               |              |
|-----------------------------------------------|--------------|
| (51) International classification             | :B62k11/00   |
| (31) Priority Document No                     | :2007-338782 |
| (32) Priority Date                            | :28/12/2007  |
| (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 :

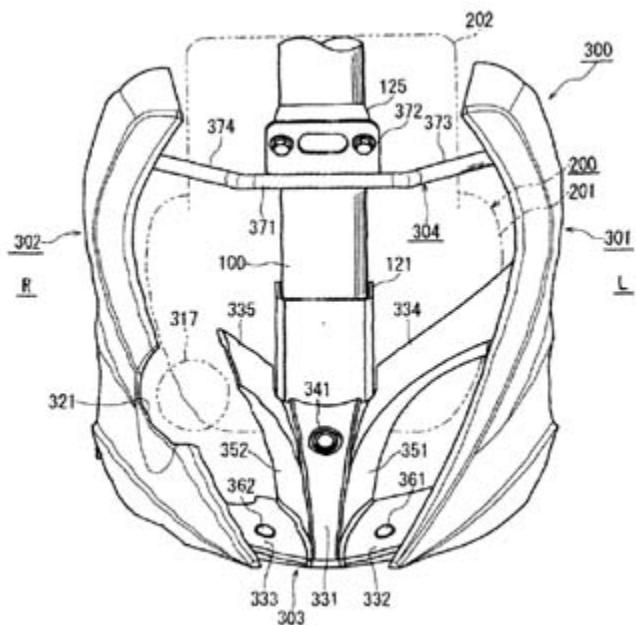
1)YAMAHA HATSUDOKI KABUSHIKI KAISHA  
Address of Applicant :2500 SHINGAI, IWATA-SHI,  
SHIZUOKA Japan

(72)Name of Inventor :

1)TAKAAKI MIYAZAKI

(57) Abstract :

A straddle-type vehicle is provided. The straddle-type vehicle includes an under cowl covering up both left and right sides of an engine attached to a body frame. The under cowl includes: a left side member covering up at least a part of the left side of the engine; a right side member covering up at least a part of the right side of the engine; and a front side member attached to the body frame, extending transversely on a front side of the body frame, and connecting the left side member with the right side member.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/11/2008

(21) Application No.2065/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : MOTORCYCLE

|                                               |              |
|-----------------------------------------------|--------------|
| (51) International classification             | :B63K11/00   |
| (31) Priority Document No                     | :2007-341404 |
| (32) Priority Date                            | :28/12/2007  |
| (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 :

1)YAMAHA HATSUDOKI KABUSHIKI KAISHA

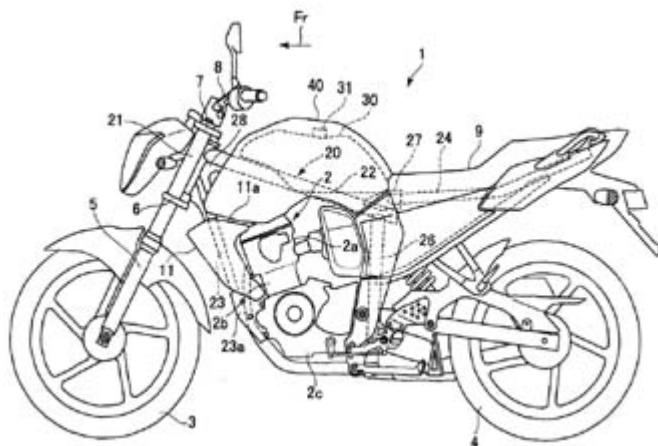
Address of Applicant :2500 SHINGAI, IWATA-SHI,  
SHIZUOKA-KEN Japan

(72)Name of Inventor :

1)TADASHI SHIMOMURA

(57) Abstract :

The motorcycle has a fuel tank provided with a filler opening; a fuel receiver disposed on the outer side of the filler opening; to receive fuel flowed out of the filler opening, a fuel pipe extending from the fuel receiver along the outer face of the fuel tank to drain fuel in the fuel receiver to the lower part; and a tank cover having a profile corresponding to the outer shape of the fuel tank to cover the fuel tank 30 and the fuel pipe.



No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/11/2008

(21) Application No.2066/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : FRONT FENDER AND MOTORCYCLE

|                                                              |              |
|--------------------------------------------------------------|--------------|
| (51) International classification                            | :B62K11/00   |
| (31) Priority Document No                                    | :2007-338785 |
| (32) Priority Date                                           | :28/12/2007  |
| (33) Name of priority country                                | :Japan       |
| (86) International Application No<br>Filing Date             | :NA<br>:NA   |
| (87) International Publication No                            | : NA         |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA   |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA   |

(71)Name of Applicant :

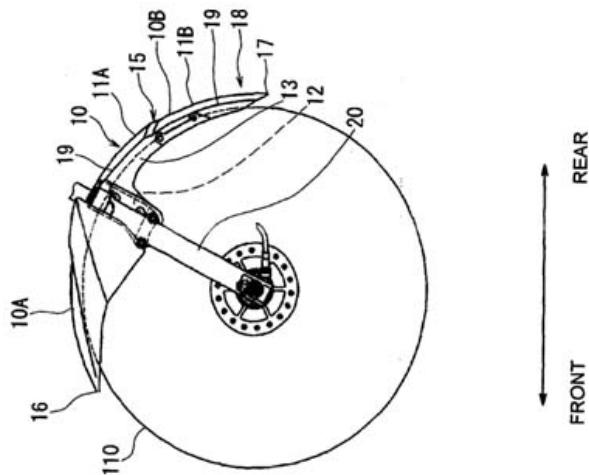
1)YAMAHA HATSUDOKI KABUSHIKI KAISHA  
Address of Applicant :2500 SHINGAI, IWATA-SHI,  
SHIZUOKA Japan

(72)Name of Inventor :

1)MASANORI SHIBATA

(57) Abstract :

A front fender fixed to a front fork for pivoting a front wheel is provided. The front fender covers an upper side of the front wheel, the front fender is provided with a step at its portion behind the front fork, and the step has such a shape that a rear side portion behind the portion provided with the step is closer to the front wheel than a front side portion in front of the portion provided with the step.



No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2008

(21) Application No.2090/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : MOTORCYCLE

|                                                              |              |
|--------------------------------------------------------------|--------------|
| (51) International classification                            | :B62K11/00   |
| (31) Priority Document No                                    | :2007-341399 |
| (32) Priority Date                                           | :28/12/2007  |
| (33) Name of priority country                                | :Japan       |
| (86) International Application No<br>Filing Date             | :NA<br>:NA   |
| (87) International Publication No                            | : NA         |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA   |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA   |

(71)Name of Applicant :

1)YAMAHA HATSUDOKI KABUSHIKI KAISHA

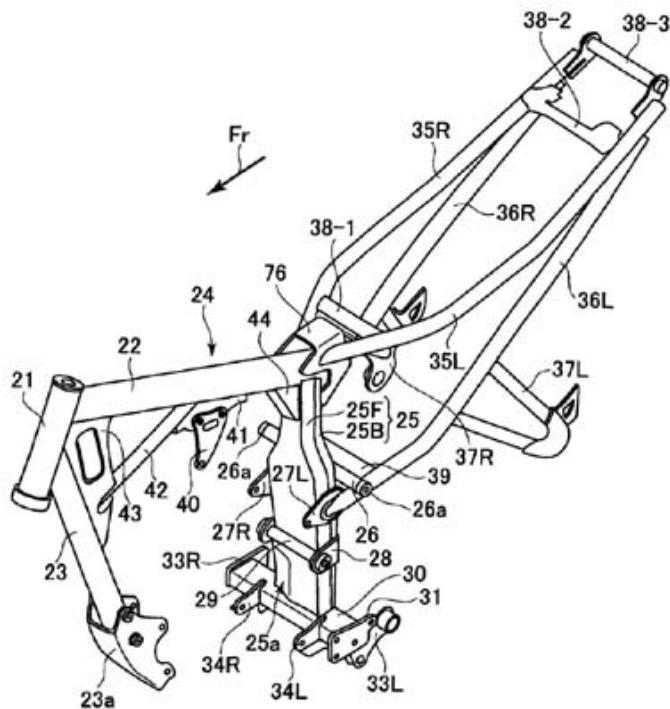
Address of Applicant :2500 SHINGAI, IWATA-SHI,  
SHIZUOKA-KEN Japan

(72)Name of Inventor :

1)TOMOSHIGE SUSAKI

(57) Abstract :

A motorcycle includes: a main frame that has an up-and-down extension part extending in a vehicle up-and-down direction in a vehicle width center; a pair of side plates disposed apart on the right and left of the up-and-down extension part; and a supporting pipe, which is fixed to the up-and-down extension part, extends in a vehicle width direction, and has both ends to which the pair of side plates are attached.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2007

(21) Application No.1449/KOL/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF AMLODIPINE AND VALSARTAN

|                                               |                                      |                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61P<br>9/12;A61K9/20<br>;A61K31/41 | (71) <b>Name of Applicant :</b><br><b>1)LUPIN LIMITED</b><br>Address of Applicant :LUPIN LIMITED, 159 CST ROAD KALINA, SANTACRUZ (EAST) MUMBAI-400 098, STATE OF MAHARASHTRA, INDIA AND ALSO HAVING A PLACE OF BUSINESS AT 1/1, SASHI SHEKHAR BOSE ROAD, KOLKATA-700 025, STATE OF WEST BENGAL |
| (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 single layer pharmaceutical composition comprising active agent(s) amlodipine or a pharmaceutically acceptable salt thereof and valsartan or a pharmaceutically acceptable salt thereof wherein the composition exhibits bioequivalence to the commercially available bilayer tablet dosage form comprising amlodipine besylate and valsartan; when administered to human subject, under the bioequivalence parameters of a 90% Confidence Interval for AUC which is between 80% and 125%, and a 90% Confidence Interval for Cmax, which is between 80% and 125%.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2008

(21) Application No.18/KOL/2008 A

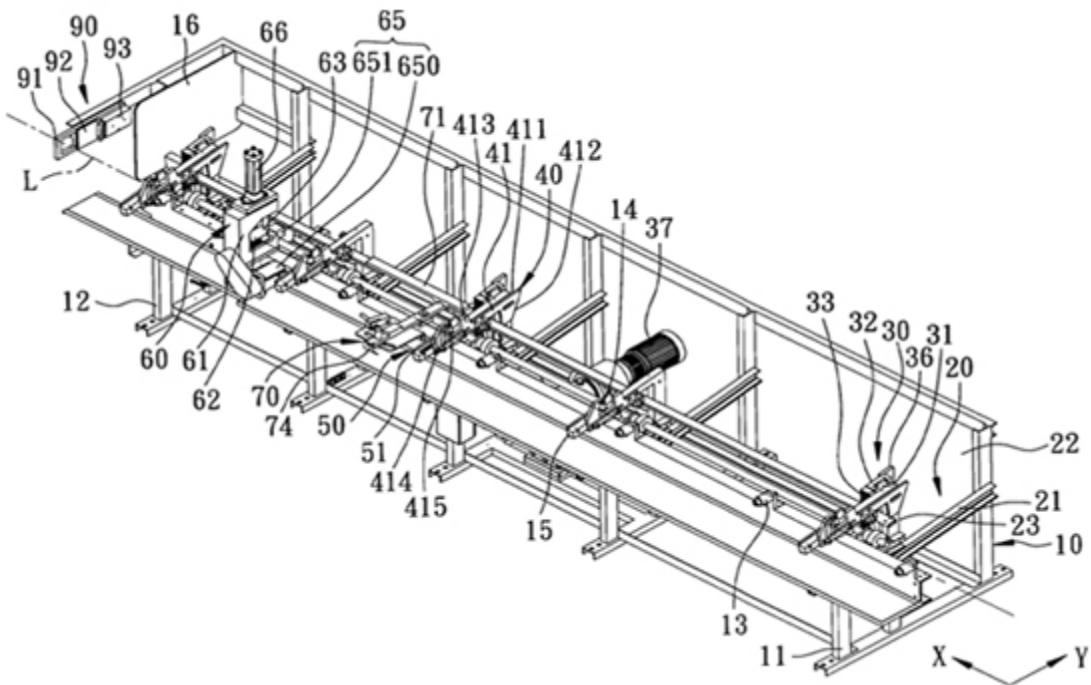
(43) Publication Date : 03/07/2009

(54) Title of the invention : ELONGATED-WORKPIECE FEEDING APPARATUS

|                                               |            |                                                                            |
|-----------------------------------------------|------------|----------------------------------------------------------------------------|
| (51) International classification             | :B21D43/02 | (71)Name of Applicant :                                                    |
| (31) Priority Document No                     | :NA        | 1)SOCO MACHINERY CO., LTD                                                  |
| (32) Priority Date                            | :NA        | Address of Applicant :7, 14TH RD., INDUSTRY PARK, HSI-TUN, TAICHUNG Taiwan |
| (33) Name of priority country                 | :NA        | (72)Name of Inventor :                                                     |
| (86) International Application No             | :NA        | 1)FRANK LIN                                                                |
| 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 elongated-workpiece feeding apparatus includes a machine frame (10), a magazine (20), a lifting unit (30), a guide unit (40), a push unit (50), a feeding unit (60), and a positioning unit (90). The magazine (20) receives a plurality of workpieces (100). The lifting unit (30) cooperates with the guide unit (40) to lift the workpieces (100) onto a top guiding surface (411). The push unit (50) moves the workpieces (100) from the top guiding surface (411) onto a feeding path (L). The feeding unit (60) moves one of the workpieces (100) along the feeding path (L) to contact a gate (92). Subsequently, the gate (92) is removed from the one of the workpieces (100) to allow the one of the workpieces (100) to be fed in preparation for a subsequent cutting operation.



No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2008

(21) Application No.21/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : A METHOD OF PRODUCING PHOSPHORUS FREE INTERSTITIAL FREE HIGH STRENGTH (IFHS) FORMABLE AND WELDABLE STEEL SHEET / STRIP WITH IMPROVED DRAWABILITY

|                                                              |                        |                                                                                                                    |
|--------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :B05D7/14,<br>C21D1/19 | (71) <b>Name of Applicant :</b><br><b>1)TATA STEEL LIMITED</b><br>Address of Applicant :JAMSHEDPUR Jharkhand India |
| (31) Priority Document No                                    | :NA                    | (72) <b>Name of Inventor :</b>                                                                                     |
| (32) Priority Date                                           | :NA                    | <b>1)BASUDEV BHATTACHARYA</b>                                                                                      |
| (33) Name of priority country                                | :NA                    |                                                                                                                    |
| (86) International Application No<br>Filing Date             | :NA<br>:NA             |                                                                                                                    |
| (87) International Publication No                            | : NA                   |                                                                                                                    |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA             |                                                                                                                    |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA             |                                                                                                                    |

(57) Abstract :

This invention relates to a method of producing phosphorus free interstitial free high strength (IFHS), improved drawable and weldable steel sheet / strip comprising the steps of: preparing a steel slab of IFHS grade without phosphorous addition during melting having a composition in weight % of C - < 0.0030, Mn - 0.5 - 0.8, S - < 0.01, P - < 0.012, Si - < 0.015, Al - 0.04 - 0.05, Ti - 0.05 - 0.06, Nb - 0.04 - 0.05, N - (ppm) - < 30; reheating the slab at 1150 - 120° C; finish rolling the steel strip / sheet at temperature within 900 - 910° C above Ar3 temperature of the steel; coiling the strip / sheet at 700° C; cold rolling the coiled strip / sheet with 73 - 77 % reduction; batch annealing the cold rolled sheet / strip maintaining hot spot temperature 720° C and cold spot temperature 690° C and skin pass rolling the annealed sheet / strip with 0.5 % temper elongation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/12/2008

(21) Application No.2102/KOL/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : FOAMED POLYOLEFIN RESIN BEADS

|                                                              |              |                                                                                                    |
|--------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------|
| (51) International classification                            | :C08J3/00    | (71) <b>Name of Applicant :</b>                                                                    |
| (31) Priority Document No                                    | :2007-336856 | <b>1)JSP CORPORATION</b><br>Address of Applicant :4-2, MARUNOUCHI 3-CHOME, CHIYODA-KU, TOKYO Japan |
| (32) Priority Date                                           | :27/12/2007  | (72) <b>Name of Inventor :</b>                                                                     |
| (33) Name of priority country                                | :Japan       | <b>1)NOHARA, TOKUNOBU</b><br><b>2)SHINOHARA, MITSURU</b><br><b>3)OIKAWA, MASAHIRO</b>              |
| (86) International Application No<br>Filing Date             | :NA<br>:NA   |                                                                                                    |
| (87) International Publication No                            | : NA         |                                                                                                    |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA   |                                                                                                    |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA   |                                                                                                    |

(57) Abstract :

The present invention relates to foamed polyolefin resin beads. Further, the present invention provides foamed resin beads obtained by foaming and expanding composite resin beads which include a core layer constituted by a polyolefin resin and a covering layer which covers the core layer constituted by a polyolefin resin, wherein (a) the polyolefin resin constituting the core layer is a crystalline polyolefin resin, (b) the polyolefin resin constituting the covering layer is a crystalline polyolefin resin which has a lower melting point (B) than a melting point (A) of the polyolefin resin constituting the core layer, wherein a temperature difference [(A)-(B)] between the melting point (B) and the melting point (A) is more than 0°C and 80°C or less, or a noncrystalline polyolefin resin which has a softening point (C) lower than the melting point (A) of the polyolefin resin constituting the core layer, wherein a temperature difference [(A)-(C)] between the softening point (C) and the melting point (A) is more than 0°C and 100°C or less, and 10% by weight or more and less than 50% by weight of polymer type antistatic agent is contained in the covering layer. The foamed polyolefin resin beads of the present invention provide foamed polyolefin resin beads are excellent in fusion properties between beads at the time of molding in a mold, capable of providing a molded foamed article which is excellent antistatic performance, has no deterioration of the antistatic performance with age, whose antistatic performance is not humidity dependent, does not contaminate packaging products, has a good molded foamed article surface, and has excellent mechanical properties.

No. of Pages : 61 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/12/2008

(21) Application No.2128/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : MOTORCYCLE

|                                               |              |
|-----------------------------------------------|--------------|
| (51) International classification             | :B62M7/02    |
| (31) Priority Document No                     | :2007-336646 |
| (32) Priority Date                            | :27/12/2007  |
| (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 :

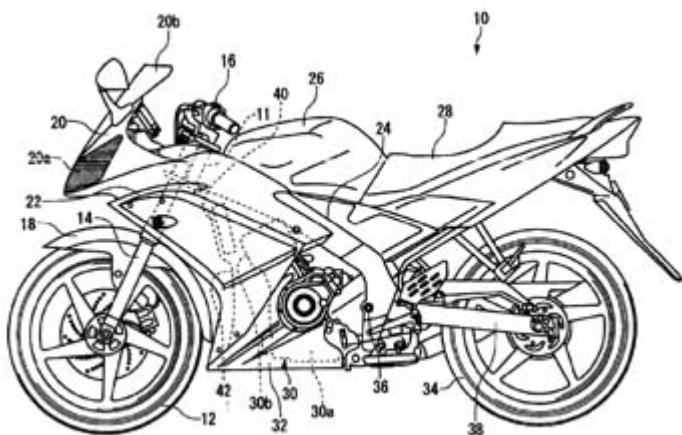
1)YAMAHA HATSUDOKI KABUSHIKI KAISHA  
Address of Applicant :2500 SHINGAI, IWATA-SHI,  
SHIZUOKA-KEN Japan

(72)Name of Inventor :

1)KUNIYUKI TAKAHASHI  
2)KATSUMITSU WAKAMATSU

(57) Abstract :

A motorcycle includes a head pipe, a front fork supported by the head pipe, a front wheel rotatably supported at a lower end portion of the front fork, a front cowl for covering a front portion of the head pipe, an inner panel disposed below the front cowl and behind the front wheel, left and right side covers disposed laterally outside the inner panel to extend rearward, and a horn whose at least a part is disposed laterally outside the front fork in a position where the horn overlaps with the inner panel in a front view.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/12/2008

(21) Application No.2129/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : STRADDLE-TYPE VEHICLE

|                                               |              |
|-----------------------------------------------|--------------|
| (51) International classification             | :B62M7/02    |
| (31) Priority Document No                     | :2007-341441 |
| (32) Priority Date                            | :28/12/2007  |
| (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 :

1)YAMAHA HATSUDOKI KABUSHIKI KAISHA

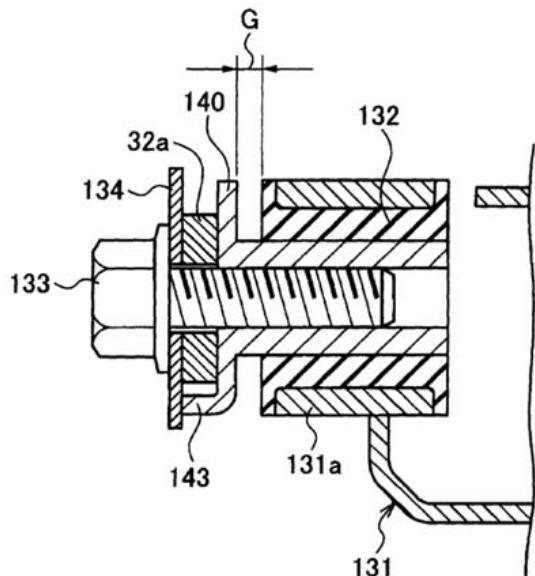
Address of Applicant :2500 SHINGAI, IWATA-SHI,  
SHIZUOKA-KEN Japan

(72)Name of Inventor :

1)MASAMI MIZUTANI

(57) Abstract :

A straddle-type vehicle is provided. The straddle-type vehicle includes: a vehicle body frame; an engine that generates a drive force for driving a wheel; an exhaust system including an expansion chamber wherein exhaust gases discharged through an exhaust pipe connected to the engine expands; a first support mechanism including a first protrusion portion; and a second support mechanism including a second protrusion portion. The expansion chamber is provided midway between the engine and a muffler that discharges the exhaust gases to the outside, and is supported on the vehicle body frame by the first support mechanism and the second support mechanism. The first support mechanism supports the expansion chamber to be non-moveable. The second protrusion portion is inserted into an inserted portion provided, wherein the second support mechanism supports the expansion chamber to be moveable along a direction of insertion of the second protrusion portion into the inserted portion at least in assembling the exhaust system to the straddle-type vehicle. A protrusion direction of the second protrusion portion is different from a protrusion direction of the first protrusion portion.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/12/2008

(21) Application No.2136/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : LIGHT SOURCE MODULE WITH HIGH HEAT-DISSIPATION EFFICIENCY

|                                               |                 |
|-----------------------------------------------|-----------------|
| (51) International classification             | :F21K7/00       |
| (31) Priority Document No                     | :200710203508.1 |
| (32) Priority Date                            | :28/12/2007     |
| (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 :

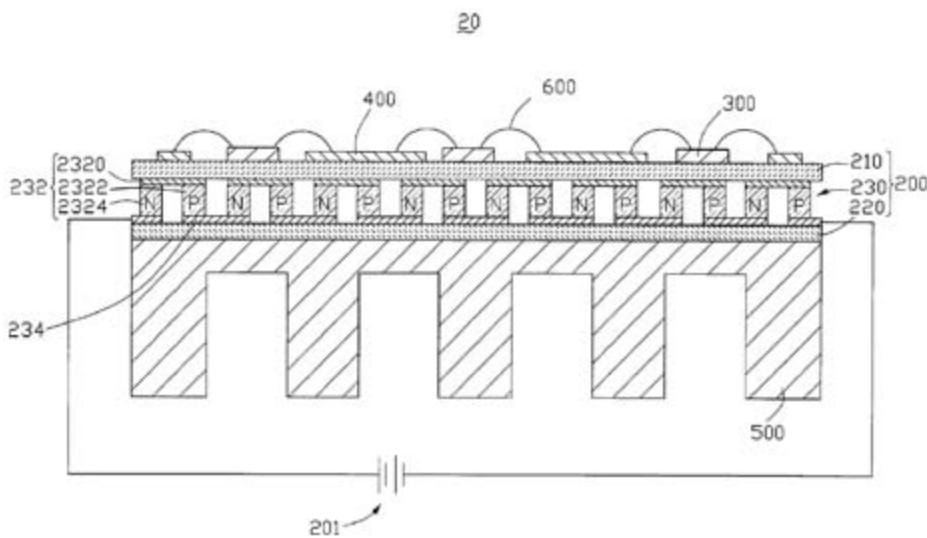
1)FOXSEMICON INTEGRATED TECHNOLOGY, INC.  
Address of Applicant :NO. 16, KE-JUNG RD., SCIENCE-BASED INDUSTRIAL PARK, CHU-NAN, MIAO-LI HSIEN, TAIWAN 350 Taiwan

(72)Name of Inventor :

1)TSAO, CHIH-CHUNG  
2)JIANG, WEN-JANG

(57) Abstract :

An exemplary embodiment of a light source module includes a thermoelectric cooler, many LED chips, and a circuit layer. The thermoelectric cooler includes a first heat-conducting dielectric plate, a second heat-conducting dielectric plate opposite to the first heat-conducting dielectric plate, and a number of thermoelectric elements located between the first heat-conducting dielectric plate and the second heat-conducting dielectric plate. The thermoelectric elements are connected with each other. The LED chips and the circuit layer are formed on the first heat-conducting dielectric plate and facing away from the second heat-conducting dielectric plate, and the LED chips are electrically connected to the circuit layer.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/12/2008

(21) Application No.2140/KOL/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : TEMPERATURE SENSOR DIAGNOSTICS

|                                                              |                                       |                                                                                                                                                                                                                                |
|--------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :TEMPERATURE<br>SENSOR<br>DIAGNOSTICS | (71) <b>Name of Applicant :</b><br><b>1)GM GLOBAL TECHNOLOGY OPERATIONS, INC.</b><br>Address of Applicant :300 GM RENAISSANCE CENTER<br>DETROIT, MICHIGAN U.S.A.<br>(72) <b>Name of Inventor :</b><br><b>1)PAUL A. BAUERLE</b> |
| (31) Priority Document No                                    | :61/018,574                           |                                                                                                                                                                                                                                |
| (32) Priority Date                                           | :02/01/2008                           |                                                                                                                                                                                                                                |
| (33) Name of priority country                                | :U.S.A.                               |                                                                                                                                                                                                                                |
| (86) International Application No<br>Filing Date             | :NA<br>:NA                            |                                                                                                                                                                                                                                |
| (87) International Publication No                            | : NA                                  |                                                                                                                                                                                                                                |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA                            |                                                                                                                                                                                                                                |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA                            |                                                                                                                                                                                                                                |

(57) Abstract :

A temperature sensor diagnostic system for a vehicle, comprising: a deviation calculation module that calculates a deviation coefficient based on a time constant of a temperature sensor and a period between first and second temperatures measured by said temperature sensor, wherein said second temperature is measured after said first temperature; a limits determination module that determines upper and lower temperature limits based on said first temperature and said deviation coefficient; and a fault diagnostic module that selectively diagnoses a fault in said temperature sensor when said second temperature is one of greater than said upper temperature limit and less than said lower temperature limit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2008

(21) Application No.2091/KOL/2008 A

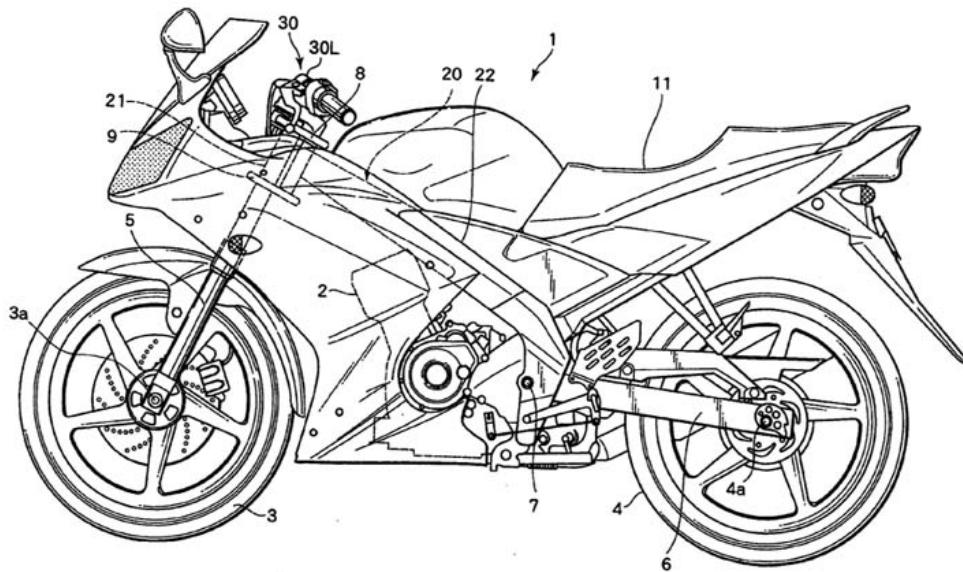
(43) Publication Date : 03/07/2009

(54) Title of the invention : STRADDLE-TYPE VEHICLE AND HANDLE THEREOF

|                                                              |              |                                                                                                                    |
|--------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :B62K11/00   | (71)Name of Applicant :                                                                                            |
| (31) Priority Document No                                    | :2007-341407 | <b>1)YAMAHA HATSUDOKI KABUSHIKI KAISHA</b><br>Address of Applicant :2500 SHINGAI, IWATA-SHI,<br>SHIZUOKA-KEN Japan |
| (32) Priority Date                                           | :28/12/2007  | (72)Name of Inventor :                                                                                             |
| (33) Name of priority country                                | :Japan       | <b>1)HIROYUKI SHIMIZU</b><br><b>2)KOUTA NAKAO</b>                                                                  |
| (86) International Application No<br>Filing Date             | :NA<br>:NA   |                                                                                                                    |
| (87) International Publication No                            | : NA         |                                                                                                                    |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA   |                                                                                                                    |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA   |                                                                                                                    |

(57) Abstract :

A left handle has a handlebar, a grip and a weight. The handlebar has a tubularly formed pipe part. The grip is fitted onto the pipe part. The weight has a part arranged on the inner side of the pipe part, the part provided so as to be vibratable with respect to the handlebar in the pipe part. An abutting part is formed on the grip, the abutting part abutted on the weight to buffer the vibration of the weight.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2008

(21) Application No.2092/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : STRADDLE-TYPE VEHICLE

|                                               |              |
|-----------------------------------------------|--------------|
| (51) International classification             | :B62K11/00   |
| (31) Priority Document No                     | :2007-341405 |
| (32) Priority Date                            | :28/12/2007  |
| (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 :

1)YAMAHA HATSUDOKI KABUSHIKI KAISHA

Address of Applicant :2500 SHINGAI, IWATA-SHI,  
SHIZUOKA-KEN Japan

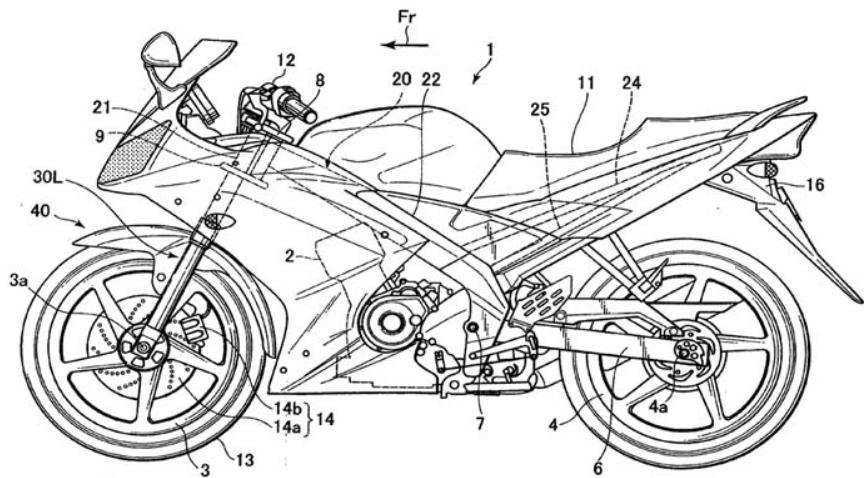
(72)Name of Inventor :

1)KOUTA NAKAO

2)YUTA KOBAYASHI

(57) Abstract :

In a motorcycle, a pair of left and right front suspensions and a front fender are provided. The front fender includes a pair of rear mount surface portions, in which holes are formed in the respective rear mount surface portions. In the front suspensions, mounting surfaces to contact with the respective rear mount surface portions and bosses to be inserted into the respective holes are provided with the front fender interposed therebetween. Annular dampers are fitted onto the respective bosses, and portions of the respective dampers are disposed between portions of the pair of mounting surfaces and a pair of the washers.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2008

(21) Application No.2093/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : MUFFLER PROTECTOR AND STRADDLE-TYPE VEHICLE

|                                                              |              |
|--------------------------------------------------------------|--------------|
| (51) International classification                            | :B62K11/00   |
| (31) Priority Document No                                    | :2007-341438 |
| (32) Priority Date                                           | :28/12/2007  |
| (33) Name of priority country                                | :Japan       |
| (86) International Application No<br>Filing Date             | :NA<br>:NA   |
| (87) International Publication No                            | : NA         |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA   |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA   |

(71)Name of Applicant :

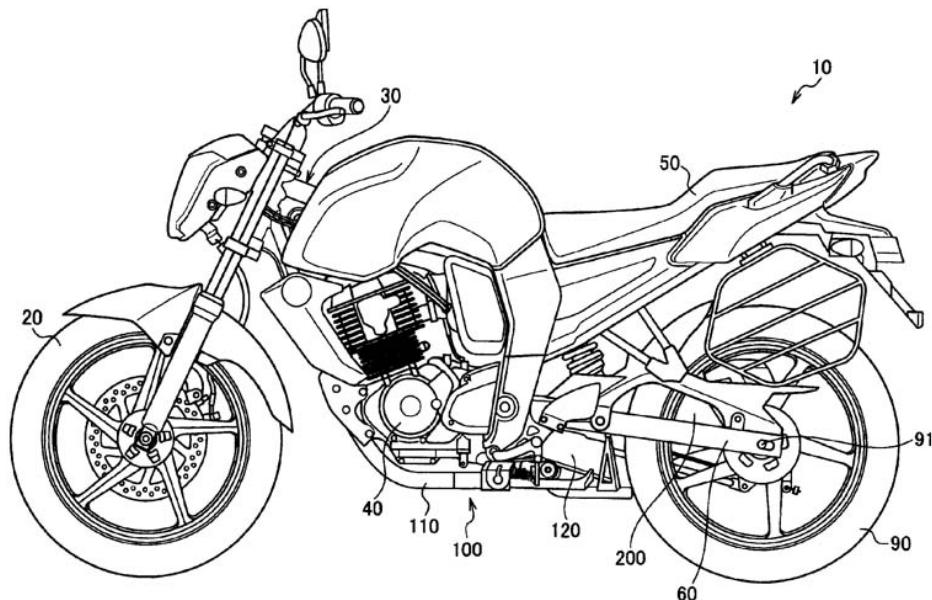
1)YAMAHA HATSUDOKI KABUSHIKI KAISHA  
Address of Applicant :2500 SHINGAI, IWATA-SHI,  
SHIZUOKA-KEN Japan

(72)Name of Inventor :

1)MASAMI MIZUTANI

(57) Abstract :

A muffler protector for protecting a muffler including an exhaust port for discharging exhaust gases discharged from an engine mounted on a straddle-type vehicle is provided. The muffler protector includes: a protector body that covers at least an outer side of the muffler in a vehicle width direction; and a cap that is disposed on rearward of the protector body and that covers a periphery of the exhaust port. The protector body includes a joint portion that overlaps with a front edge portion of the cap. The front edge portion is tapered towards a front side or a rear side of the straddle-type vehicle in a side view of the straddle-type vehicle.



No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2008

(21) Application No.2153/KOL/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : ELECTRIC MACHINERY WITH A CONDUCTION WINDING EXCITED MAGNETIC POLES WRAPS PM MAGNETIC POLE

|                                                              |             |                                                                                                                                          |
|--------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :H02K37/00  | (71) <b>Name of Applicant :</b><br><b>1)TAI-HER YANG</b><br>Address of Applicant :NO. 59, CHUNG HSING 8 ST., SI-HU TOWN, DZAN-HWA Taiwan |
| (31) Priority Document No                                    | :12/000,691 |                                                                                                                                          |
| (32) Priority Date                                           | :27/12/2007 |                                                                                                                                          |
| (33) Name of priority country                                | :U.S.A.     |                                                                                                                                          |
| (86) International Application No<br>Filing Date             | :NA<br>:NA  | (72) <b>Name of Inventor :</b><br><b>1)TAI-HER YANG</b>                                                                                  |
| (87) International Publication No                            | : NA        |                                                                                                                                          |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA  |                                                                                                                                          |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA  |                                                                                                                                          |

(57) Abstract :

An electric machinery provided with a PM magnetic pole wrapped by conduction winding excited magnetic poles is related to an innovative design of having a PM magnetic pole wrapped by individual magnetic poles of conduction winding excited so to prevent the PM magnetic pole from falling off due to vibration and to prevent from weakening magnetic force by inverse excitation when the electric machinery is running.

No. of Pages : 177 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2009

(21) Application No.2155/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : MOBILE STATION, BASE STATION, AND PROPAGATION CONDITION COLLECTING METHOD

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04B 7/26         |
| (31) Priority Document No                     | :2007-001863       |
| (32) Priority Date                            | :09/01/2007        |
| (33) Name of priority country                 | :Japan             |
| (86) International Application No             | :PCT/JP2007/074711 |
| Filing Date                                   | :21/12/2007        |
| (87) International Publication No             | :WO 2008/084663    |
| (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)NTT DOCOMO, INC.

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(72)Name of Inventor :

1)IWAMURA, MIKIO

2)NAKAMURA, TAKEHIRO

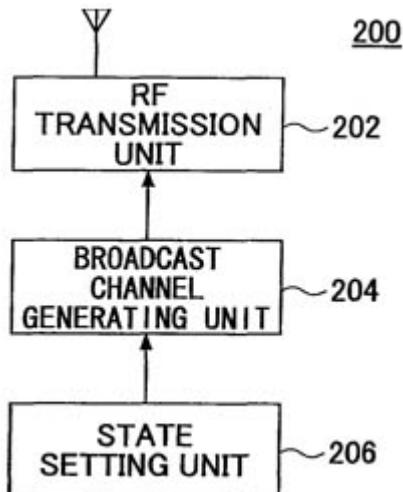
3)KATO, YASUHIRO

4)SHIMAZU, YOSHITSUGU

5)MOTEGI, MASAYUKI

(57) Abstract :

A new base station device transmits a report channel including information indicating the pre-operation state as a state before the operation state to a mobile station device. The mobile station device includes: report channel reception means for receiving the report channel; new base station device judging means which judges whether the report channel contains information indicating the pre-operation state; and report means which reports an identifier of the new base station (new cell) and/or reception quality of a pilot channel transmitted from the new base station device when the new base station device judging means has judged that the information indicating the pre-operation state is contained.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2009

(21) Application No.2156/KOLNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : PANTOPRAZOLE MULTIPARTICULATE FORMULATIONS

|                                               |                                     |
|-----------------------------------------------|-------------------------------------|
| (51) International classification             | :A61K 47/14; A61K 47/38 ; A61K 9/16 |
| (31) Priority Document No                     | :60/507810                          |
| (32) Priority Date                            | :01/10/2003                         |
| (33) Name of priority country                 | :U.S.A.                             |
| (86) International Application No             | :PCT/US2004/033058                  |
| Filing Date                                   | :30/09/2004                         |
| (87) International Publication No             | : WO/2005/032513                    |
| (61) Patent of Addition to Application Number | :NA                                 |
| Filing Date                                   | :NA                                 |
| (62) Divisional to Application Number         | :733/KOLNP/2006                     |
| Filed on                                      | :28/03/2006                         |

(71)Name of Applicant :

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(72)Name of Inventor :

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**2)SHAH SYED M**

**3)TATAPUDY HANUMANTHARAO**

**4)SAUNDERS RICHARD WILLIAM**

**5)FAWZI MAHDI**

**6)NAGI ARWINDER**

**7)SINGH SHAILESH**

**8)HASAN SUMON A**

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(57) Abstract :

Pantoprazole sodium multiparticulates are described which avoid sticking to nasogastric and gastronomy tubes. The pantoprazole multiparticulates have a spheroid core of pantoprazole or an enantiomer thereof, or a salt thereof , a surfactant, and a disintegrant; a sub coat which is comprised of hydroxypropyl methylcellulose (hypromellose) and water, an enteric coat on the sub-coat, and a final seal coat over the enteric coat, which is composed of hydroxypropyl methylcellulose (hypromellose) and water.

No. of Pages : 33 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2009

(21) Application No.2157/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SYSTEM AND METHOD FOR OPTIMISATION OF MEDIA OBJECTS

|                                               |                          |
|-----------------------------------------------|--------------------------|
| (51) International classification             | :H04L 12/16,G06K<br>9/18 |
| (31) Priority Document No                     | :60/869,213              |
| (32) Priority Date                            | :08/12/2006              |
| (33) Name of priority country                 | :U.S.A.                  |
| (86) International Application No             | :PCT/CA2007/002226       |
| Filing Date                                   | :10/12/2007              |
| (87) International Publication No             | :WO 2008/067675          |
| (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)GRAVEL, VIVIANNE

2)GAGNON, FRANCOIS

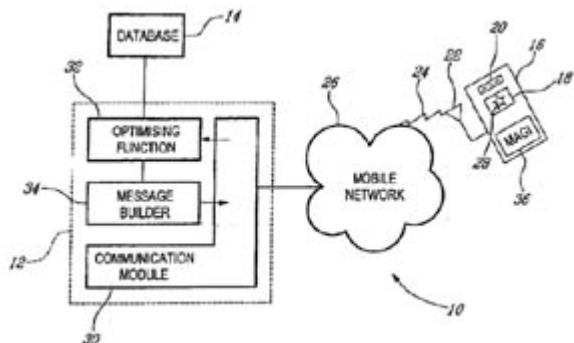
3)BEAULIEU, FRANCIS

4)MUNGER, OLIVIER

5)CHATELAIN, BENOIT

(57) Abstract :

A system and method for optimisation of media objects for delivery to one of a plurality of mobile communication devices of different types and rendering thereon. In particular, the media objects are optimised according to the mobile device's characteristics to ensure efficient delivery and optimal rendering thereon. For this purpose, an optimised output of the media object is determined at a first stage. At a subsequent stage, based on the mobile device type, the characteristics of the object to be delivered are then adjusted to conform to those of the predetermined optimised output, thus ensuring that the rendering of the optimised media object on the mobile device output is of high quality.



No. of Pages : 36 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2009

(21) Application No.2158/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SYSTEM AND METHOD FOR PARALLEL IMAGE PROCESSING

|                                                                 |                                   |
|-----------------------------------------------------------------|-----------------------------------|
| (51) International classification                               | :G06K 9/00,G06K 9/62              |
| (31) Priority Document No                                       | :60/864,840                       |
| (32) Priority Date                                              | :08/11/2006                       |
| (33) Name of priority country                                   | :U.S.A.                           |
| (86) International Application No<br>Filing Date                | :PCT/US2007/084148<br>:08/11/2007 |
| (87) International Publication No                               | :WO 2008/058253                   |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |

(71)Name of Applicant :

1)CRYPTOMETRICS, INC.

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2)BERINI, DARIO

3)VAN BEEK, GARY

4)MOICA, SIMION, ADRIAN

5)DADRASSAN, HOUMAN

6)SRIVASTAVA, PRATEEK

7)FEVENS, BRYON

(72)Name of Inventor :

1)BERINI, DARIO

2)VAN BEEK, GARY

3)MOICA, SIMION, ADRIAN

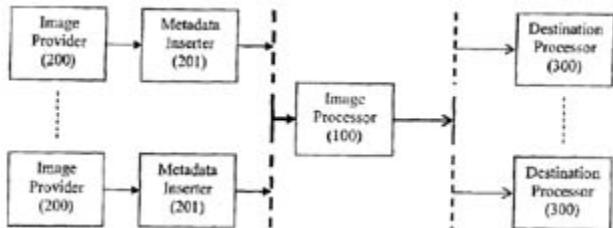
4)DADRASSAN, HOUMAN

5)SRIVASTAVA, PRATEEK

6)FEVENS, BRYON

(57) Abstract :

A system and method for processing images includes a plurality of image providers configured to transmit images. A plurality of destination processors receives the transmitted images and transforms the transmitted images to internally useable image data. A plurality of feature object engines find and identify in the internally useable image data a plurality of objects. A plurality of object classifier engines index and classify the plurality of objects found by the feature object engines.



No. of Pages : 18 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2009

(21) Application No.2159/KOLNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : STORAGE OF AMPOULES CONTAINING PHARMACEUTICAL FORMULATIONS USING A SEALED CONTAINER COMPRISING AN OXYGEN SCAVENGER

|                                               |                          |                                                                                                                                             |
|-----------------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B65D 81/26,A61J<br>1/10 | (71) <b>Name of Applicant :</b><br><b>1)BREATH LTD</b><br>Address of Applicant :100 PAYNESFIELD ROAD,<br>TATSFIELD, WESTERHAM TN16 2BQ U.K. |
| (31) Priority Document No                     | :0700380.9               |                                                                                                                                             |
| (32) Priority Date                            | :09/01/2007              |                                                                                                                                             |
| (33) Name of priority country                 | :U.K.                    | (72) <b>Name of Inventor :</b>                                                                                                              |
| (86) International Application No             | :PCT/GB2008/000076       | <b>1)MCAFFER, IAN, GARDENER, CAMERON</b>                                                                                                    |
| Filing Date                                   | :09/01/2008              | <b>2)TASKO, PETER, ERNEST</b>                                                                                                               |
| (87) International Publication No             | :WO 2008/084231          |                                                                                                                                             |
| (61) Patent of Addition to Application Number | :NA                      |                                                                                                                                             |
| Filing Date                                   | :NA                      |                                                                                                                                             |
| (62) Divisional to Application Number         | :NA                      |                                                                                                                                             |
| Filing Date                                   | :NA                      |                                                                                                                                             |

(57) Abstract :

Ampoules made of plastics material and containing 0.5 to 5ml of a pharmaceutical formulation are sealed, together with an oxygen scavenger, within a pouch.

No. of Pages : 12 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2009

(21) Application No.2160/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : IMPROVED LASER-ULTRASOUND INSPECTION USING INFRARED THERMOGRAPHY

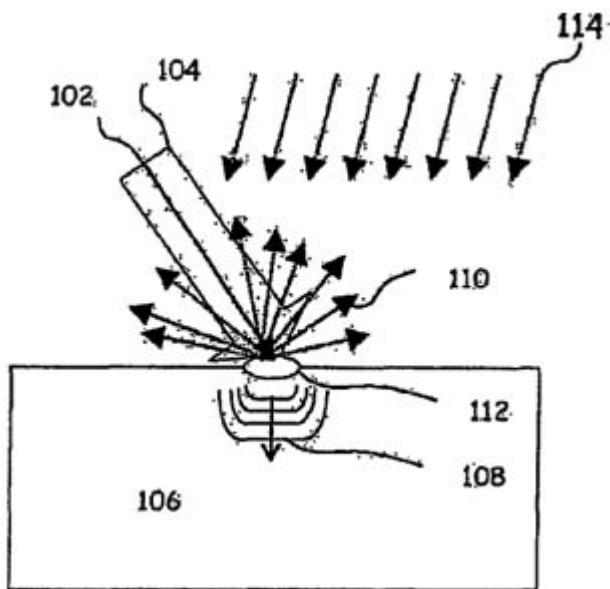
(51) International classification :G01N 29/22  
(31) Priority Document No :11/567,405  
(32) Priority Date :06/12/2006  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2007/025229  
    Filing Date :06/12/2007  
(87) International Publication No :WO 2009/035445  
(61) Patent of Addition to Application Number :NA  
    Filing Date :NA  
(62) Divisional to Application Number :NA  
    Filing Date :NA

(71)Name of Applicant :  
**1)LOCKHEED MARTIN CORPORATION**  
Address of Applicant :6810 ROCKLEDGE DRIVE,  
BETHESDA, MD 20817 U.S.A.

(72)Name of Inventor :  
**1)HOWARD, DONALD, ROBERT**  
**2)RINGERMACHER, HARRY ISRAEL**  
**3)DUBOIS, MARC**  
**4)RICHTER TIMOTHY GERRARD**  
**5)DRAKE, THOMAS, E.**

(57) Abstract :

An inspection system is provided to examine internal structures of a target material. This inspection system combines an ultrasonic inspection system and a thermographic inspection system. The thermographic inspection system is attached to ultrasonic inspection and modified to enable thermographic inspection of target materials at distances compatible with laser ultrasonic inspection. Quantitative information is obtained using depth infrared (IR) imaging on the target material. The IR imaging and laser-ultrasound results are combined and projected on a 3D projection of complex shape composites. The thermographic results complement the laser-ultrasound results and yield information about the target material's internal structure that is more complete and more reliable, especially when the target materials are thin composite parts.



No. of Pages : 31 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/06/2009

(21) Application No.2161/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SELECTIVE SESSION INTERCEPTION METHOD

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04L 12/56        |
| (31) Priority Document No                     | :60/858,390        |
| (32) Priority Date                            | :13/11/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/IL2007/001345 |
| Filing Date                                   | :05/11/2007        |
| (87) International Publication No             | :WO 2008/059478    |
| (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)B-OBVIOS LTD.

Address of Applicant :7 GALGALY HAPLADA STREET,  
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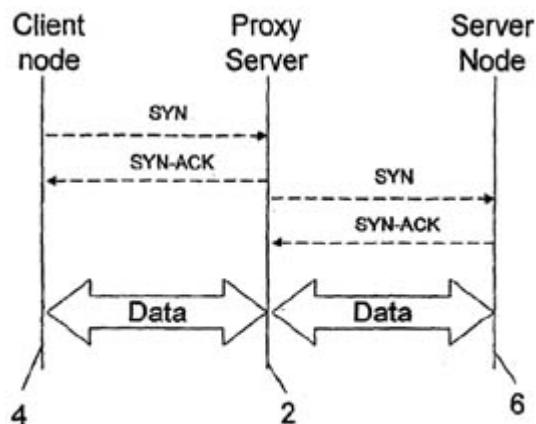
(72)Name of Inventor :

1)SOMECH, OVADI

2)SHEFFI, GUY

(57) Abstract :

A method for intercepting data of a network session passing between a first node and a second node on a data network, comprising the steps of: (i) providing an interceptor on a third node of the network; (ii) monitoring data passing between the first node and the second node; (iii) synchronizing the network data between the interceptor and the first and second nodes; (iv) creating a first socket on the interceptor for communicating with the first node and a second socket on the interceptor for communicating with the second node, and (v) intercepting the data so that data flowing between first and second nodes passes through the interceptor.



Prior Art

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/12/2008

(21) Application No.2143/KOL/2008 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : MANAGING DIFFERENCES BETWEEN GEOGRAPHIC DATABASE VERSION

(51) International classification

:G06F19/00

(31) Priority Document No

:11/966,133

(32) Priority Date

:28/12/2007

(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 :

A method and system for managing differences between geographic database versions is disclosed. A user registers his version of a geographic database with a map management application and thereafter enters a destination on a graphical user interface. The map management application checks to see if data representing the destination is located in the user's version of the geographic database and a more current version of the geographic database. If the data representing the destination is located in the more current version but not the user's version of the geographic database, the map management application provides the user with options, including upgrading to a more current version of the geographic database.

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

(71)Name of Applicant :

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(72)Name of Inventor :

1)DAVIS, JOSEPH B.

2)MULLIGAN, MICHAEL A.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/06/2009

(21) Application No.2162/KOLNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : DISPERSE DYE MIXTURES

(51) International classification

:C09D 11/00,D06P  
1/16

(31) Priority Document No

:0625624.2

(32) Priority Date

:21/12/2006

(33) Name of priority country

:U.K.

(86) International Application No

:PCT/EP2007/063855  
Filing Date

:13/12/2007

(87) International Publication No

:WO 2008/074719

(61) Patent of Addition to Application Number

:NA  
Filing Date

:NA

(62) Divisional to Application Number

Filing Date

(57) Abstract :

The present invention claims a disperse dye mixture comprising (a) two or more disperse dyestuffs of the formula (I) wherein D, R1 to R7, n and s are defined as given in claim 1 or (b) one or more disperse dyestuffs of the formula (I) as defined above and one or more other disperse dyestuffs, a process for their preparation and their use.

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

(71)Name of Applicant :

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2)ENDRES, ANDREAS  
3)JORDAN, HARTWIG  
4)MURGATROYD, ADRIAN  
5)NEUBAUER, STEFAN  
6)HALL, NIGEL  
7)LAWRENCE, ANTHONNY  
8)ONO, SHINSUKE  
9)WANKEN, KLAUS-WILFRIED

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/06/2009

(21) Application No.2163/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD AND DEVICE FOR OPTIMIZING THE ALARM CONFIGURATION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G08B 29/18        |
| (31) Priority Document No                     | :10 2006 061 960.9 |
| (32) Priority Date                            | :21/12/2006        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2007/010948 |
| Filing Date                                   | :13/12/2007        |
| (87) International Publication No             | :WO 2008/077497    |
| (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 TECHNOLOGY AG

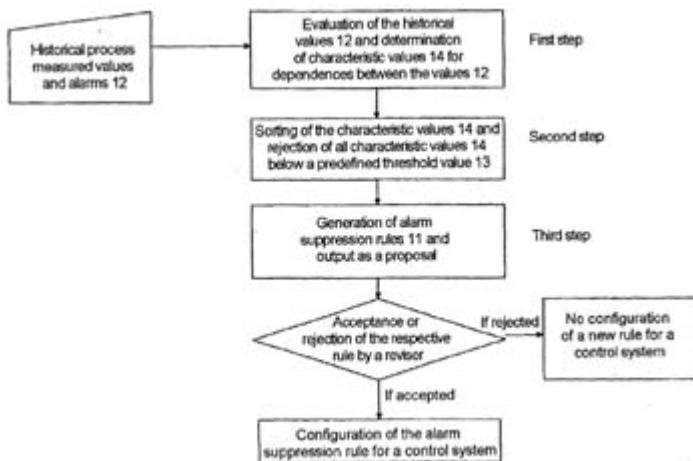
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ZÜRICH Switzerland

(72)Name of Inventor :

1)HOLLENDER, MARTIN

(57) Abstract :

The invention relates to a method and a device suitable for the execution thereof, wherein historical process measurement values (12, 22, 32) are evaluated and are used for the generation of alarm suppression rules (11), and - in connection with predetermined requirements (13, 23, 33) - also for the testing, evaluation and optimization of alarm configuration parameters (31). The values are further used to identify predictive alarms. The results obtained from the methods or from the device are suitable for the configuration of optimized alarm configuration parameters (35) and alarm suppression rules (11) in control systems.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/06/2009

(21) Application No.2164/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD FOR PRODUCING A TRANSFORMER COIL, AND A TRANSFORMER COIL PRODUCED USING THIS METHOD

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H01F 27/30        |
| (31) Priority Document No                     | :10 2006 060 567.5 |
| (32) Priority Date                            | :19/12/2006        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2007/010650 |
| Filing Date                                   | :07/12/2007        |
| (87) International Publication No             | :WO 2008/074409    |
| (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 :

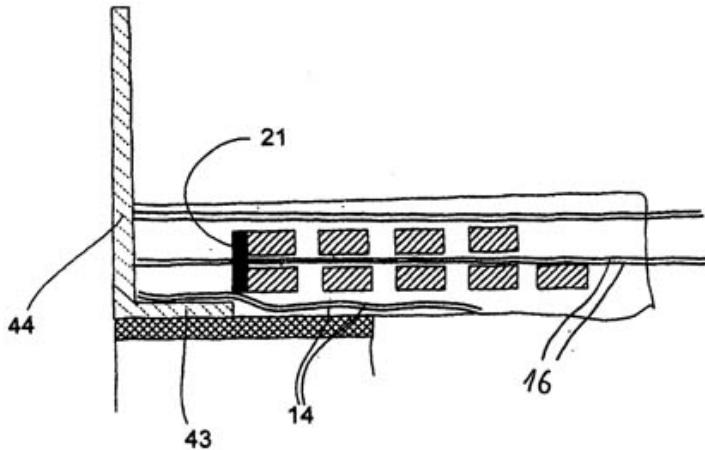
1)ZILLMANN, KARL

2)MÖNIG, WOLFGANG

3)WEBER, BENJAMIN

(57) Abstract :

A method is described for winding a coil for a transformer, with the coil winding being introduced into a cylindrical, tubular insulating body. In order to shorten the coil length and to reduce the amount of insulating material, as well as to reduce the core weight, the individual winding wire layers are wound radially one on top of the other at the points at which the winding wire layers are connected to one another, so that the respective adjacent turn ends each lie on one radial plane. This is achieved by providing end wall sections which are used to guide and maintain the shape of the insulating windings or layers.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/06/2009

(21) Application No.2165/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : MIXTURES OF FIBER-REACTIVE AZO DYES

|                                                                 |                                   |
|-----------------------------------------------------------------|-----------------------------------|
| (51) International classification                               | :C09B 67/22,D06P<br>1/02          |
| (31) Priority Document No                                       | :10 2007 005 795.6                |
| (32) Priority Date                                              | :06/02/2007                       |
| (33) Name of priority country                                   | :Germany                          |
| (86) International Application No<br>Filing Date                | :PCT/EP2008/050917<br>:28/01/2008 |
| (87) International Publication No                               | :WO 2008/095802                   |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |

(71)Name of Applicant :

1)DYSTAR TEXTILFARBEN GMBH & CO.

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(72)Name of Inventor :

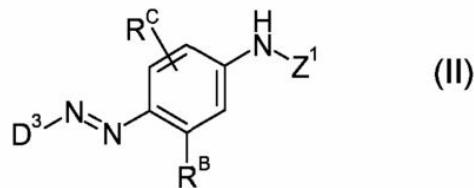
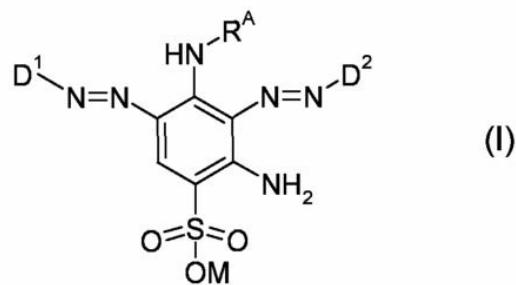
1)EHRENBERG, STEFAN

2)MEIER, STEFAN

3)SCHUMACHER, CHRISTIAN

(57) Abstract :

The present invention provides dye mixtures containing one or more dyes of the and one or more dyes of the general formula (II) general formula (I) where D1, D2, D3RA, RB, RC, Z1 and M are each as defined in claim 1, processes for their preparation and their use.



No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/06/2009

(21) Application No.2166/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : APTAMER AGAINST MIDKINE AND USE THEREOF

|                                               |                                     |
|-----------------------------------------------|-------------------------------------|
| (51) International classification             | :C12N 15/09; A61K 38/00; A61P 35/00 |
| (31) Priority Document No                     | :30848/2006                         |
| (32) Priority Date                            | :14/11/2006                         |
| (33) Name of priority country                 | :Japan                              |
| (86) International Application No             | :PCT/JP2007/072099                  |
| Filing Date                                   | :14/11/2007                         |
| (87) International Publication No             | :WO 2008/059877                     |
| (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)RIBOMIC INC.**

Address of Applicant :16-13, SHIROKANEDAI 3-CHOME, MINATO-KU, TOKYO Japan

(72)Name of Inventor :

**1)MIYAKAWA, SHIN**

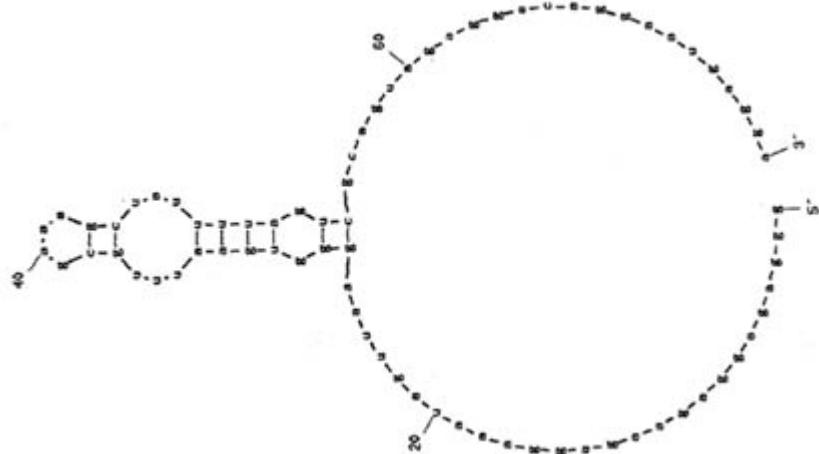
**2)NAKAMURA, YOSHIKAZU**

**3)MATSUI, TAKASHI**

**4)SAKUMA, SADATOSHI**

(57) Abstract :

Provided is a high-quality aptamer against midkine. An aptamer possessing an inhibitory activity against midkine; a complex comprising an aptamer possessing a binding activity or inhibitory activity against midkine and a functional substance (for example, affinity substances, substances for labeling, enzymes, drug delivery vehicles, drugs and the like); a pharmaceutical drug, cell migration inhibitor, diagnostic reagent, labeling agent and the like comprising an aptamer possessing a binding activity or inhibitory activity against midkine, or a complex comprising the aptamer and a functional substance; a cell migration inhibitor, a diagnostic reagent, a labeling agent and the like.



No. of Pages : 97 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2008

(21) Application No.2170/KOL/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : FLUID LOGIC FOR REGULATING RESTRICTION DEVICES

(51) International classification

:A61F2/00

(31) Priority Document No

:11/965,334

(32) Priority Date

:27/12/2007

(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)ETHICON ENDO-SURGERY, INC**

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(72)Name of Inventor :

**1)JONATHAN A. COE**

**2)KYLE P. MOORE**

**3)ANDREW M. ZWOLINSKI**

**4)THOMAS E. ADAMS**

**5)ROBERT JASON SIMMS**

**6)JOANN M. STEGEMAN**

**7)CHRISTOPHER W. WIDENHOUSE**

**8)JUAN S. EZOLINO**

**9)MARK D. OVERMYER**

---

(57) Abstract :

Methods and devices are provided for regulating a restriction system. In one exemplary embodiment, a restriction system is provided having a restriction device coupled to a port with a fluid disposed therein, such that the restriction device is adapted to form a restriction in a pathway corresponding to an amount of fluid contained therein, and a pressure adjustment unit in communication with the port and effective to maintain a substantially constant equilibrium pressure between the pressure adjustment unit and the restriction device. The pressure adjustment unit is configured to regulate an amount of fluid in the restriction device in response to a fluid pressure acting thereon.

No. of Pages : 55 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/06/2009

(21) Application No.2170/KOLNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : 1,4 DIAMINO BICYCLIC RETIGABINE ANALOGUES AS POTASSIUM CHANNEL MODULATORS

|                                               |                                                |                                                                                                                                                       |
|-----------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07C233/41;C12N<br>15/09;A61K<br>38/00;A61P35 | (71) <b>Name of Applicant :</b><br><b>1)VALEANT PHARMACEUTICALS INTERNATIOANAL</b><br>Address of Applicant :ONE ENTERPRISE, ALISO VIEJO,<br>CA U.S.A. |
| (31) Priority Document No                     | :60/867,482                                    | (72) <b>Name of Inventor :</b>                                                                                                                        |
| (32) Priority Date                            | :28/11/2006                                    | <b>1)CHEN, HUANMING</b>                                                                                                                               |
| (33) Name of priority country                 | :U.S.A.                                        | <b>2)SONG, JENNY</b>                                                                                                                                  |
| (86) International Application No             | :PCT/US2007/024607                             | <b>3)VERNIER, JEAN-MICHEL</b>                                                                                                                         |
| Filing Date                                   | :28/11/2007                                    | <b>4)WU, JIM, ZHEN</b>                                                                                                                                |
| (87) International Publication No             | :WO 2008/066900                                |                                                                                                                                                       |
| (61) Patent of Addition to Application Number | :NA                                            |                                                                                                                                                       |
| Filing Date                                   | :NA                                            |                                                                                                                                                       |
| (62) Divisional to Application Number         | :NA                                            |                                                                                                                                                       |
| Filing Date                                   | :NA                                            |                                                                                                                                                       |

(57) Abstract :

This invention is directed to compounds of formula (I), where G is -O-, -S-, -C(gl)(g2)-, or -NH-, and n = 1, 2, or 3. Such compounds modulate potassium channels. The compounds are useful for the treatment and prevention of diseases and disorders which are affected by modulation of potassium ion channels. One such condition is seizure disorders.

No. of Pages : 126 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2008

(21) Application No.2171/KOL/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : CONSTANT FORCE MECHANISMS FOR REGULATING RESTRICTION DEVICES

(51) International classification

:A61B17/08;

A61B17/03

(31) Priority Document No

:11/965,322

(32) Priority Date

:27/12/2007

(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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**1)JONATHAN A. COE**

**2)MARK S. ORTIZ**

**3)KYLE P. MOORE**

**4)MARK D. OVERMYER**

**5)THOMAS E. ADAMS**

**6)ANDREW M. ZWOLINSKI**

---

(57) Abstract :

Methods and devices are provided for regulating a restriction system. In one exemplary embodiment, a restriction system is provided having a restriction device coupled to a port with a fluid disposed therein, such that the restriction device is adapted to form a restriction in a pathway corresponding to an amount of fluid contained therein, and a pressure adjustment unit in communication with the port and effective to maintain a substantially constant equilibrium pressure between the pressure adjustment unit and the restriction device. The pressure adjustment unit is configured to regulate an amount of fluid in the restriction device in response to a fluid pressure acting thereon.

No. of Pages : 56 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2009

(21) Application No.2171/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : ALLOCATION OF SPREADING CODES FOR TELECOMMUNICATIONS CHANNELS

|                                               |                          |
|-----------------------------------------------|--------------------------|
| (51) International classification             | :H04J 11/00,H04B<br>7/26 |
| (31) Priority Document No                     | :NA                      |
| (32) Priority Date                            | :NA                      |
| (33) Name of priority country                 | :NA                      |
| (86) International Application No             | :PCT/SE2006/050477       |
| Filing Date                                   | :15/11/2006              |
| (87) International Publication No             | :WO 2008/060207          |
| (61) Patent of Addition to Application Number | :NA<br>:NA               |
| Filing Date                                   | :NA                      |
| (62) Divisional to Application Number         | :NA<br>:NA               |

(71)Name of Applicant :

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

Address of Applicant :S-164 83 STOCKHOLM Sweden

(72)Name of Inventor :

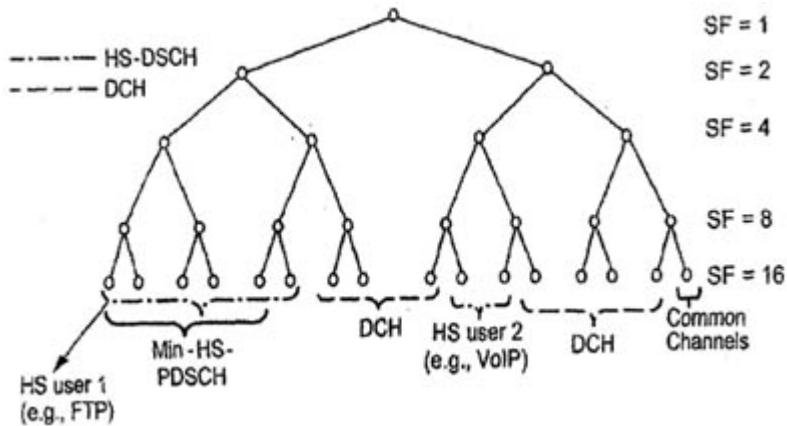
1)HU, RONG

2)ENGLUND, EVA

3)LIU, JINHUA

(57) Abstract :

In a radio access network (10) comprising a radio network controller node (26) and a base station node (28), a code tree has spreading codes which are allocatable between high speed downlink shared (HS-DSCH) channels and dedicated (DCH) channels. According to one aspect of the technology, use of the spreading codes of the code tree is monitored and an HS-DSCH channel is allocated a free spreading code which is non-adjacent to a spreading code already allocated to the HS-DSCH channels. In some example implementations, the free, non-adjacent spreading code is allocated so that more than one high speed channel user can use the spreading codes. In other example implementations, the free, non-adjacent spreading code is allocated so that one user uses the spreading codes by using more than one HS-SCCH channel. Preferably the non-adjacent spreading code is released from the HS-DSCH channel when the non- adjacent spreading code is needed for use by a DCH channel.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2008

(21) Application No.2172/KOL/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : CLUTCH AND VALVING SYSTEM FOR TETHERLESS BIOPSY DEVICE

|                                               |             |                                                                                                                                         |
|-----------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61B10/00  | (71) <b>Name of Applicant :</b><br><b>1)ETHICON ENDO-SURGERY, INC</b><br>Address of Applicant :4545 CREEK ROAD CINCINNATI,<br>OH U.S.A. |
| (31) Priority Document No                     | :11964,811  |                                                                                                                                         |
| (32) Priority Date                            | :27/12/2007 |                                                                                                                                         |
| (33) Name of priority country                 | :U.S.A.     |                                                                                                                                         |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b><br><b>1)JOHN A. HIBNER</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 biopsy device may include a needle, a cutter, and a handpiece. A vacuum pump may be provided in the handpiece for providing a vacuum to the needle and/or to the cutter. A motor may be provided in the handpiece to drive the vacuum pump and/or the cutter. A biopsy device may also include a valving mechanism within the handpiece for selectively communicating a vacuum and/or atmospheric air to the needle. A clutching mechanism may selectively provide communication between a motor and the cutter. Portions of a valving mechanism and a clutching mechanism may be integrally formed. A clutching and valving mechanism may be driven by a first motor; and a cutter and vacuum pump by a second motor. A biopsy device may include batteries for powering motors. A biopsy device may thus provide vacuum and power from within a handpiece, such that the biopsy device is tetherless.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/06/2009

(21) Application No.2167/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : ADDITION-REACTION-CURABLE SILICONE RUBBER COMPOSITION AND A MOLDED ARTICLE THEREFROM

|                                                                 |                                    |                                                                                                                                                      |
|-----------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                               | :C08L 83/04,C08K<br>5/24           | (71) <b>Name of Applicant :</b><br><b>1)DOW CORNING TORAY CO., LTD.</b><br>Address of Applicant :1-3, MARUNOUCHI 1-CHOME,<br>CHIYODA-KU, TOKYO Japan |
| (31) Priority Document No                                       | :2006/352469                       |                                                                                                                                                      |
| (32) Priority Date                                              | :27/12/2006                        |                                                                                                                                                      |
| (33) Name of priority country                                   | :Japan                             | (72) <b>Name of Inventor :</b>                                                                                                                       |
| (86) International Application No<br>Filing Date                | :PCT/JP/2007/075335<br>:20/12/2007 | <b>1)IRIE, MASAKAZU</b>                                                                                                                              |
| (87) International Publication No                               | :WO 2008/081952                    |                                                                                                                                                      |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                         |                                                                                                                                                      |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                         |                                                                                                                                                      |

(57) Abstract :

An addition-reaction-curable silicone rubber composition comprising: 0.001 to 5 mass % of a metal deactivator and 0.001 to 5 mass % of a curing-retarder selected from an alcohol derivative having carbon-carbon triple bonds, an enyne compound, an alkenyl-containing low-molecular-weight organosiloxane compound, or an alkyne-containing silane; and a molded body produced by curing the aforementioned addition-reaction-curable silicone rubber composition. The addition-reaction-curable silicone rubber composition is capable of producing a molded silicone rubber body, which is obtained with low compression set without resorting to secondary thermal treatment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2008

(21) Application No.2168/KOL/2008 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : CONTROLLING PRESSURE IN ADJUSTABLE RESTRICTION DEVICES

|                                                              |                          |
|--------------------------------------------------------------|--------------------------|
| (51) International classification                            | :A61B17/08;<br>A61B17/03 |
| (31) Priority Document No                                    | :11/965,331              |
| (32) Priority Date                                           | :27/12/2007              |
| (33) Name of priority country                                | :U.S.A.                  |
| (86) International Application No<br>Filing Date             | :NA<br>:NA               |
| (87) International Publication No                            | : NA                     |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA               |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA               |

(71)Name of Applicant :

**1)ETHICON ENDO-SURGERY, INC**

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(72)Name of Inventor :

**1)JONATHAN A. COE**

**2)CHRISTOPHER W. WIDENHOUSE**

**3)THOMAS E. ADAMS**

**4)JUAN S. EZOLINO**

**5)DAVID MARTIN**

---

(57) Abstract :

Methods and devices are provided for regulating a hydraulic restriction system including a restriction device. In general, the methods and devices can allow for non-invasive, transient pressure control. The methods and devices can also, in some embodiments, mechanically regulate pressure of the restriction device without using any electrical components that may need to be powered to operate over extended periods of time.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/06/2009

(21) Application No.2168/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD AND APPARATUS FOR FILTERING PROCESS GAS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B01D 46/04        |
| (31) Priority Document No                     | :20061133          |
| (32) Priority Date                            | :19/12/2006        |
| (33) Name of priority country                 | :Finland           |
| (86) International Application No             | :PCT/FI2007/000295 |
| Filing Date                                   | :18/12/2007        |
| (87) International Publication No             | :WO 2008/074912    |
| (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)OUTOTEC OYJ

Address of Applicant :RIHITONTUNTIE 7, FI-02200 ESPOO  
Finland

(72)Name of Inventor :

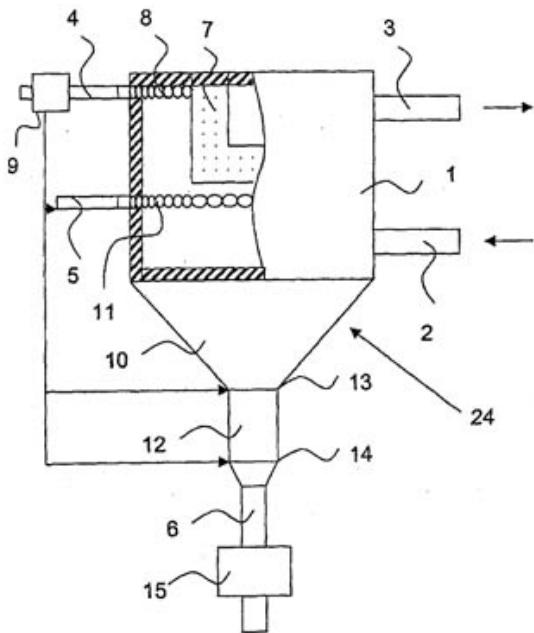
1)JANKKILA, MARTTI

2)NIEMELA, PEKKA

3)RANTALA, PEKKA

(57) Abstract :

The invention relates to a method and an apparatus for filtering process gas created in the ferroalloy smelting process, i.e. carbon monoxide gas, in order to essentially reduce the content of solids in the gas. In the filtering unit (24) gas containing solids is conducted through at least one filtering element (7), inert gas blowing (8) is directed to the filtering element (7) in order to detach the solid material from the surface of the filtering element (7), and in order to remove from the filtering unit (24) the solid material detached from the surface of the filtering element (7) the solid material is slurried by means of liquid fed (11) into the filtering unit (24). The slurry containing the sold material is removed from the filtering unit (24) through a discharge chamber (12). The filtering unit (24) includes a filtering chamber (1) and a discharge chamber (12) that is mechanically connected to the filtering chamber, as well as a discharge conduit (6) for the solids filtered from the gas, and the filtering chamber (1) is provided with at least one filtering element (7) for separating solids from the gas and at least one nozzle (8, 11) for discharging the filtered solids from the filtering chamber (1).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/12/2008

(21) Application No.2169/KOL/2008 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : VACUUM SENSOR AND PRESSURE PUMP FOR TETHERLESS BIOPSY DEVICE

|                                               |             |                                                                                                                                         |
|-----------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61B10/02  | (71) <b>Name of Applicant :</b><br><b>1)ETHICON ENDO-SURGERY, INC</b><br>Address of Applicant :4545 CREEK ROAD CINCINNATI,<br>OH U.S.A. |
| (31) Priority Document No                     | :11/965,048 |                                                                                                                                         |
| (32) Priority Date                            | :27/12/2007 |                                                                                                                                         |
| (33) Name of priority country                 | :U.S.A.     |                                                                                                                                         |
| (86) International Application No             | :NA         | (72) <b>Name of Inventor :</b>                                                                                                          |
| Filing Date                                   | :NA         | <b>1)JOHN A. HIBNER</b>                                                                                                                 |
| (87) International Publication No             | : NA        | <b>2)WILLIAM D. DANNAHER</b>                                                                                                            |
| (61) Patent of Addition to Application Number | :NA         | <b>3)WELLS D. HABERSTICH</b>                                                                                                            |
| Filing Date                                   | :NA         |                                                                                                                                         |
| (62) Divisional to Application Number         | :NA         |                                                                                                                                         |
| Filing Date                                   | :NA         |                                                                                                                                         |

(57) Abstract :

A biopsy device may include a needle, a cutter, and a handpiece. A vacuum pump in the handpiece may provide a vacuum to the needle and/or to the cutter. A pressure pump in the handpiece may also provide pressurized air to the needle and/or to the cutter. A motor in the handpiece may drive the vacuum pump, the pressure pump, and/or the cutter. A vacuum sensor may sense a vacuum level within the biopsy device, and cause initiation of operational cycles in response to sensed vacuum levels. Portions of a valving mechanism and a clutching mechanism may be integrally formed. A clutching and valving mechanism may be driven by a first battery-powered motor; and a cutter, pressure pump, and vacuum pump by a second battery-powered motor. A biopsy device may thus provide vacuum, pressurized air, and power from within a handpiece, such that the biopsy device is tetherless.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/06/2009

(21) Application No.2169/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : APPARATUS AND PROCESS FOR WATER CONDITIONING

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C02F 1/52         |
| (31) Priority Document No                     | :11/645,875        |
| (32) Priority Date                            | :27/12/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/026476 |
| Filing Date                                   | :26/12/2007        |
| (87) International Publication No             | :WO 2008/082647    |
| (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)OWENS, SAMUEL

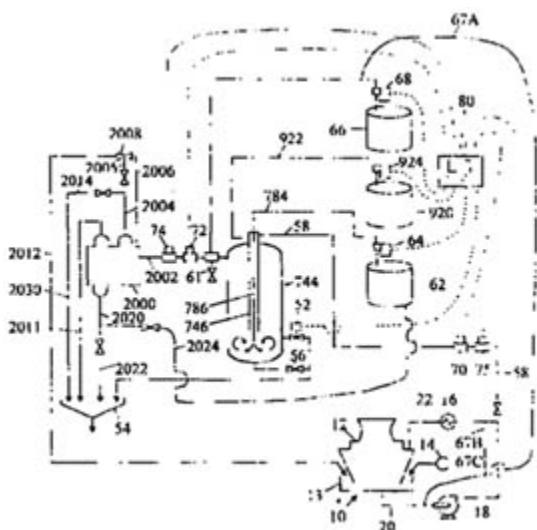
Address of Applicant :4801 BALDWIN BLVD., CORPUS CHRISTI, TX U.S.A.

(72)Name of Inventor :

1)OWENS, SAMUEL

(57) Abstract :

Conditioning processes and equipment for removing hardness from water circulated in a system. A sidestream is routed to a reactor and back. A buffer is added to the circulated water, in some embodiments in a sidestream exiting the reaction chamber, forming soluble metal complexes with metal ions of the type that cause scaling. A conditioner is added to the sidestream water which breaks the soluble metal ion buffer complexes and precipitates and accumulates the released metal ion as a solid for accumulation and disposal. In some embodiments a polymer is added, a corrosion inhibitor blend is added and/or pre-mixed with the buffer, and a chlorine generator removes sodium chloride from the buffered sidestream, and makes chlorine gas, hydrogen gas and sodium hydroxide for use in the process or for disposal.



No. of Pages : 123 No. of Claims : 102

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2009

(21) Application No.2174/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SCALABILITY OF PROVIDING PACKET FLOW MANAGEMENT

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04J 3/24         |
| (31) Priority Document No                     | :60/873,493        |
| (32) Priority Date                            | :07/12/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/086886 |
| Filing Date                                   | :07/12/2007        |
| (87) International Publication No             | :WO 2008/070870    |
| (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)STARENT NETWORKS CORPORATION

Address of Applicant :30 INTERNATIONAL PLACE,  
TEWKSBURY, MA 01876 U.S.A.

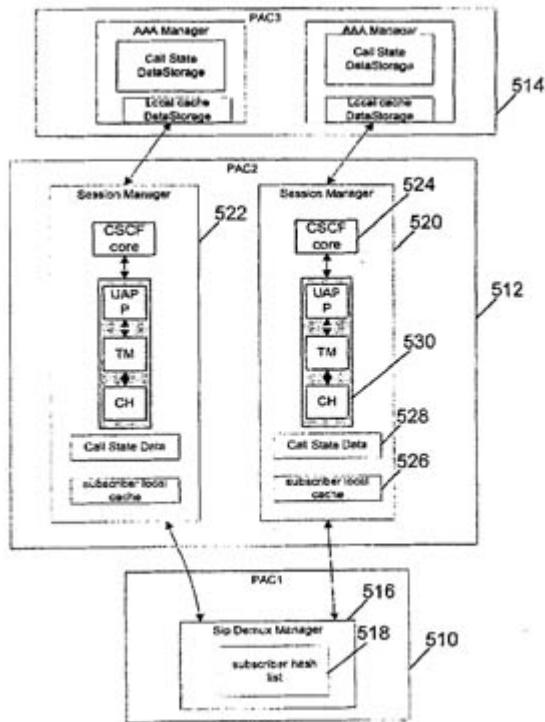
(72)Name of Inventor :

1)AGARWAL, KAITKI

2)GHAI, RAJAT

(57) Abstract :

Systems and methods for managing packet flows in a communication network are provided. Packet information can be cached on different levels and used to avoid external queries. The cache information can also be correlated with other types of information, such as location information, to be able to serve that information quicker than if one or more external queries were to be made. A demux manager can provide routing and session setup, by routing packets that already have a session to the session manager and assigning packets to a session manager if they are not already assigned to a session. The tiered architecture also provides scalability to many users and minimizes delays even during high call volumes because the load can be distributed well across the gateway's resources.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2009

(21) Application No.2175/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PROVIDING LOCATION BASED SERVICES FOR MOBILE DEVICES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04Q 7/20         |
| (31) Priority Document No                     | :60/873,493        |
| (32) Priority Date                            | :07/12/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/086808 |
| Filing Date                                   | :07/12/2007        |
| (87) International Publication No             | :WO 2008/070842    |
| (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)STARENT NETWORKS CORPORATION

Address of Applicant :30 INTERNATIONAL PLACE,  
TEWKSBURY, MA 01876 U.S.A.

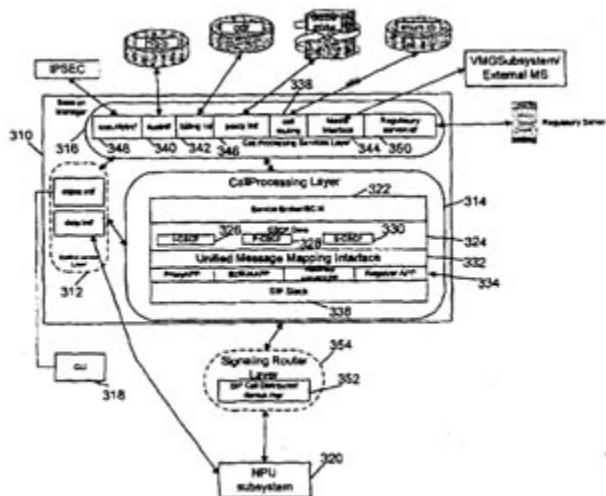
(72)Name of Inventor :

1)GHAI, RAJAT

2)AGARWAL, KAITKI

(57) Abstract :

Systems and methods are provided that allow the delivery of location based services within a communication network. The location information can be retrieved using information from the mobile node when the mobile node registers in the network. The location information can then be cached or stored in one or more places in the communication network and correlated with the mobile node's addressing information. If a request for location based services is received without location based information, the gateway can use location based information regarding the mobile node to provide location based services. The gateway can enable non IMS mobile nodes to obtain IMS location based services or incompatible mobile nodes to obtain location based services.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2009

(21) Application No.2176/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : HOLLOW STRUCTURE FORMING SUBSTRATE , METHOD OF PRODUCING THE SAME, AND METHOD OF PRODUCING HOLLOW STRUCTURE USING THE SAME

|                                                                 |                                   |
|-----------------------------------------------------------------|-----------------------------------|
| (51) International classification                               | :B29C 44/00,G03F<br>7/20          |
| (31) Priority Document No                                       | :2007-017716                      |
| (32) Priority Date                                              | :29/01/2007                       |
| (33) Name of priority country                                   | :Japan                            |
| (86) International Application No<br>Filing Date                | :PCT/JP2008/050560<br>:10/01/2008 |
| (87) International Publication No                               | :WO 2008/093543                   |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |

(71)Name of Applicant :

1)RICOH COMPANY, LTD.

Address of Applicant :3-6, NAKAMAGOME 1-CHOME,  
OHTA-KU, TOKYO 1438555 Japan

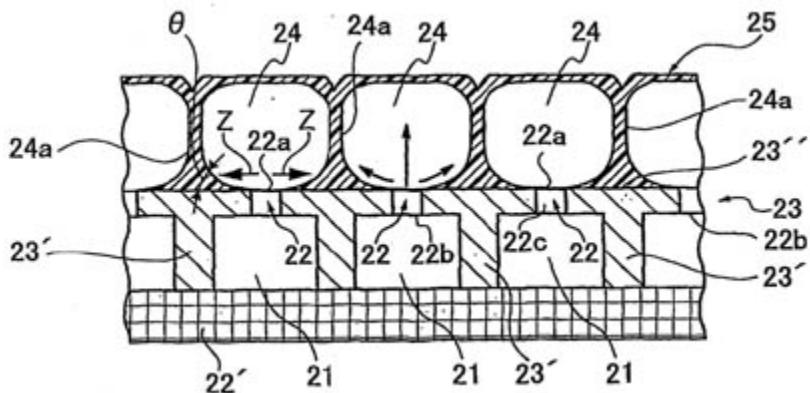
(72)Name of Inventor :

1)MASUZAWA, MASAHIRO

2)OHGAKI, MASARU

(57) Abstract :

A hollow structure forming substrate includes: a surface (23") on which a plastic-deformation film (24) is formed by using a plastic-deformable material; a plurality of regularly-arranged gas-retaining spaces (21); a plurality of gas leading-out parts (22) each having a first opening (22b) which faces corresponding one of the gas-retaining spaces (21) and a second opening (22a) which faces the surface (23"), the gas leading-out parts leads out gas retained in the gas-retaining spaces (22) toward the surface (23") under depressurized environmental condition; and a plurality of infiltration preventing spaces (22c) each provided in a space between corresponding one of the first openings (22b) and corresponding one of the second openings (22a), in which the infiltration preventing spaces (22c) prevent infiltration of the plastic-deformable material from the surface (23") into the gas-retaining spaces (22c).



No. of Pages : 78 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2009

(21) Application No.2177/KOLNP/2009 A

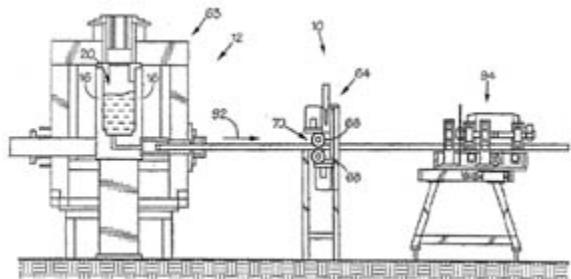
(43) Publication Date : 03/07/2009

(54) Title of the invention : MANUFACTURING METHOD FOR A MULTI-CHANNEL COPPER TUBE, AND  
MANUFACTURING APPARATUS FOR THE TUBE

|                                                                 |                                   |                                                                                                                                                                                        |
|-----------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                               | :B22D 11/12,F28F 1/02             | (71) <b>Name of Applicant :</b><br><b>1)CTA TECHNOLOGY (PROPRIETARY) LIMITED</b><br>Address of Applicant :36 HOSPITAL STREET,<br>CLEVELAND, JOHANNESBURG, GAUTENG 2094 South<br>Africa |
| (31) Priority Document No                                       | :2006/10521                       | <b>2)MITSUBISHI MATERIALS CORPORATION</b>                                                                                                                                              |
| (32) Priority Date                                              | :14/12/2006                       | (72) <b>Name of Inventor :</b>                                                                                                                                                         |
| (33) Name of priority country                                   | :South Africa                     | <b>1)MACHET, DAVID</b>                                                                                                                                                                 |
| (86) International Application No<br>Filing Date                | :PCT/JP2007/074590<br>:14/12/2007 | <b>2)DA CRUZ, ANTONIO, RODRIGUES</b>                                                                                                                                                   |
| (87) International Publication No                               | :WO 2008/072787                   | <b>3)ZISERMAN, VLADIMIR, SHOLOVICH</b>                                                                                                                                                 |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        | <b>4)TAKAGI, KENICHI</b>                                                                                                                                                               |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |                                                                                                                                                                                        |

(57) Abstract :

This manufacturing apparatus for a multi-channel tube having a plurality of parallel channels includes: a crucible; and a die set for forming the multi-channel tube from molten copper supplied from the crucible, the die set including: a hollow portion having an inner surface shaped like the profile of the multi-channel tube; punches which are inserted into the hollow portion from an inlet end of the hollow portion to define a space between the inner surface of the hollow portion and each of the punches; and a feed passage which is disposed between the crucible and the space, and configured to feed the molten copper from the crucible to the space, the molten copper being supplied from the crucible to the space within the die set through the feed passage to solidify as it passes through the hollow portion.



No. of Pages : 41 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2009

(21) Application No.2178/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : REAGENT CONTAINER AND REAGENT CAROUSEL

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G01N 35/10        |
| (31) Priority Document No                     | :20 2006 017 454.0 |
| (32) Priority Date                            | :14/11/2006        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2007/062306 |
| Filing Date                                   | :14/11/2007        |
| (87) International Publication No             | :WO 2008/058979    |
| (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)DIASYS TECHNOLOGIES S.A.R.L.

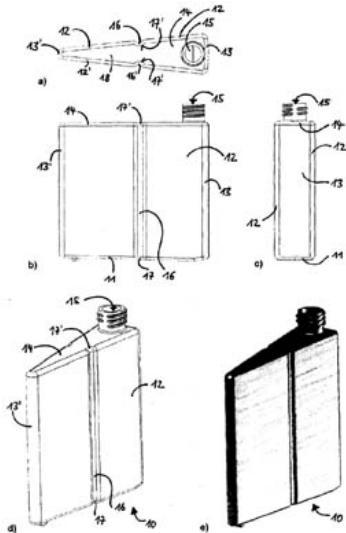
Address of Applicant :PÉPINIÈRE D'ENTERPRISES CAP ALPHA AVENUE DE L'EUROPE 34830 CLAPIERS France

(72)Name of Inventor :

1)SCHENK, ROLAND

(57) Abstract :

The present invention concerns a reagent container for liquid reagents comprising a substantially circular sector-shaped, trapezoidal or triangular container bottom and container top and container side walls which extend substantially vertically from the container bottom to the container top and which converge towards each other from a container rear wall to a container front side, wherein the container top has an opening. In order to be able to fit reagent containers of various sizes into a reagent carousel in exactly positioned and reliably fixed relationship it is proposed in accordance with the invention that provided at least one container side wall of the reagent container is at least one positioning groove or positioning abutment surface which starts from the container bottom and extends vertically in the direction of the container top. In order to be able to use as many different reagent containers as possible for a given reagent carousel there is further proposed a reagent carousel having a substantially circular carousel base surface and compartments which are arranged radially thereon and which are defined by radially extending boundaries, for receiving reagent containers, wherein the boundaries defining a compartment have at least one projection facing towards the compartment interior for engagement with a positioning groove or a positioning abutment surface of a reagent container.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2009

(21) Application No.2179/KOLNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : METHOD FOR PRODUCING C-GLYCOSIDE DERIVATIVE AND INTERMEDIATE FOR SYNTHESIS THEREOF

|                                               |                    |                                                                                     |
|-----------------------------------------------|--------------------|-------------------------------------------------------------------------------------|
| (51) International classification             | :C07D 409/10       | (71) <b>Name of Applicant :</b>                                                     |
| (31) Priority Document No                     | :2006-344360       | <b>1)ASTELLAS PHARMA INC.</b>                                                       |
| (32) Priority Date                            | :21/12/2006        | Address of Applicant :3-11, NIHONBASHI-HONCHO 2-CHOME, CHUO-KU TOKYO 103-8411 Japan |
| (33) Name of priority country                 | :Japan             | <b>2)KOTOBUKI PHARMACEUTICAL CO., LTD.</b>                                          |
| (86) International Application No             | :PCT/JP2007/074516 | (72) <b>Name of Inventor :</b>                                                      |
| Filing Date                                   | :20/12/2007        | <b>1)KOMENOI, KOUSUKE</b>                                                           |
| (87) International Publication No             | :WO 2008/075736    | <b>2)NAKAMURA, ATSUSHI</b>                                                          |
| (61) Patent of Addition to Application Number | :NA                | <b>3)KASAI, MAKOTO</b>                                                              |
| Filing Date                                   | :NA                | <b>4)IMAMURA, MASAKAZU</b>                                                          |
| (62) Divisional to Application Number         | :NA                | <b>5)SHIRAKI, RYOTA</b>                                                             |
| Filing Date                                   | :NA                | <b>6)NAKANISHI, KEITA</b>                                                           |

(57) Abstract :

The present invention provides a method for producing a C-glycoside derivative, which can produce the C-glycoside derivative at a high yield and at a low cost, which conforms to environmental protection, and which is applicable industrially. The C-glycoside derivative is useful for treating and preventing diabetes such as insulin-dependent diabetes (type 1 diabetes), non-insulin-dependent diabetes (type 2 diabetes) and the like and various diabetes-related diseases including insulin-resistant diseases and obesity.

No. of Pages : 42 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2009

(21) Application No.2180/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SIZING COMPOSITION FOR GLASS FIBERS

|                                               |                       |
|-----------------------------------------------|-----------------------|
| (51) International classification             | :C03C 25/26,C08K 5/54 |
| (31) Priority Document No                     | :11/648,237           |
| (32) Priority Date                            | :29/12/2006           |
| (33) Name of priority country                 | :U.S.A.               |
| (86) International Application No             | :PCT/US2007/025651    |
| Filing Date                                   | :14/12/2007           |
| (87) International Publication No             | :WO 2008/085304       |
| (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)OCV INTELLECTUAL CAPITAL, LLC

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TOLEDO, OH 43659 U.S.A.

(72)Name of Inventor :

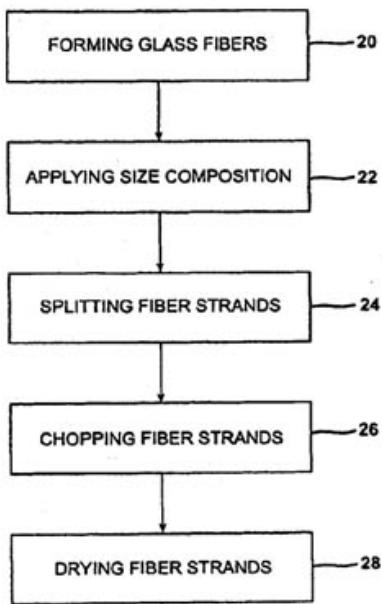
1)VICKERY, ERIC, L.

2)BOLES, DAVID, M.

3)HAGER, WILLIAM, G.

(57) Abstract :

A sizing composition that permits in-line chopping and drying of reinforcement fibers for reinforcing thermoset resins is provided. The size composition includes at least one coupling agent and one or more blocked polyurethane film forming agents. The blocking agent preferably de-blocks at a temperature that permits simultaneous or nearly simultaneous de-blocking and curing of the polyurethane film former. The sized fiber strands (12) may be chopped to form chopped strand segments and dried in a fluidized bed oven, such as a Cratec® drying oven (46), in-line. The chopped fiber strands may then be used in a bulk molding compound and molded into a reinforced composite article. Chopping the glass fibers in-line lowers the manufacturing costs for products produced from the sized fiber bundles (10). Further, because the reinforcement fibers can be chopped and dried at a much faster rate with the inventive size composition compared to conventional off-line chopping processes, productivity is increased.



No. of Pages : 39 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2009

(21) Application No.2172/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PROVIDING INTERACTION MANAGEMENT FOR COMMUNICATION NETWORKS

|                                                                 |                                                 |
|-----------------------------------------------------------------|-------------------------------------------------|
| (51) International classification                               | :H04J 3/24C12N<br>15/09;A61K38/00;<br>A61P35/00 |
| (31) Priority Document No                                       | :60/873,493                                     |
| (32) Priority Date                                              | :07/12/2006                                     |
| (33) Name of priority country                                   | :U.S.A.                                         |
| (86) International Application No<br>Filing Date                | :PCT/US2007/086802<br>:07/12/2007               |
| (87) International Publication No                               | :WO 2008/070839                                 |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                                      |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                                      |

(71)Name of Applicant :

1)STARENT NETWORKS CORPORATION

Address of Applicant :30 INTERNATIONAL PLACE,  
TEWKSBURY, MA 01876 U.S.A.

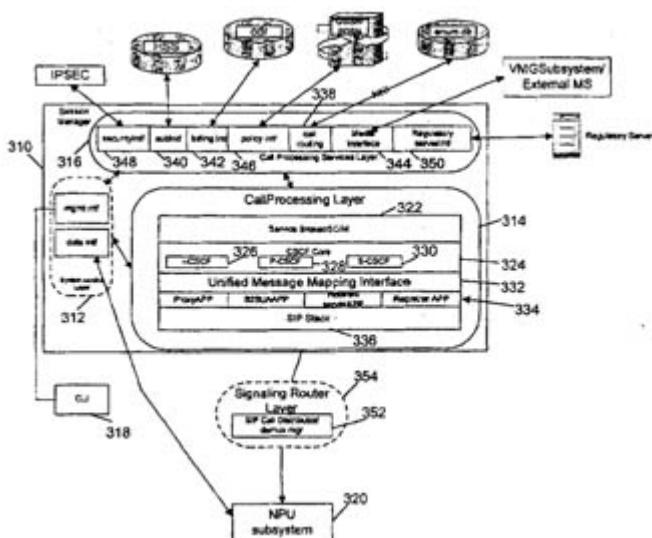
(72)Name of Inventor :

1)GHAI, RAJAT

2)AGARWAL, KAITKI

(57) Abstract :

Systems and methods for providing interaction management to network devices in a communication network are described. A gateway may be used to implement the interaction capabilities on packet flows for IP multimedia subsystem (IMS) and multimedia domain (MMD) architectures. Interaction managers and proxy agents can be provided by the gateway, such as a service control interaction manager (SCIM). The SCIM can be a layer and manage interactions between network devices such as mobile nodes and application servers and can provide abstraction of network devices. This can allow the gateway to provide interworking between network devices and handle mobile nodes with different capabilities.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2009

(21) Application No.2173/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PROVIDING DYNAMIC CHANGES TO PACKET FLOWS

|                                               |                         |
|-----------------------------------------------|-------------------------|
| (51) International classification             | :H04J 3/24; A61K 31/165 |
| (31) Priority Document No                     | :60/873,493             |
| (32) Priority Date                            | :07/12/2006             |
| (33) Name of priority country                 | :U.S.A.                 |
| (86) International Application No             | :PCT/US2007/086884      |
| Filing Date                                   | :07/12/2007             |
| (87) International Publication No             | :WO 2008/070869         |
| (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)STARENT NETWORKS CORPORATION

Address of Applicant :30 INTERNATIONAL PLACE,  
TEWKSBURY, MA 01876 U.S.A.

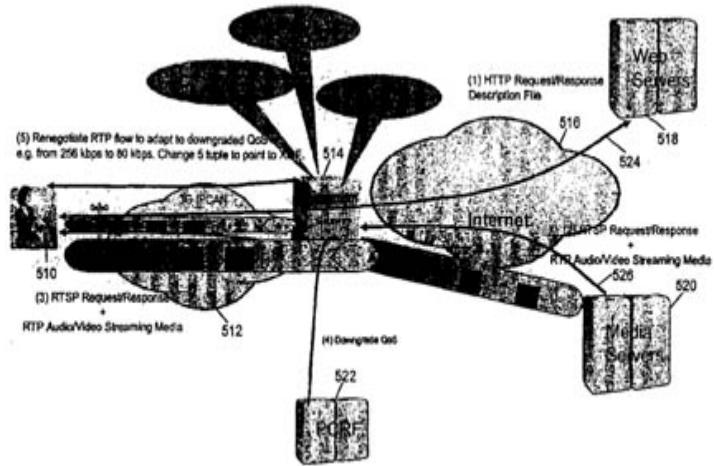
(72)Name of Inventor :

1)AGARWAL, KAITKI

2)GHAI, RAJAT

(57) Abstract :

Systems and methods for providing dynamic changes to a packet flow in a communication network are described. The dynamic changes can include upgrading and downgrading quality of service (QoS), adapting the stream to a receiving device, modifying the stream to counter-act changes in an air interface, and modifying the stream to accommodate an inter-technology handover. These changes can be provided by inspecting packets at a gateway and setting up a proxy for multimedia stream packet flows. The proxy can coordinate transcoding to take place to change the stream. The gateway can also monitor conditions at the mobile node using a real time control protocol or other applicable protocols.



No. of Pages : 35 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2009

(21) Application No.2185/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : ELEVATOR CAR WITH MAINTENANACE WINDOW

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B66B 11/02        |
| (31) Priority Document No                     | :02069/06          |
| (32) Priority Date                            | :20/12/2006        |
| (33) Name of priority country                 | :Switzerland       |
| (86) International Application No             | :PCT/CH2007/000593 |
| Filing Date                                   | :27/11/2007        |
| (87) International Publication No             | :WO 2008/074167    |
| (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)H. HENSELER AG

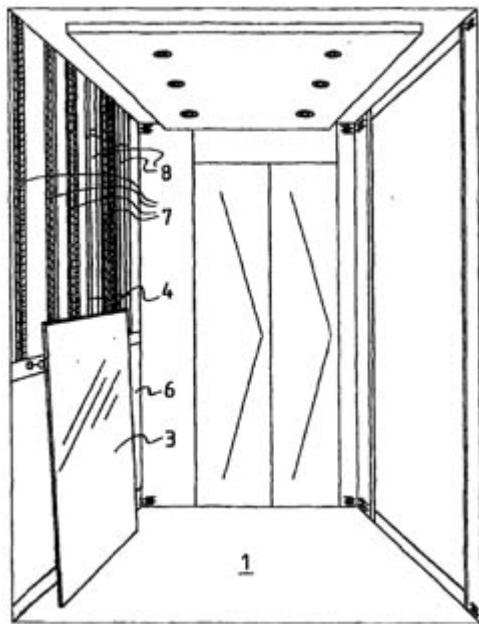
Address of Applicant :ERLISTRASSE 3, CH-6403  
KÜSSNACHT AM RIGI Switzerland

(72)Name of Inventor :

1)HENSELLER, MARKUS

(57) Abstract :

The invention relates to an elevator car which is suitable for elevators in which all of the elements which are to be maintained and checked are arranged outside the elevator car, opposite only one side of the elevator car. Said elevator car comprises, on said side, one part (3) that is arranged more than 85cm above the elevator base (1) on the elevator wall (2) and that can be removed from inside the elevator. Said part (3) is at least 95cm high and, after being removed, can rest vertically on the base of the elevator (1), against said elevator wall (2), in order to form a balustrade (4). At least one spacer (5) is arranged between said removable part (3) and the lower part (6) of the elevator wall (2) so that the distance from the inner side of the side wall part (3) that is placed on the base (1), facing the elevator, to the elements (7, 8) of the elevator drive moving past the travelling lift car is at least 10cm.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2009

(21) Application No.2186/KOLNP/2009 A

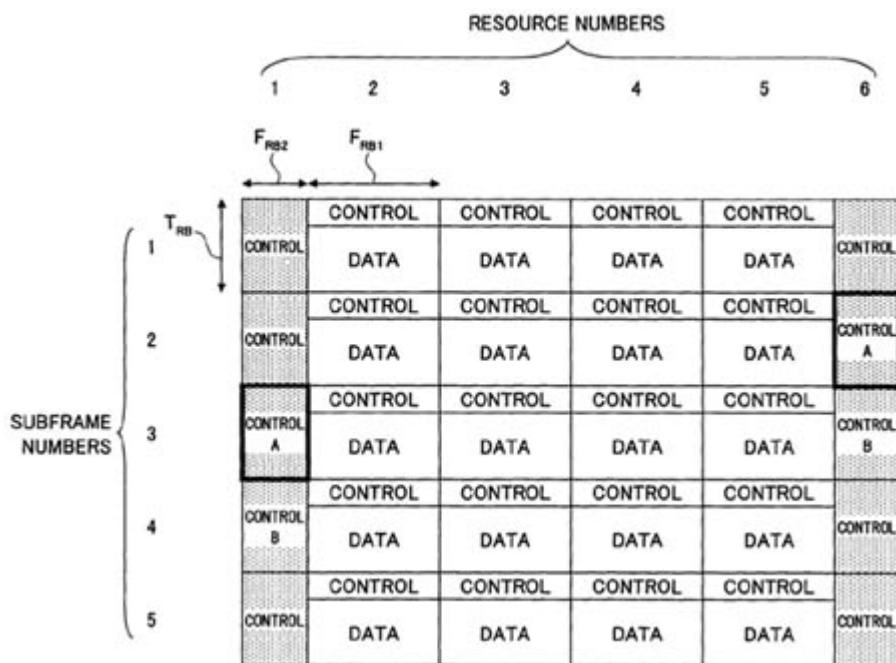
(43) Publication Date : 03/07/2009

(54) Title of the invention : USER EQUIPMENT, BASE STATION APPARATUS, AND METHOD

|                                               |                       |                                                                                   |
|-----------------------------------------------|-----------------------|-----------------------------------------------------------------------------------|
| (51) International classification             | :H04B 1/707,H04J 1/00 | (71)Name of Applicant :                                                           |
| (31) Priority Document No                     | :2007-001853          | 1)NTT DOCOMO, INC.                                                                |
| (32) Priority Date                            | :09/01/2007           | Address of Applicant :11-1, NAGATACHO 2-CHOME,<br>CHIYODA-KU, TOKYO 1006150 Japan |
| (33) Name of priority country                 | :Japan                | (72)Name of Inventor :                                                            |
| (86) International Application No             | :PCT/JP2007/074965    | 1)OFUJI, YOSHIAKI<br>2)UMESH, ANIL<br>3)HIGUCHI, KENICHI<br>4)SAWAHASHI, MAMORU   |
| Filing Date                                   | :26/12/2007           |                                                                                   |
| (87) International Publication No             | :WO 2008/084695       |                                                                                   |
| (61) Patent of Addition to Application Number | :NA                   |                                                                                   |
| Filing Date                                   | :NA                   |                                                                                   |
| (62) Divisional to Application Number         | :NA                   |                                                                                   |
| Filing Date                                   | :NA                   |                                                                                   |

(57) Abstract :

User equipment that is capable of transmitting at least an uplink control channel to a base station apparatus using a single carrier method and to which persistent scheduling is applied, the user equipment includes a unit providing data arrival acknowledgement information, a unit providing channel quality information, a control channel generation unit generating an uplink control channel including at least one of the data arrival acknowledgement information or the channel quality information, and a transmission unit transmitting the uplink control channel using a predetermined dedicated bandwidth, in which the uplink control channel includes at least one unit block including a sequence in which a same factor reported using an upper-layer signaling is multiplied to each chip of an orthogonal code sequence for the user equipment.



No. of Pages : 82 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2009

(21) Application No.2187/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SYNTHESIS OF ELECTROACTIVE CRYSTALLINE NANOMETRIC LIMNPO<sub>4</sub> POWDER

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C01B 25/37        |
| (31) Priority Document No                     | :06292049.1        |
| (32) Priority Date                            | :22/12/2006        |
| (33) Name of priority country                 | :EUROPEAN UNION    |
| (86) International Application No             | :PCT/EP2007/009968 |
| Filing Date                                   | :19/11/2007        |
| (87) International Publication No             | :WO 2008/077447    |
| (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)UMICORE

Address of Applicant :RUE DU MARAIS 31, B-1000  
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2)CENTRE NATIONAL DE LA RECHERCHE

SCIENTIFIQUE

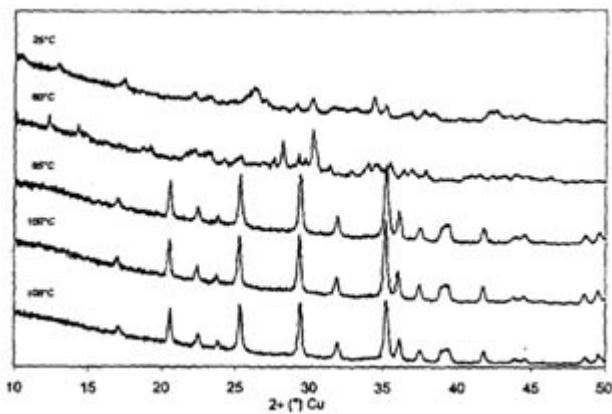
(72)Name of Inventor :

1)LEVASSEUR, STEPHANE

2)VAN THOURNOUT, MICHÉLE

(57) Abstract :

The invention describes a method for making nano-sized crystalline LiMnPO<sub>4</sub> powder with controlled morphology by direct precipitation at low temperature. It also describes a method for making a carbon coated LiMnPO<sub>4</sub> composite powder with enhanced electrochemical performances. The manufacturing process comprises the steps of: - providing a water-based mixture having at a pH between 6 and 10, containing a dipolar aprotic additive, and Li<sup>(I)</sup>, Mn<sup>(II)</sup> and P<sup>(V)</sup> as precursor components; - heating said water-based mixture to a temperature between 60 °C and its boiling point, thereby precipitating crystalline LiMnPO<sub>4</sub> powder. The above process yields a powder for use as cathode material in Li batteries with high reversible capacity and good rate properties.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/12/2008

(21) Application No.2188/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : A SECURED DEVICE FOR LOCKING AND UNLOCKING A PLUG ON A FRAME USING A WRENCH

|                                                              |                |
|--------------------------------------------------------------|----------------|
| (51) International classification                            | :B41F<br>15/34 |
| (31) Priority Document No                                    | :0760431       |
| (32) Priority Date                                           | :28/12/2007    |
| (33) Name of priority country                                | :France        |
| (86) International Application No<br>Filing Date             | :NA<br>:NA     |
| (87) International Publication No                            | : NA           |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA     |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA     |

(71)Name of Applicant :

1)NORINCO

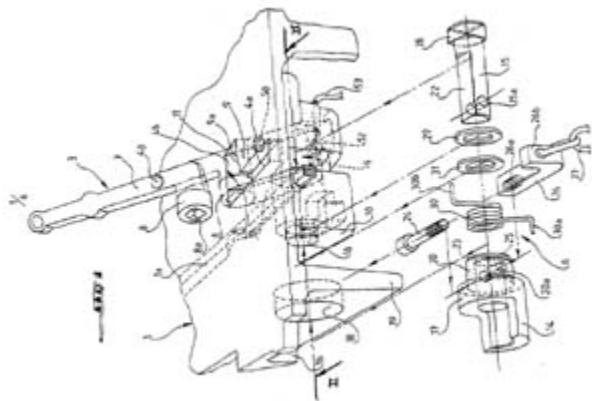
Address of Applicant :Z.I. DE MARIVAX, 60149 SAINT CREPIN IBOUVILLERS France

(72)Name of Inventor :

1)DUTILLEUL, PHILIPPE

(57) Abstract :

The invention relates to a secured device for locking and unlocking a plug on a frame by means of a wrench. The device is essentially characterized by the fact that it has obstructing component (46) that is mobile with respect to plug (I) and can be brought from an obstructing position to an unobstructing position in which wrench (3) can be made to engage with rotor (6) of bolt (14) when an identification code of wrench (3) read by a reading means is in agreement with the code stored in an electronic module associated with plug (1). The invention can be applied in the domain of road equipment.



No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2009

(21) Application No.2188/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SYNTHESIS OF CRYSTALLINE NANOMETRIC LiFeMPO<sub>4</sub>

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C01B 25/30        |
| (31) Priority Document No                     | :06292048.3        |
| (32) Priority Date                            | :22/12/2006        |
| (33) Name of priority country                 | :EUROPEAN UNION    |
| (86) International Application No             | :PCT/EP2007/009969 |
| Filing Date                                   | :19/11/2007        |
| (87) International Publication No             | :WO 2008/077448    |
| (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)CENTRE NATIONAL DE LA RECHERCHE

SCIENTIFIQUE

(72)Name of Inventor :

1)LEVASSEUR, STEPHANE

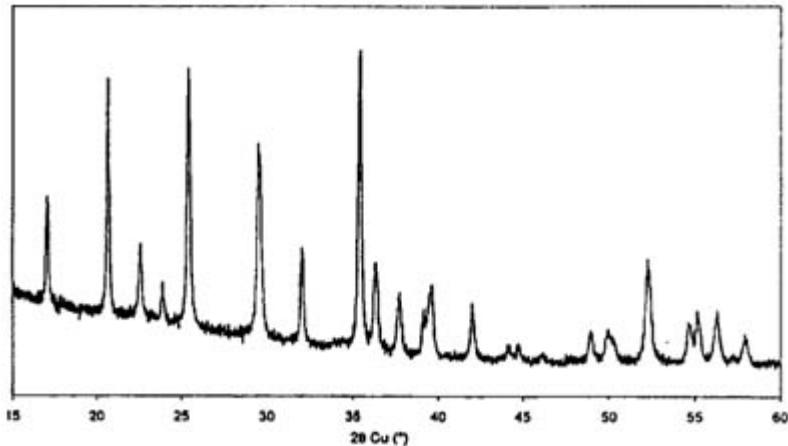
2)VAN THOURNOUT, MICHÉLE

3)GIBOT, PIERRE

4)MASQUELIER, CHRISTIAN

(57) Abstract :

The present invention relates to lithium secondary batteries and more specifically to positive electrode materials operating at potentials greater than 2.8 V vs. Li<sup>+</sup>/Li in non-aqueous electrochemical cells. In particular, the invention relates to crystalline nanometric olivine-type LiFe<sub>1-x</sub>M<sub>x</sub>PO<sub>4</sub> powder with M is Co and/or Mn, and 0<x<1, with small particle size and narrow particle size distribution. A direct precipitation process is described, comprising the steps of: - providing a water-based mixture having at a pH between 6 and 10, containing a dipolar aprotic additive, and Li<sup>(I)</sup>, Fe<sup>(II)</sup>, P<sup>(V)</sup>, and Co<sup>(II)</sup> and/or Mn<sup>(II)</sup> as precursor components; - heating said water-based mixture to a temperature less than or equal to its boiling point at atmospheric pressure, thereby precipitating crystalline LiFe<sub>1-x</sub>M<sub>x</sub>PO<sub>4</sub> powder. An extremely fine particle size is obtained of about 80 nm for Mn and 275 nm for Co, both with a narrow distribution. The fine particle size is believed to accounts for excellent high-drain properties, while minimizing the need for conductive additives. The narrow distribution facilitates the electrode manufacturing process and ensures a homogeneous current distribution within the battery.



No. of Pages : 17 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2009

(21) Application No.2189/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : PROCESS FOR NETWORK CHARACTERISTIC DATA ACQUISITION BY REGULAR USERS FOR SUPPORTING AUTOMATED PLANNING AND OPTIMIZATION PROCESSES IN CELLULAR MOBIL RADIO NETWORKS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04Q 7/34         |
| (31) Priority Document No                     | :10 2007 001 305.3 |
| (32) Priority Date                            | :02/01/2007        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2007/011327 |
| Filing Date                                   | :21/12/2007        |
| (87) International Publication No             | :WO 2008/080578    |
| (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)T-MOBILE INTERNATIONAL AG

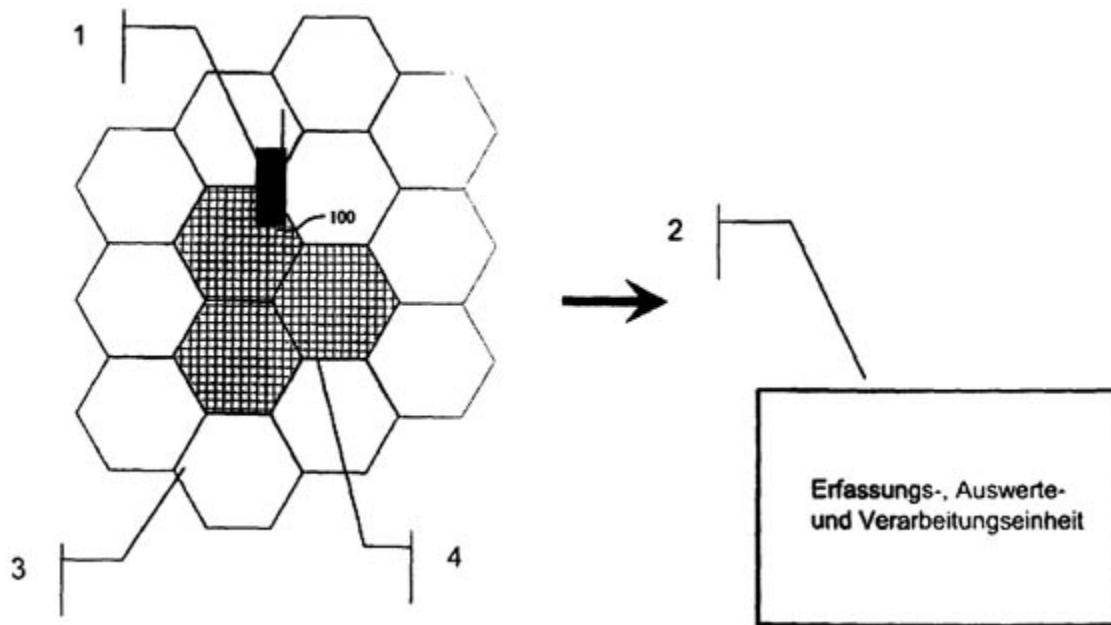
Address of Applicant :LANDGRABENWEG 151 53227  
BONN Germany

(72)Name of Inventor :

1)AXEL KLATT

(57) Abstract :

The invention relates to a process for acquiring the parameters of a mobile radio network (3), whereby regular subscriber terminal devices (1) perform the acquisition without the use of additional external devices (GPS receiver, storage and processing module, notebook...) being necessary. The acquisition of characteristic data can be configured dynamically by the mobile radio system (3) and is preferably performed every time that the user determines a position in any case (when using Location Based Services) or the subscriber terminal device (1) reaches a defined range (4) of the mobile radio network (3), whereby the definition of this range (4) is based either on network-standard field identifiers (Cell ID, LA, RA, URAI TA) or was defined by an open polygon of coordinates. The acquired data are transferred to an acquisition, analysis and processing unit (2).



No. of Pages : 37 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2009

(21) Application No.2181/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : KIT AND METHOD FOR FIXATING A PROSTHESIS OR PART THEREOF AND/OR FILLING OSSEOUS DEFECTS

(51) International classification

:A61F 2/46,C23C

4/12

(31) Priority Document No

:1032851

(32) Priority Date

:10/11/2006

(33) Name of priority country

:Netherlands

(86) International Application No

:PCT/NL2007/050560

Filing Date

:12/11/2007

(87) International Publication No

:WO 2008/056987

(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)FONDEL FINANCE B.V.**

Address of Applicant :BOEZEMBOCHT 23, NL-3034 KA ROTTERDAM Netherlands

(72)Name of Inventor :

**1)BUMA, PIER**

**2)SCHREURS, BEREND WILLEM**

**3)VERDONSCHOT, NICOLAAS JACOBUS JOSEPH**

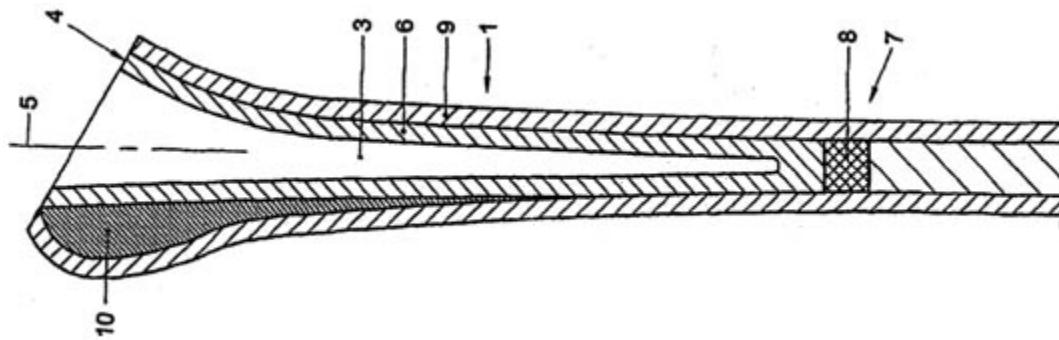
**4)WALSCHOT, LUCAS HUBERT BERNARD**

**5)SLOOFF, THOMAS JOHANNES JOSEPHUS HUBERTUS**

**6)VAN'T WOUT SR., WILLEM CORNELIS**

(57) Abstract :

Kit of parts, comprising: a prosthesis or prosthesis part having at least one contact surface; metal granules having an internal porosity; bone cement; and further comprising titanium granules for use in a kit of parts, which granules preferably are osteoconductive, which granules preferably are coated with a coating from the group of osteoconductive or osteoinductive coatings, or coatings comprising bioceramic, bioglass or osteoconductive or osteoinductive molecules or fluids or cells.



No. of Pages : 70 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2009

(21) Application No.2182/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SECURE FINANCIAL TRANSACTIONS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G06Q 20/00        |
| (31) Priority Document No                     | :2006/09533        |
| (32) Priority Date                            | :16/11/2006        |
| (33) Name of priority country                 | :South Africa      |
| (86) International Application No             | :PCT/IB2007/054678 |
| Filing Date                                   | :16/11/2007        |
| (87) International Publication No             | :WO 2008/059465    |
| (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)NET 1 UEPS TECHNOLOGIES, INC.**

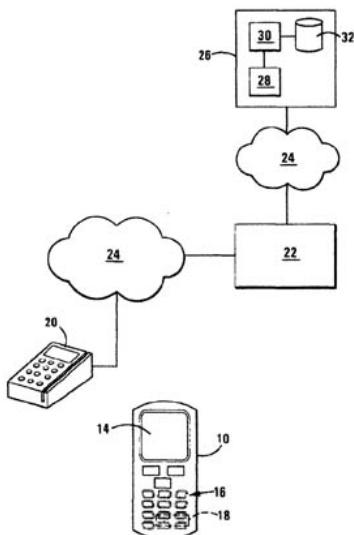
Address of Applicant :4TH FLOOR, PRESIDENT'S PLACE,  
CNR JAN SMUTS AND BOLTON ROAD ROSE-BANK, 2196  
JOHANNESBURG South Africa

(72)Name of Inventor :

**1)BELAMANT, SERGE, CHRISTIAN, PIERRE**

(57) Abstract :

A primary account number ("PAN") of a conventional credit or debit account with a bank or other financial institution is emulated or simulated, which incorporates, in encrypted form, the actual account number . The simulated PAN may also incorporate an amount to be debited from that account. Thus, an account number and an amount are encrypted and mapped into a string of digits which appears to be a valid PAN. The actual account number and the transaction amount are thus embedded in the simulated PAN. The simulated PAN is then processed by existing financial transacting infrastructure, with the issuing bank knowing that it is not a PAN and that the appropriate digits are to be decrypted to provide the embedded account number and the embedded amount. In one application, a transactor wishing to effect a financial transaction, generates a simulated PAN and supplies it to a supplier of goods or services from whom he wishes to purchase said goods or services. The supplier enters the simulated PAN and the amount of the transaction in a conventional way. This data is then transmitted to an acquiring bank, which onwardly transmits it to the issuing bank for authorisation. The issuing bank then extracts the embedded account number and embedded amount, checks that the embedded amount and the supplied amount are the same (as well as other conventional checks), and if they are the same authorizes the transaction. Those skilled in the art will appreciate that, in most instances, a transactor is required to provide an expiry date and a card verification value ("CVV"). Either or both of these could also be simulated and used to encrypt information.



No. of Pages : 27 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2009

(21) Application No.2183/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PROCESS FOR PREPARATION OF 5H-DIBENZO(A,D) CYCLOHEPTENE DERIVATIVES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07C 211/00       |
| (31) Priority Document No                     | :11/609,075        |
| (32) Priority Date                            | :11/12/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/084049 |
| Filing Date                                   | :08/11/2007        |
| (87) International Publication No             | :WO 2008/073646    |
| (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)APICORE, LLC**

Address of Applicant :49 NAPOLEON COURT,  
SOMERSET, NJ 08873 U.S.A.

(72)Name of Inventor :

**1)NAMPALLI, SATYAM  
2)PATEL, BRIJESH  
3)THARIAL, PETER XAVIER  
4)KOVI, RAVISHANKER**

---

(57) Abstract :

A process for preparation of protriptyline hydrochloride from 5-dihydrobenzocycloheptatriene of formula (1) by coupling with chloropropyl alcohol in the presence of excess n-butyl Lithium in tetrahydrofuran under inert atmosphere, followed by preparation of mesylate derivative of formula (3) and finally the nucleophilic displacement of the mesylate group by reacting methylamine solution in methanol to give protriptyline free base of the formula (4). Also the present process reveals the hydrochloride salt formation and purification of the same to give pure pharmaceutical grade protriptyline hydrochloride with impurities less than 0.1%w/w.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/12/2008

(21) Application No.2184/KOL/2008 A

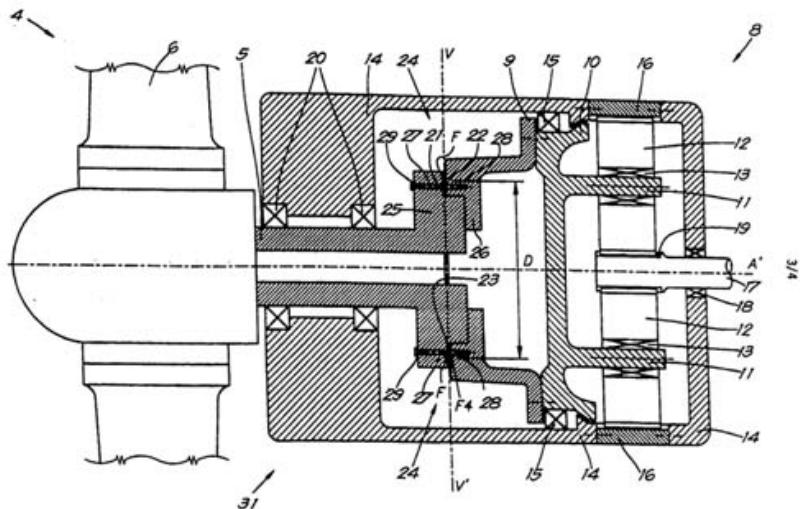
(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD FOR CONNECTING A LOW SPEED MAIN SHAFT OF A WIND TURBINE TO AN INPUT SHAFT OF A TRANSMISSION GEARBOX OF THE WIND TURBINE AND A CONNECTION OBTAINED BY SAID METHOD

|                                               |                 |                                                                       |
|-----------------------------------------------|-----------------|-----------------------------------------------------------------------|
| (51) International classification             | :F03D 7/00      | (71)Name of Applicant :                                               |
| (31) Priority Document No                     | :07076134.1     | <b>1)HANSEN TRANSMISSION INTERNATIONAL</b>                            |
| (32) Priority Date                            | :28/12/2007     | <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             | <b>2)GAMESA INNOVATION &amp; TECHNOLOGY, S. L.</b>                    |
| Filing Date                                   | :NA             |                                                                       |
| (87) International Publication No             | : NA            | (72)Name of Inventor :                                                |
| (61) Patent of Addition to Application Number | :NA             | <b>1)SAENZ DE UGARTE PATRIK</b>                                       |
| Filing Date                                   | :NA             | <b>2)BARANANO ETXEBARRIA JAVIER</b>                                   |
| (62) Divisional to Application Number         | :NA             | <b>3)DE LAET WIM</b>                                                  |
| Filing Date                                   | :NA             |                                                                       |

(57) Abstract :

Method for connecting a low speed main shaft of a wind turbine to an input shaft of a transmission gearbox of the wind turbine and a connection obtained by said method. Method for connecting a low speed main shaft of a wind turbine to an input shaft of a transmission gearbox of the wind turbine, characterized in that the method consists of providing a connection surface on the main shaft and a corresponding connection surface on the input shaft; placing a friction enhancing means on at least one of said connection surfaces; and firmly connecting both connection surfaces to one another whereby a permanent load on the connection surfaces is applied.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2195/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : NOVEL PROSTATE KALLIKREIN ALLERGEN

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K 39/35        |
| (31) Priority Document No                     | :60/876,958        |
| (32) Priority Date                            | :22/12/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/SE2007/051080 |
| Filing Date                                   | :21/12/2007        |
| (87) International Publication No             | :WO 2008/079095    |
| (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)PHADIA AB

Address of Applicant :BOX 6460 751 37 UPPSALA Sweden

(72)Name of Inventor :

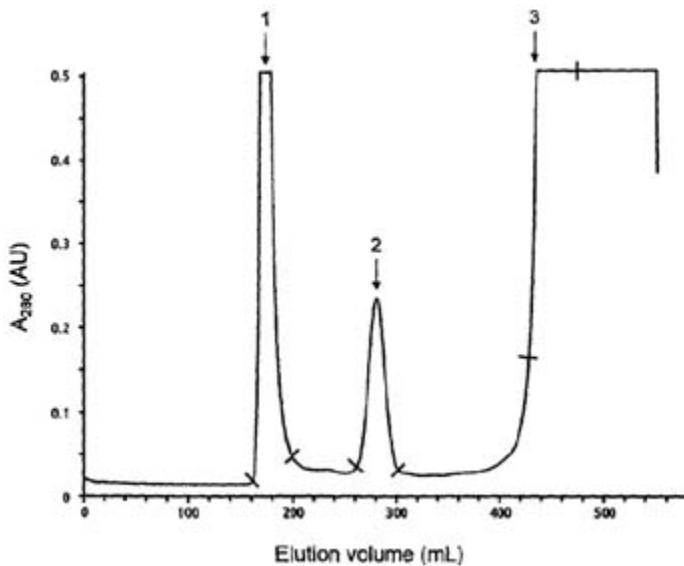
1)LARS MATTSSON

2)JONAS LIDHOLM

3)HENRIK EVERBERG

(57) Abstract :

Prostatic kallikrein for the manufacture of a diagnostic or pharmaceutical composition for diagnosis/treatment of type 1 allergy, especially allergy to dogs.



No. of Pages : 46 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2196/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : METHODS FOR SCREENING AND TREATMENT INVOLVING THE GENES GYPC, AGPAT3, AGL, PVRL2, HMGB 3, HSDL2 AND/OR LDB2

|                                                                 |                                           |                                                                                                                                                                   |
|-----------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                               | :G01N 33/68,A61P 9/10;A61F 2/46; A61B17/8 | (71) <b>Name of Applicant :</b><br><b>1)CLINICAL GENE NETWORKS AB</b><br>Address of Applicant :KAROLINSKA SCIENCE PARK FOGDEVRETTEN 2B SE-171 77 STOCKHOLM Sweden |
| (31) Priority Document No                                       | :60/859,501                               | (72) <b>Name of Inventor :</b>                                                                                                                                    |
| (32) Priority Date                                              | :17/11/2006                               | <b>1)JOHA BJÖRKEGREN</b>                                                                                                                                          |
| (33) Name of priority country                                   | :U.S.A.                                   | <b>2)JESPER TEGNÉR</b>                                                                                                                                            |
| (86) International Application No<br>Filing Date                | :PCT/SE2007/050864<br>:19/11/2007         |                                                                                                                                                                   |
| (87) International Publication No                               | :WO 2008/060240                           |                                                                                                                                                                   |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                                |                                                                                                                                                                   |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                                |                                                                                                                                                                   |

(57) Abstract :

The present invention relates to a method for identifying a compound as a candidate drug, comprising the steps a. bringing said compound into contact with a cell expressing the genes CYPC, AGPAT3, AGL, PVRL2, HMGB 3, HSDL2; and b. analyzing if said compound modulates the expression of at least one of said genes. It also relates to a method for identifying a compound as a candidate drug, comprising the steps a. bringing said compound into contact with a cell expressing the gene LDB2; and b. analyzing if said compound modulates the expression of LDB2. The invention further relates to genetically modified cells and animals useful in such methods and to methods for treatment of atherosclerosis, atherosclerosis-related diseases or inflammatory diseases, comprising the use of such identified compounds.

No. of Pages : 66 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2197/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD, SYSTEM AND DEVICE FOR REALIZING USER IDENTITY ASSOCIATION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04L 12/28        |
| (31) Priority Document No                     | :200710000388.5    |
| (32) Priority Date                            | :22/01/2007        |
| (33) Name of priority country                 | :China             |
| (86) International Application No             | :PCT/CN2008/070036 |
| Filing Date                                   | :07/01/2008        |
| (87) International Publication No             | :WO 2008/089673    |
| (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 China

(72)Name of Inventor :

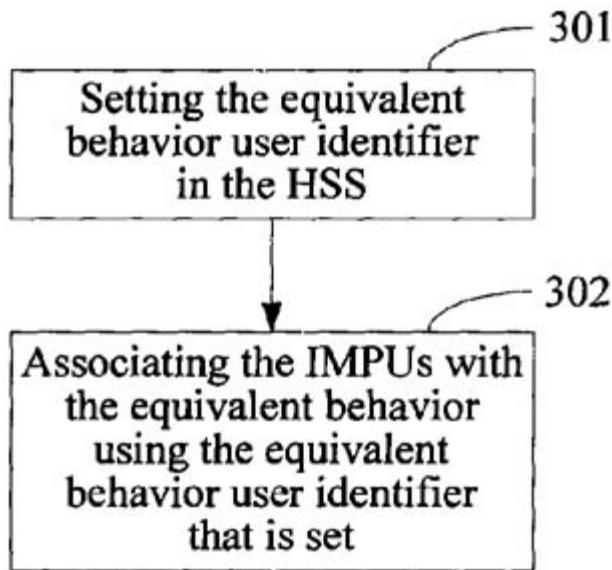
1)SHI, SHUFENG

2)YAN, XUEXIA

3)YANG, DEPING

(57) Abstract :

The present invention discloses a method for realizing user identity association, the method comprising: setting an equivalent behavior user identifier in a Home Subscription Server (HSS); associating IMS Public User Identities (IMPUUs) with the equivalent behavior through the set equivalent behavior user identifier. The present invention also discloses a system and a device realizing user identity association. According to the embodiments of the present invention, the association of the IMPUUs with the set equivalent behavior is realized, which improves the user experiences.



No. of Pages : 58 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2198/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : DESIGNATION OF ELECTRONIC FINANCIAL TRANSACTIONS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G06Q 20/00        |
| (31) Priority Document No                     | :2006-09535        |
| (32) Priority Date                            | :16/11/2006        |
| (33) Name of priority country                 | :South Africa      |
| (86) International Application No             | :PCT/IB2007/054676 |
| Filing Date                                   | :16/11/2007        |
| (87) International Publication No             | :WO 2008/059464    |
| (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)NET 1 UEPS TECHNOLOGIES, INC.

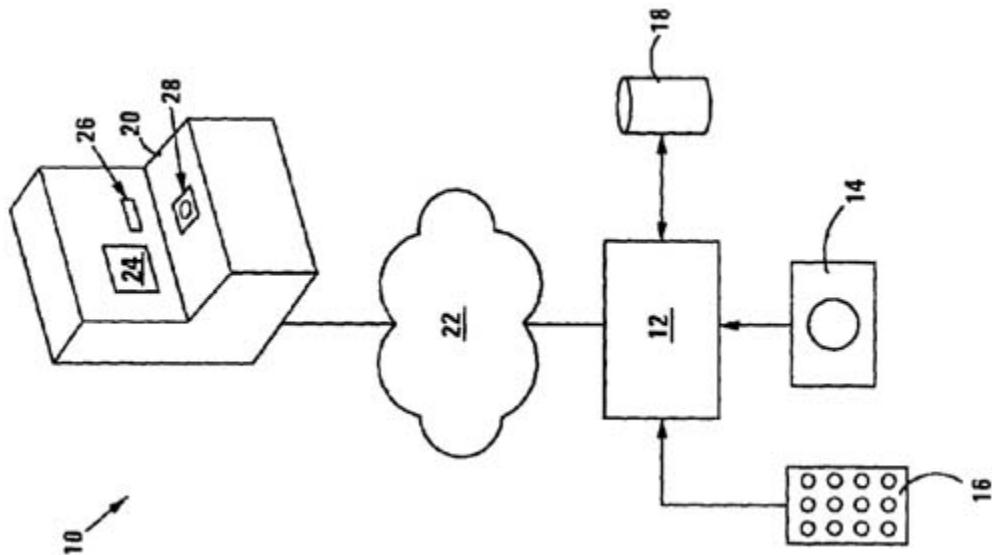
Address of Applicant :4TH FLOOR, PRESIDENT'S PLACE,  
CNR JAN SMUTS AND BOLTON ROAD ROSE-BANK, 2196  
JOHANNESBURG South Africa

(72)Name of Inventor :

1)BELAMANT, SERGE, CHRISTIAN, PIERRE

(57) Abstract :

An electronic financial transaction system has an identifier designation determining means for determining a designation of an identifier supplied by a prospective transactor in accordance with his circumstances; and a response means for implementing a predetermined response according to the designation of the identifier. The designation can be either "normal" or "duress". If a "normal" identifier is given then the transactor is allowed a normal suite of transactions. If a "duress" identifier is given then no transactions are permitted, the transactor's account is frozen, and personnel are alerted to assist the transactor. Alternatively, limited transactions are permitted and the personnel alerted.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2199/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : VERIFICATION OF A TRANSACTOR'S IDENTITY

|                                                                 |                                   |
|-----------------------------------------------------------------|-----------------------------------|
| (51) International classification                               | :G06Q 20/00,G07F<br>7/10          |
| (31) Priority Document No                                       | :2006/09537                       |
| (32) Priority Date                                              | :16/11/2006                       |
| (33) Name of priority country                                   | :South Africa                     |
| (86) International Application No<br>Filing Date                | :PCT/IB2007/054659<br>:15/11/2007 |
| (87) International Publication No                               | :WO 2008/059458                   |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |

(71)Name of Applicant :

1)NET 1 UEPS TECHNOLOGIES, INC.

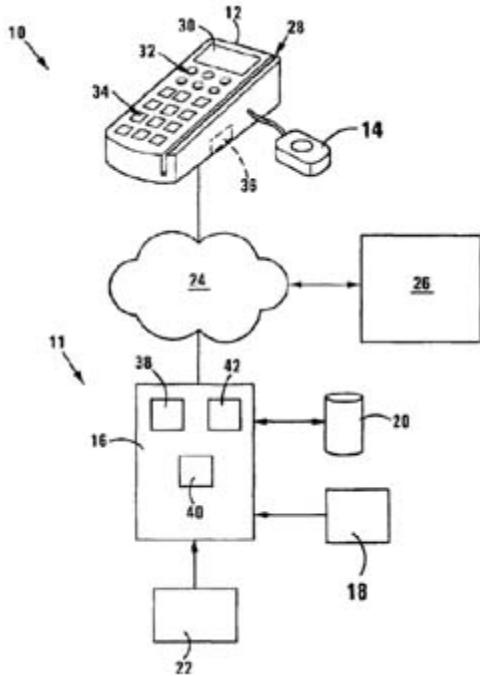
Address of Applicant :4TH FLOOR, PRESIDENT'S PLACE,  
CNR JAN SMUTS AND BOLTON ROAD ROSE-BANK, 2196  
JOHANNESBURG South Africa

(72)Name of Inventor :

1)BELAMANT, SERGE, CHRISTIAN, PIERRE

(57) Abstract :

A system for facilitating a financial transaction between a prospective transactor and a transatee has an identity and account verifying facility for verifying the identity of the prospective transactor and an account that the prospective transactor has with a financial institution, the identity and account verifying facility being operated by an independent verifier. The identity and account verifying facility includes a storage means for storing an identifier of the prospective transactor and details of at least one account held by the transactor at the financial institution. An identifier input means is provided whereby the transactor enters his identifier when he subscribes to the service. An account details obtaining means for obtaining details of the transactor's account with the financial institution, an identifier input means whereby the transactor enters his identifier; and a communicating means for communicating with the independent verifier are located at the transatee, for furnishing the account details and the identifier to the verifier and for receiving a verification confirmation or rejection from the verifier, prior to the transactor conducting the financial transaction with the transatee.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2008

(21) Application No.2200/KOL/2008 A

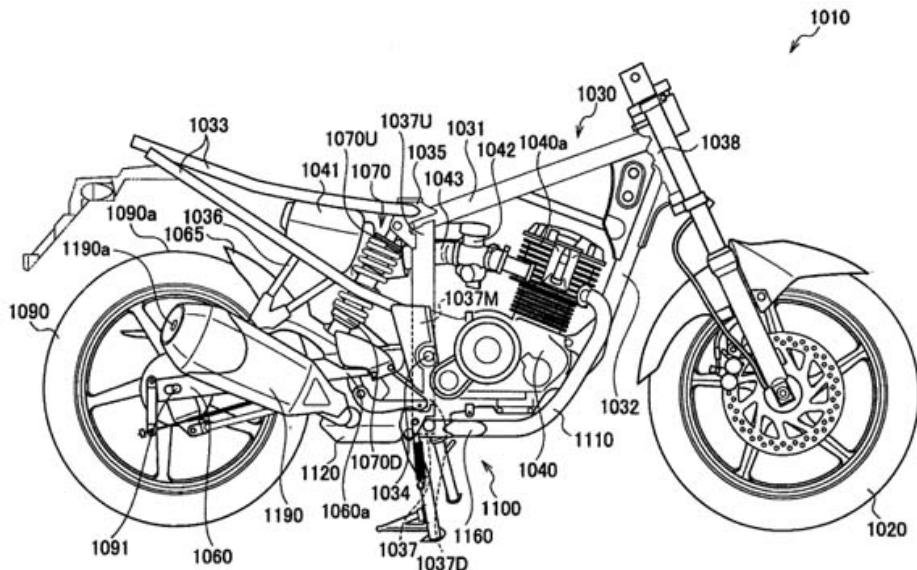
(43) Publication Date : 03/07/2009

(54) Title of the invention : STRADDLE TYPE VEHICLE

|                                               |                                  |                                                                                                                                           |
|-----------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B62K<br>11/04;<br>B62K<br>19/30 | (71)Name of Applicant :<br><b>1)YAMAHA HATSUDOKI KABUSHIKI KAISHA</b><br>Address of Applicant :2500 SHINGAI, IWATA-SHI,<br>SHIZUOKA Japan |
| (31) Priority Document No                     | :2007-<br>341417                 | (72)Name of Inventor :<br><b>1)MASAMI MIZUTANI</b><br><b>2)TOSHIO IIZUKA</b>                                                              |
| (32) Priority Date                            | :28/12/2007                      |                                                                                                                                           |
| (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 straddle type vehicle is provided. The straddle type vehicle includes: an engine; a vehicle body frame supporting the engine; a swing arm having a front part provided in the rear of the engine and swingably supported by the vehicle body frame and a rear part supporting a rear wheel; a shock absorber having a lower part supported by the swing arm and an upper part supported by the vehicle body frame and provided in front of the lower part; an air cleaner provided in the rear of the shock absorber and connected to the engine; and an expansion chamber provided below the shock absorber and including a catalyst for purifying exhaust gas discharged from the engine. At least a part of the air cleaner is provided above the swing arm, and at least a part of the expansion chamber is provided below the swing arm.



No. of Pages : 52 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2200/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD, SYSTEM AND DEVICE FOR INCREASING MULTIMEDIA MESSAGING SERVICE SYSTEM CAPACITY

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04Q 7/22         |
| (31) Priority Document No                     | :200610160851.8    |
| (32) Priority Date                            | :30/11/2006        |
| (33) Name of priority country                 | :China             |
| (86) International Application No             | :PCT/CN2007/070613 |
| Filing Date                                   | :03/09/2007        |
| (87) International Publication No             | :WO 2008/064591    |
| (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)BAI, GUANGCHANG

2)LI, DAEWI

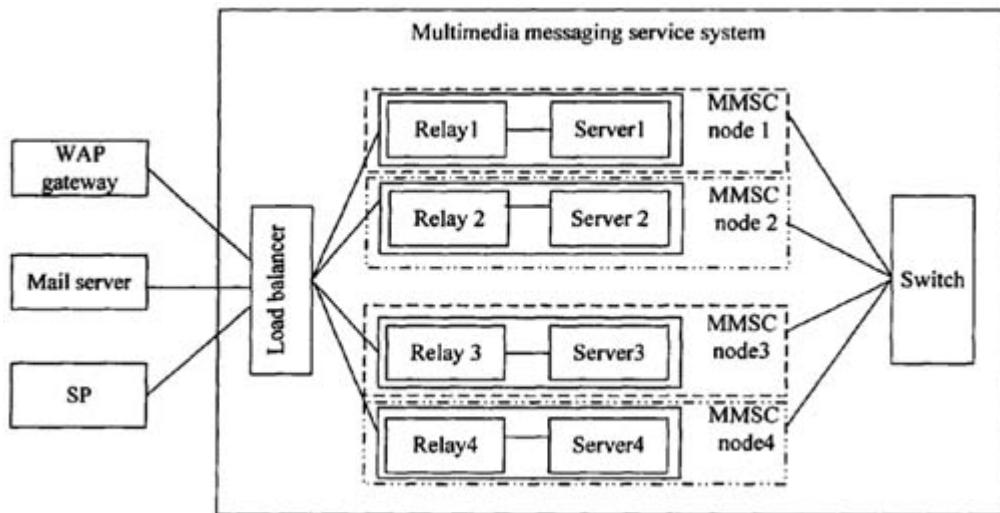
3)ZHANG, ZHIYUAN

4)CHENG, WEIMING

5)WANG, YANG

(57) Abstract :

A method for increasing multimedia messaging service system capacity is provided, it comprises: a message distributing device determining a first multimedia messaging service center (MMSC) node for receiving multimedia message, and forwarding the multimedia message to a relay of the first MMSC node, after it having received multimedia message; the multimedia message being transmitted to a server of the first MMSC node by the relay of the first MMSC node, and stored in the server of the first MMSC node; the server of the first MMSC node corresponding to the relay of the first MMSC relay uniquely; the server of the first MMSC node sending the multimedia message to the receipt party via the relay of the first MMSC node and the message distributing device. A system and a device for increasing multimedia messaging service system capacity are provided, too. It can increase the capacity of multimedia messaging service system handling multimedia message service with the invention.



No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2201/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PROCESS FOR THE PREPARATION OF PIPERAZINYL AND DIAZEPANYL BENZAMIDE DERIVATIVES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07D 241/04       |
| (31) Priority Document No                     | :60/870,003        |
| (32) Priority Date                            | :14/12/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/086936 |
| Filing Date                                   | :10/12/2007        |
| (87) International Publication No             | :WO 2008/076685    |
| (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)JANSSEN PHARMACEUTICA N.V.**

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**1)ANUSUYA CHOUDHURY**

**2)JEFFREY S. GRIMM**

**3)KIRK L. SORGI**

**4)DAVID PALMER**

**5)JING LIU**

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(57) Abstract :

The present invention is directed to a novel process for the preparation of piperazinyl and diazapanyl benzamide derivatives, useful for the treatment of disorders and conditions mediated by a histamine receptor, preferably the H3 receptor.

No. of Pages : 79 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2202/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : CHEMICAL COATING COMPOSITION FOR GLASS FIBERS FOR IMPROVED FIBER DISPERSION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C03C 25/26        |
| (31) Priority Document No                     | :11/639,672        |
| (32) Priority Date                            | :15/12/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/025708 |
| Filing Date                                   | :14/12/2007        |
| (87) International Publication No             | :WO 2008/082480    |
| (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)OCV INTELLECTUAL CAPITAL, LLC

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(72)Name of Inventor :

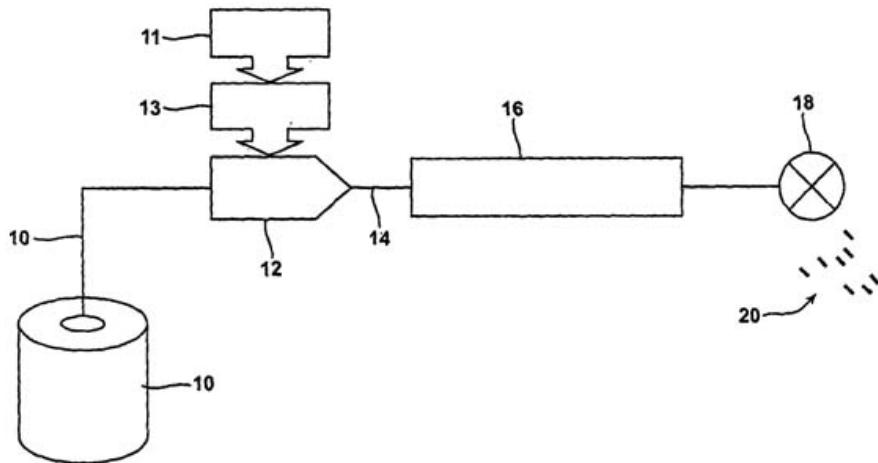
1)KASHIKAR, SANJAY

2)HENRION, JEAN-MARC, P.

3)VAN DEN BRANDE, PHILIP, T.

(57) Abstract :

A coating composition that improves fiber dispersion and mechanical properties in reinforced composite articles is provided. The coating composition includes a chemical compound that acts as an emulsifier, a surfactant, and a melt viscosity reducer. In at least one exemplary embodiment, the chemical compound is an ethoxylated fatty acid or an ethoxylated fatty alcohol compound. The coating composition may be applied to the reinforcing fiber strand after a conventional sizing composition has been applied to the reinforcing fiber and prior to wire coating the fiber with a thermoplastic resin. The coated/sized fiber strands may be chopped to form chopped strand segments and then densified or compacted to form a densified reinforcing fiber product, such as pellets. These pellets, in turn, may be used to form polymer reinforced composite articles. In alternative embodiments, the coating composition may be applied directly to the reinforcement fibers directly after fiber formation under the bushing.



No. of Pages : 59 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2203/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : INHIBITING COLLAGEN-INDUCED PLATELET AGGREGATION AND ACTIVATION WITH PEPTIDE VARIANTS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K 38/14        |
| (31) Priority Document No                     | :60/874,694        |
| (32) Priority Date                            | :13/12/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/025389 |
| Filing Date                                   | :12/12/2007        |
| (87) International Publication No             | :WO 2008/076275    |
| (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)UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL

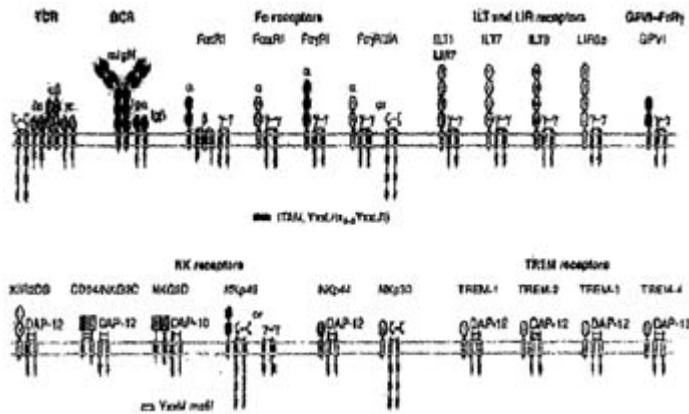
Address of Applicant :300 SOUTH STREET, SUITE 400, SHREWSBURY, MA 01545-4169 U.S.A.

(72)Name of Inventor :

1)SIGALOV, ALEXANDER, B.

(57) Abstract :

The present invention provides peptides consisting of L- and/or D-amino acids and combinations thereof, which affect platelets by action on the collagen receptor, glycoprotein VI (GPVI). More specifically, however, the peptides act on the GPVI-FcR&ggr; signaling complex. The invention also provides lipid and sugar conjugated peptides comprising L- or D-amino acids. The invention still further provides a method of designing of the peptides and lipid- and/or sugar-conjugated peptides comprising L- or D- amino acids. The present invention further relates to the therapy of various disease states involving the use of these peptides and compounds. Specifically, the peptides and compounds are useful in the treatment and/or prevention of a disease or condition involving platelet activation and aggregation, and more particularly, collagen-induced platelet activation and aggregation. They also are useful in the production of medical devices comprising peptide matrices (i.e., for example, cardiovascular stents).



No. of Pages : 113 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2204/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : INSULATING BODY FOR A BUSBAR COUPLING, AND BUSBAR COUPLING

(51) International classification :H01R 25/16  
(31) Priority Document No :102007003636.3  
(32) Priority Date :16/01/2007  
(33) Name of priority country :Germany  
(86) International Application No :PCT/EP2008/050346  
    Filing Date :14/01/2008  
(87) International Publication No :WO 2008/087117  
(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) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant : WITTELSBACHERPLATZ 2, 80333  
MÜNCHEN Germany

(72) Name of Inventor :

(72) Name of Inventor:

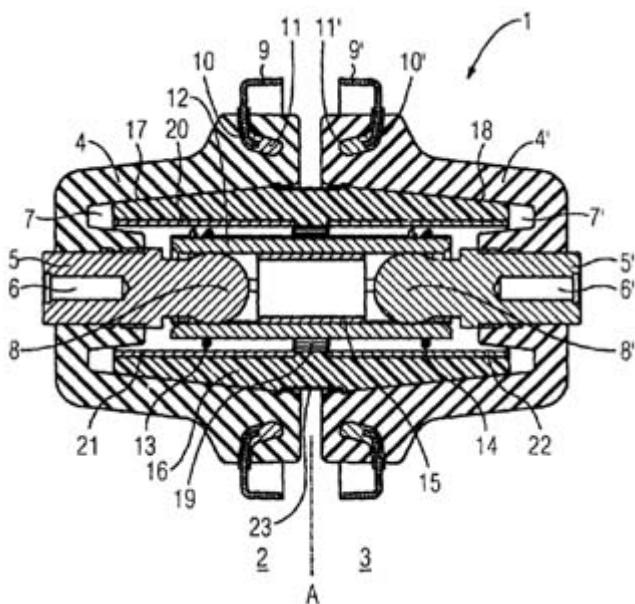
## **2)DIRKS, ROLE**

2)DIRKS, ROLF  
3)HOHMANN, STEFAN

---

(57) Abstract :

The invention relates to an insulating body (16) for a busbar coupling (1), for accommodating contact pieces (5,5') connected by means of a connector element (12), provided for switching fields (2,3) of a switchgear. Said insulating body (16) has a hollow cylindrical inner contour (24) with a centring means (19,25, 26, 27, 28, 29,30) for the connector element (12), characterised in that the insulating body (16) surrounds the connector element (12) and the contact pieces (5,5') at a distance therefrom and the contact pieces (19, 25, 26, 27, 28,29, 30) are formed by several projections (25,26,27,28,29,30) distributed around the inner contour.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2205/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : HYDRAULIC DRIVE DEVICE FOR HYDRAULIC EXCAVATOR

|                                               |                      |
|-----------------------------------------------|----------------------|
| (51) International classification             | :E02F 9/22,E02F 3/43 |
| (31) Priority Document No                     | :2006-339981         |
| (32) Priority Date                            | :18/12/2006          |
| (33) Name of priority country                 | :Japan               |
| (86) International Application No             | :PCT/JP2007/074233   |
| Filing Date                                   | :17/12/2007          |
| (87) International Publication No             | :WO 2008/075648      |
| (61) Patent of Addition to Application Number | :NA                  |
| Filing Date                                   | :NA                  |
| (62) Divisional to Application Number         | :NA                  |
| Filing Date                                   | :NA                  |

(71)Name of Applicant :

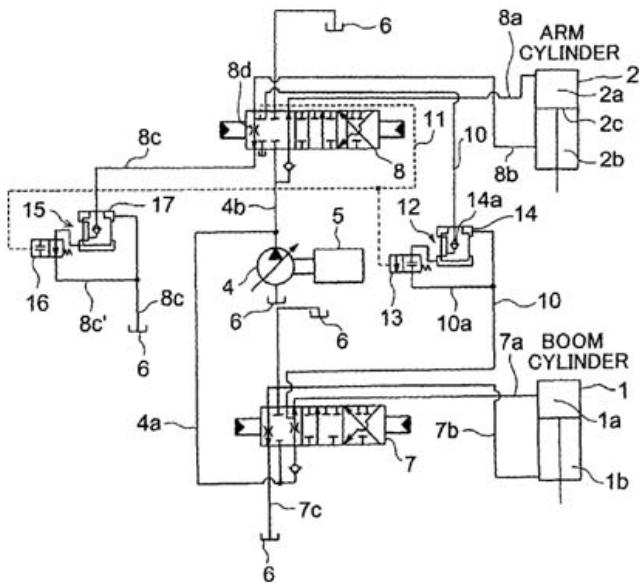
1)HITACHI CONSTRUCTION MACHINERY CO., LTD.  
Address of Applicant :5-1, KORAKU 2-CHOME, BUNKYO-KU, TOKYO 112-0004 Japan

(72)Name of Inventor :

1)KAZUNORI NAKAMURA

(57) Abstract :

[PROBLEM] To provide a hydraulic drive system for a hydraulic excavator, which makes it possible to efficiently perform grading work by using residual energy of pressure oil in a hydraulic circuit although no attention has been paid to the residual energy in conventional technologies. [SOLUTION] A hydraulic drive system for a hydraulic excavator is provided with a boom cylinder 1 and arm cylinder 2, a main hydraulic pump 4 for feeding pressure oil to both the cylinders 1,2, a directional control valve 7 for a boom and directional control valve 8 for an arm to control flows of pressure oil to be fed to the boom cylinder 1 and arm cylinder 2, respectively, and a reservoir line 8c connecting the directional control valve 8 for the arm with a working oil reservoir 6. A flow-rate control valve 15 capable of selectively closing the reservoir line 8c is arranged and, when a rod-side hydraulic pressure of the arm cylinder 2 has increased to a preset value or greater while grading work is performed by a combined operation of boom raising and arm crowding, the reservoir line 8c is closed by the flow-rate control valve 15 to prevent drainage of rod-side pressure oil from the arm cylinder 2 to the working oil reservoir 8c and to feed the rod-side pressure oil to a bottom side of the boom cylinder.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2206/KOLNP/2009 A

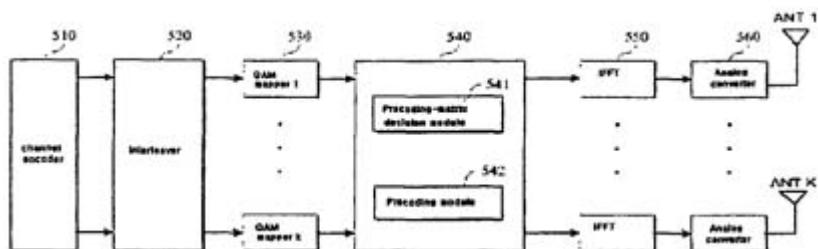
(43) Publication Date : 03/07/2009

(54) Title of the invention : DATA TRANSMITTING AND RECEIVING METHOD USING PHASE SHIFT BASED PRECODING AND TRANSCEIVER SUPPORTING THE SAME

|                                                                 |                                   |                                                                                             |
|-----------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------|
| (51) International classification                               | :H04B 7/04,H04L 5/12              | (71)Name of Applicant :                                                                     |
| (31) Priority Document No                                       | :60/889,891                       | 1)LG ELECTRONICS INC.                                                                       |
| (32) Priority Date                                              | :14/02/2007                       | Address of Applicant :20, YEOUIDO-DONG,<br>YEONGDEUNGPO-GU, SEOUL 105-875 Republic of Korea |
| (33) Name of priority country                                   | :U.S.A.                           | (72)Name of Inventor :                                                                      |
| (86) International Application No<br>Filing Date                | :PCT/KR2008/000744<br>:05/02/2008 | 1)LEE, WOOK BONG<br>2)IHM, BIN CHUL<br>3)LEE, MOON IL<br>4)CHUN, JIN YOUNG                  |
| (87) International Publication No                               | :WO 2008/100038                   |                                                                                             |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |                                                                                             |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |                                                                                             |

(57) Abstract :

A method for performing a precoding based on a generalized phase shift or a precoding based on an extended phase shift in a Multi-Input Multi-Output (MIMO) system employing several sub-carriers, and a transceiver for supporting the same are disclosed. A phase-shift-based precoding matrix is generalized by multiplying a diagonal matrix for a phase shift by a unitary matrix for maintaining orthogonality between sub-carriers. In this case, a diagonal matrix can be extended by multiplying a precoding matrix for removing interference between sub-carriers by a diagonal matrix for a phase shift. By generalization and extension of the phase-shift-based precoding, a transceiver is more simplified, and communication efficiency increases.



No. of Pages : 67 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application : 11/06/2009

(21) Application No.2190/KOLNP/2009 A

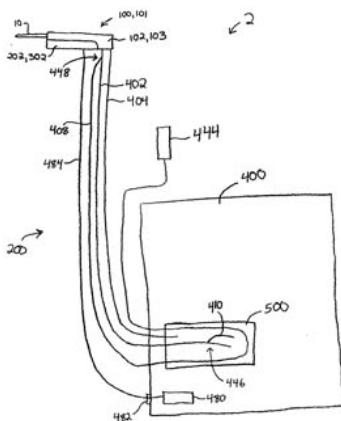
(43) Publication Date : 03/07/2009

(54) Title of the invention : BIOPSY DEVICE, SYSTEM AND METHOD

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61B 17/32        |
| (31) Priority Document No                     | :60/869,736        |
| (32) Priority Date                            | :13/12/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/087075 |
| Filing Date                                   | :11/12/2007        |
| (87) International Publication No             | :WO 2008/076712    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

(57) Abstract :

A biopsy system may have modes whereby fluid communication varies as a function of an axial position of a cutter. A tissue sample holder may be rotatable to index tissue chambers defined by removable trays, and may include a passage for inserting an instrument. A controller may control a tissue sample holder rotation mechanism based on the sensed position of a rotatable manifold, such as to present a collected biopsy sample to a user before collecting another biopsy sample in another chamber. A biopsy system may have an interface including visual features and user input devices. A vacuum canister may come packaged with tubing, and may include a port configured to mate with a port in a vacuum control module upon engagement of the canister with the module. A biopsy device may include features for sharps reduction, light sources, a motor driven firing mechanism, or a fine pitch drivetrain.



No. of Pages : 177 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2009

(21) Application No.2191/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SYSTEMS AND METHODS FOR PROCESS STREAM TREATMENT

|                                               |                      |
|-----------------------------------------------|----------------------|
| (51) International classification             | :C02F 1/72,C02F 1/46 |
| (31) Priority Document No                     | :60/871,496          |
| (32) Priority Date                            | :22/12/2006          |
| (33) Name of priority country                 | :U.S.A.              |
| (86) International Application No             | :PCT/US2007/026219   |
| Filing Date                                   | :21/12/2007          |
| (87) International Publication No             | :WO 2008/079362      |
| (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 :

1)HOWDESHELL, MICHAEL

2)MAUGANS, CLAYTON B.

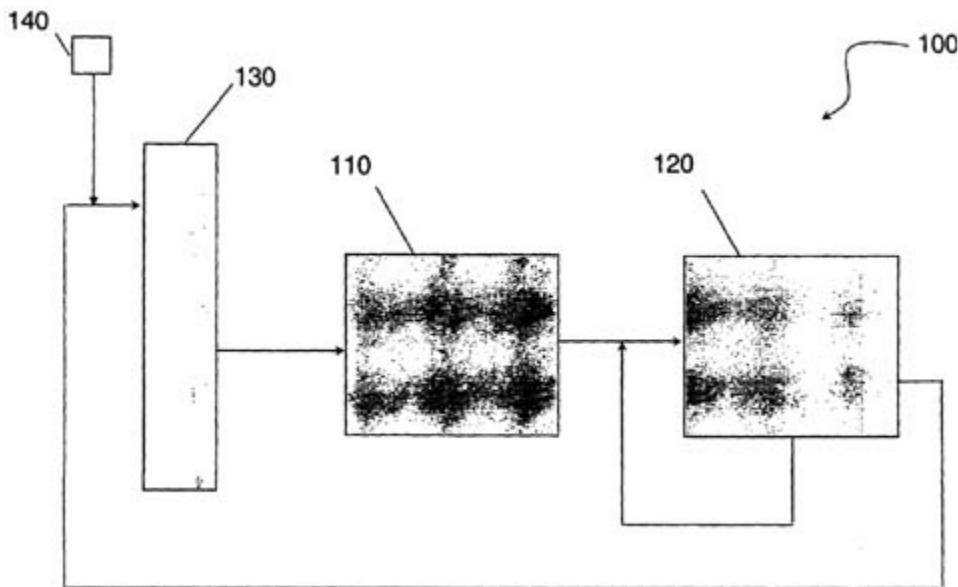
3)FELCH, CHAD L.

4)FREYDINA, EVGENIYA

5)LIANG, LI-SHIANG

(57) Abstract :

Systems and methods for process stream treatment. The treatment system may generally include an oxidation unit coupled to a downstream demineralization unit. The oxidation unit may oxidize organic and reduced sulfur contaminants in the process stream to facilitate downstream treatment. The demineralization unit may convert a product of the oxidation unit to generate a mineral stream. In some examples, the process stream may be a spent caustic stream from an industrial operation, such as an ethylene production facility or a petroleum refinery. A fresh caustic stream, such as a sodium hydroxide stream, may be isolated in the demineralization step and returned to the industrial operation for use.



No. of Pages : 54 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2009

(21) Application No.2192/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : DISPERSE DYES, THEIR PREPARATION AND THEIR USE

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C09B 29/085       |
| (31) Priority Document No                     | :10 2007 003 372.0 |
| (32) Priority Date                            | :23/01/2007        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2008/050318 |
| Filing Date                                   | :14/01/2008        |
| (87) International Publication No             | :WO 2008/090042    |
| (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)DYSTAR TEXTILFARBEN GMBH & CO.**

**DEUTSCHLAND KG**

Address of Applicant :INDUSTRIEPARK HÖCHST,  
GEBÄUDE B598, 65926 FRANKFURT Germany

(72)Name of Inventor :

**1)JORDAN, HARTWIG**

**2)NEUBAUER, STEFAN**

**3)LAWRENCE, ANTHONY**

**4)HALL, NIGEL**

---

(57) Abstract :

Disperse dyes, their preparation and their use The present invention provides dyes of the general formula (I) where D is the residue of a diazo component; R<sup>1</sup> to R<sup>7</sup> and L are each as defined in claim 1, processes for their preparation and their use.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2009

(21) Application No.2193/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SUSTAINED-RELEASE COMPOSITION AND METHOD FOR PRODUCING THE SAME

|                                               |                       |
|-----------------------------------------------|-----------------------|
| (51) International classification             | :A61K 9/16,A61K 31/55 |
| (31) Priority Document No                     | :60/875,364           |
| (32) Priority Date                            | :18/12/2006           |
| (33) Name of priority country                 | :U.S.A.               |
| (86) International Application No             | :PCT/JP2007/074617    |
| Filing Date                                   | :17/12/2007           |
| (87) International Publication No             | :WO 2008/075762       |
| (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)TAKEDA PHARMACEUTICAL COMPANY LIMITED

Address of Applicant :1-1, DOSHOMACHI 4-CHOME,  
CHUO-KU OSAKA-SI, OSAKA Japan

(72)Name of Inventor :

1)TOMOMICHI FUTO

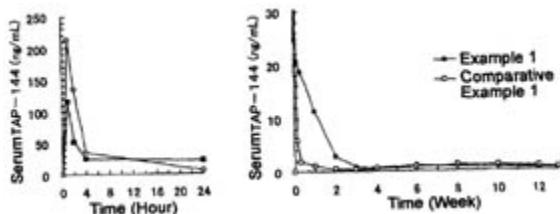
2)KAZUHIRO SAITO

3)TETSUO HOSHINO

4)MASUHISA HORI

(57) Abstract :

Sustained-release compositions wherein a water-soluble physiologically active peptide is substantially uniformly dispersed in a microcapsule comprised of a lactic acid polymer or a salt thereof, and the physiologically active substance is contained in an amount of 15 to 35 wt/wt% to the total microcapsules and weight-average molecular weight (Mw) of the lactic acid polymer is about 11,000 to about 27,000, which is characterized by having a high content of the physiologically active substance, and suppression of the initial excessive release within one day after the administration and a stable drug sustained-release over a long period of time, and method for producing the same.



No. of Pages : 144 No. of Claims : 67

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/06/2009

(21) Application No.2194/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : COOLING SYSTEM WITH A DRIVE MOTOR AND A HYDRODYNAMIC MACHINE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B60T 10/02        |
| (31) Priority Document No                     | :102006054615.6    |
| (32) Priority Date                            | :17/11/2006        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2007/006601 |
| Filing Date                                   | :25/07/2007        |
| (87) International Publication No             | :WO 2008/058578    |
| (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)VOITH PATENT GMBH

Address of Applicant :ST. POLTENER STR. 43, 89522  
HEIDENHEIM Germany

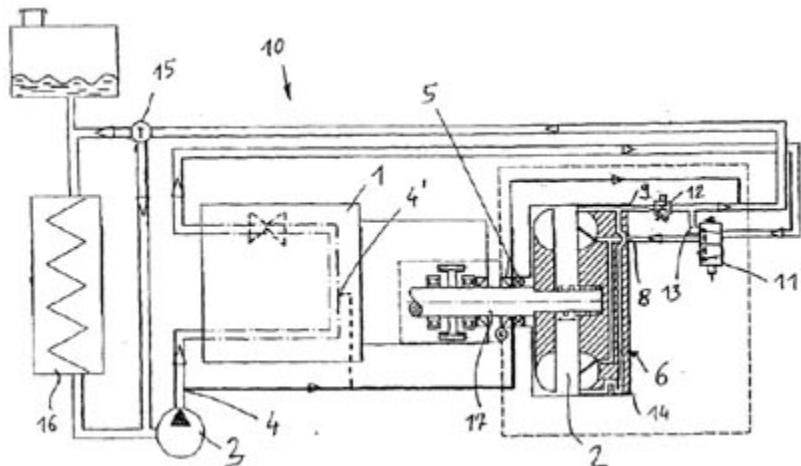
(72)Name of Inventor :

1)LAUKEMANN, DIETER

2)OHR, THOMAS

(57) Abstract :

The invention relates to a cooling system with a drive motor which is to be cooled by means of a cooling medium; with a cooling medium circuit which conducts the cooling medium; with a hydrodynamic machine, comprising a working space which is or can be filled with a working medium, wherein the working medium is the cooling medium, and the hydrodynamic machine has a seal which is cooled and/or lubricated by means of the cooling medium; with a cooling medium pump for circulating the cooling medium in the cooling medium circuit. The invention is characterized in that a cooling medium pick-off is provided in the cooling medium circuit directly downflow of the cooling medium pump or in the region of the cooling medium pump, via which cooling medium pick-off cooling medium is branched off of the cooling medium circuit; wherein the branched-off cooling medium is conducted directly through or past the seal in order to cool and/or lubricate the latter, and the cooling medium which is conducted through or past the seal is supplied to the cooling medium circuit again upwards or downwards flow of the working space.



No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2207/KOLNP/2009 A

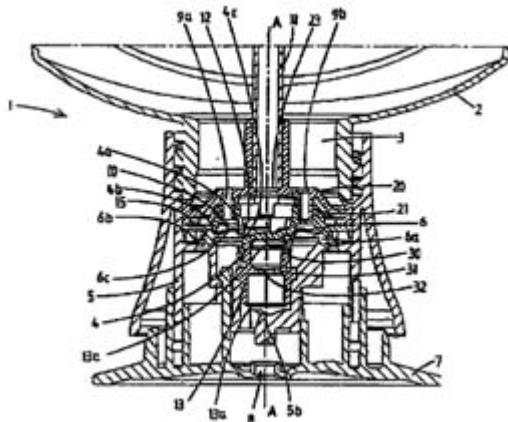
(43) Publication Date : 03/07/2009

(54) Title of the invention : FOAM-FORMING ASSEMBLY, SQUEEZE FOAMER AND DISPENSING DEVICE

|                                               |                          |                                                                                                                                    |
|-----------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B05B 7/00,B05B<br>11/04 | (71)Name of Applicant :<br><b>1)REXAM AIRSPRAY N.V.</b><br>Address of Applicant :9, IVOORSTRAAT, NL-1812 RE<br>ALKMAAR Netherlands |
| (31) Priority Document No                     | :1033031                 |                                                                                                                                    |
| (32) Priority Date                            | :11/12/2006              |                                                                                                                                    |
| (33) Name of priority country                 | :Netherlands             |                                                                                                                                    |
| (86) International Application No             | :PCT/NL2007/000304       | (72)Name of Inventor :<br><b>1)VAN DER HEIJDEN, EDGAR, IVO MARIA</b>                                                               |
| Filing Date                                   | :10/12/2007              |                                                                                                                                    |
| (87) International Publication No             | :WO 2008/072949          |                                                                                                                                    |
| (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 foam-forming assembly for forming a foam, comprising a housing having an air passage and a liquid passage which each end in a mouth and which are in communication with a dispensing passage which ends in a dispensing opening, and a valve body. The invention is characterized in that the mouth of the liquid passage is annular and the mouth of the air passage and an entry port of the dispensing passage are substantially provided on the circumference of an imaginary circle, in which between the annular mouth of the liquid passage and the mouth of the air passage and/or the entry port of the dispensing passage an annular sealing surface is provided, against which, in rest position, the valve body sealingly engages, and in which during dispensing the valve body becomes detached of the sealing surface such that the mouth of the air passage, the mouth of the liquid passage and the entry port of the dispensing passage substantially simultaneously come in fluid communication with each other.



No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2208/KOLNP/2009 A

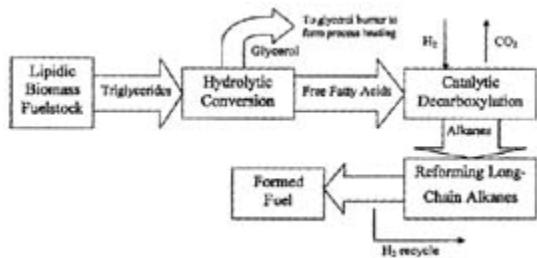
(43) Publication Date : 03/07/2009

(54) Title of the invention : PROCESS FOR CONVERSION OF BIOMASS TO FUEL

|                                               |                         |                                                                        |
|-----------------------------------------------|-------------------------|------------------------------------------------------------------------|
| (51) International classification             | :C10G 3/00,C10L<br>1/04 | (71)Name of Applicant :                                                |
| (31) Priority Document No                     | :60/868,278             | 1)NORTH CAROLINA STATE UNIVERSITY                                      |
| (32) Priority Date                            | :01/12/2006             | Address of Applicant :2401 RESEARCH DRIVE, RALEIGH,<br>NC 27695 U.S.A. |
| (33) Name of priority country                 | :U.S.A.                 | (72)Name of Inventor :                                                 |
| (86) International Application No             | :PCT/US2007/086023      | 1)ROBERTS, WILLIAM, L., IV                                             |
| Filing Date                                   | :30/11/2007             | 2)LAMB, H., HENRY                                                      |
| (87) International Publication No             | :WO 2008/103204         | 3)STIKELEATHER, LARRY, F.                                              |
| (61) Patent of Addition to Application Number | :NA                     | 4)TURNER, TIMOTHY, L.                                                  |
| Filing Date                                   | :NA                     |                                                                        |
| (62) Divisional to Application Number         | :NA                     |                                                                        |
| Filing Date                                   | :NA                     |                                                                        |

(57) Abstract :

The present invention is directed to processes for the direct conversion of lipidic biomass fuelstock to combustible fuels. In particular, the invention provides a process for the direct conversion of animal fats to transportation fuels suitable as replacement for petroleum-derived transportation fuels. In one embodiment, the method comprises the steps of hydrolyzing a lipidic biomass to form free fatty acids, catalytically deoxygenating the free fatty acids to form n-alkanes, and reforming at least a portion of the n-alkanes into a mixture of compounds in the correct chain length, conformations, and ratio to be useful transportation fuels. Particularly, the product prepared according to the invention comprises mixtures of hydrocarbon compounds selected from the group consisting of n-alkanes, isoalkanes, aromatics, cycloalkanes, and combinations thereof.



No. of Pages : 69 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2209/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : FLOOD CONTROL SYSTEM

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :F03B 11/04        |
| (31) Priority Document No                     | :10-2006-0113923   |
| (32) Priority Date                            | :17/11/2006        |
| (33) Name of priority country                 | :Republic of Korea |
| (86) International Application No             | :PCT/KR2007/005769 |
| Filing Date                                   | :16/11/2007        |
| (87) International Publication No             | :WO 2008/060116    |
| (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)CHO, KUK RAE

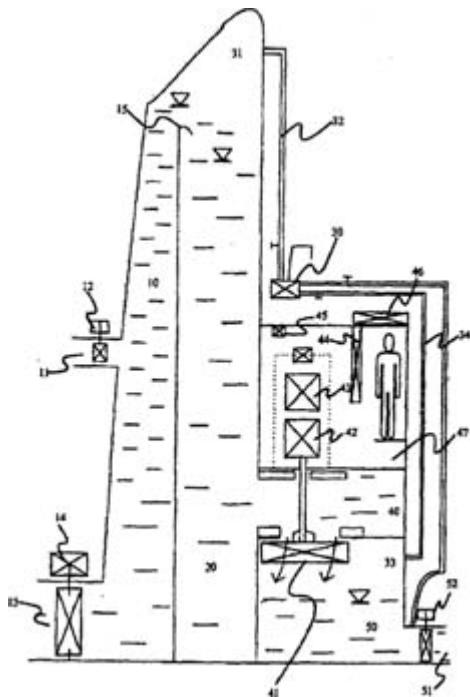
Address of Applicant :106-507, BUYOUNG, APT., 477,  
CHUNGAN-DONG, JINHAE-SI, KYUNGNAM 645-764  
Republic of Korea

(72)Name of Inventor :

1)CHO, KUK RAE

(57) Abstract :

A method for increasing multimedia messaging service system capacity is provided, it comprises: a message distributing device determining a first multimedia messaging service center (MMSC) node for receiving multimedia message, and forwarding the multimedia message to a relay of the first MMSC node, after it having received multimedia message; the multimedia message being transmitted to a server of the first MMSC node by the relay of the first MMSC node, and stored in the server of the first MMSC node; the server of the first MMSC node corresponding to the relay of the first MMSC relay uniquely; the server of the first MMSC node sending the multimedia message to the receipt party via the relay of the first MMSC node and the message distributing device. A system and a device for increasing multimedia messaging service system capacity are provided, too. It can increase the capacity of multimedia messaging service system handling multimedia message service with the invention.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2215/KOLNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : HUMAN MONOCLONAL ANTIBODIES TO BTLA AND METHODS OF USE

|                                               |                             |
|-----------------------------------------------|-----------------------------|
| (51) International classification             | :A61K 39/395; C07K<br>16/00 |
| (31) Priority Document No                     | :60/866,058                 |
| (32) Priority Date                            | :15/11/2006                 |
| (33) Name of priority country                 | :U.S.A.                     |
| (86) International Application No             | :PCT/US2007/084792          |
| Filing Date                                   | :15/11/2007                 |
| (87) International Publication No             | :WO 2008/076560             |
| (61) Patent of Addition to Application Number | :NA<br>:NA                  |
| Filing Date                                   | :NA                         |
| (62) Divisional to Application Number         | :NA                         |
| Filing Date                                   | :NA                         |

(71)**Name of Applicant :**

**1)MEDAREX, INC.**

Address of Applicant :707 STATE ROAD, PRINCETON, NJ  
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(72)**Name of Inventor :**

**1)KORMAN, ALAN**

**2)SELBY, MARK**

**3)THUDIUM, KENT, B.**

**4)HALK, EDWARD**

**5)SRINIVASAN, MOHAN**

**6)PASSMORE, DAVID, B.**

---

(57) Abstract :

The present disclosure provides isolated monoclonal antibodies, particularly human monoclonal antibodies that specifically bind to BTLA with high affinity. Nucleic acid molecules encoding the antibodies of the disclosure, expression vectors, host cells and methods for expressing the antibodies of the disclosure are also provided. Immunoconjugates, bispecific molecules and pharmaceutical compositions comprising the antibodies of the disclosure are also provided. The disclosure also provides methods for detecting BTLA, as well as methods for treating various diseases, including cancer and infectious diseases, using anti- BTLA antibodies.

No. of Pages : 144 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2008

(21) Application No.2216/KOL/2008 A

(43) Publication Date : 03/07/2009

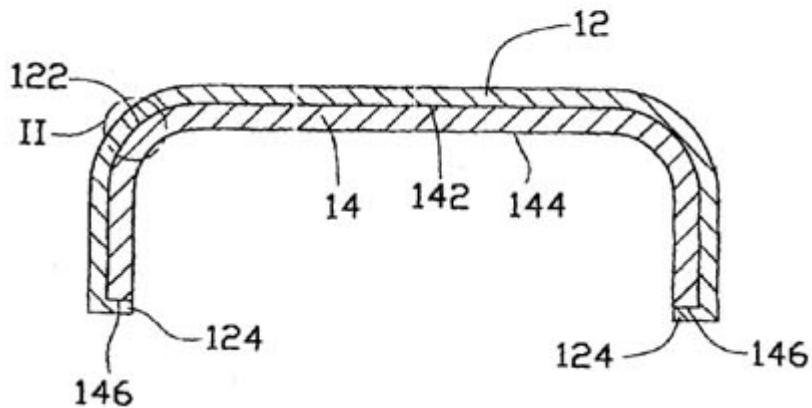
(54) Title of the invention : MULTI-LAYERED MOLDED ARTICLE WITH MOISTURE PROTECTION

|                                               |                  |                                                                                                                  |
|-----------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A01N25/10       | (71) <b>Name of Applicant :</b>                                                                                  |
| (31) Priority Document No                     | :2007-10203410.6 | <b>1)FIH (HONG KONG) LIMITED</b>                                                                                 |
| (32) Priority Date                            | :26/12/2007      | Address of Applicant :8/F., PENINSULA TOWER, 538<br>CASTLE PEAK ROAD, CHEUNG SHA WAN, KOWLOON<br>Hongkong(China) |
| (33) Name of priority country                 | :China           | (72) <b>Name of Inventor :</b>                                                                                   |
| (86) International Application No             | :NA              | <b>1)KUN-TSAN WU</b>                                                                                             |
| Filing Date                                   | :NA              | <b>2)LI-WEN TIEN</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 multi-layered molded article (100) includes a soft layer (12) and a substrate (14) moldingly bonded to the soft layer. The substrate has a bonding surface (142) bonded to the soft layer and peripheral end surfaces (146) at the edges of the substrate.

100



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2217/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : OPTIMIZED RADIATION PATTERNS

|                                               |                          |                                                 |
|-----------------------------------------------|--------------------------|-------------------------------------------------|
| (51) International classification             | :H01Q 21/29,H04Q<br>7/36 | (71)Name of Applicant :                         |
| (31) Priority Document No                     | :NA                      | 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)        |
| (32) Priority Date                            | :NA                      | Address of Applicant :S-164 83 STOCKHOLM Sweden |
| (33) Name of priority country                 | :NA                      | (72)Name of Inventor :                          |
| (86) International Application No             | :PCT/SE2006/050503       | 1)DERNERYD, ANDERS                              |
| Filing Date                                   | :23/11/2006              | 2)ENGSTRÖM, ULRIKA                              |
| (87) International Publication No             | :WO 2008/063111          | 3)MANHOLM, LARS                                 |
| (61) Patent of Addition to Application Number | :NA                      | 4)PETERSSON, SVEN                               |
| Filing Date                                   | :NA                      |                                                 |
| (62) Divisional to Application Number         | :NA                      |                                                 |
| Filing Date                                   | :NA                      |                                                 |

(57) Abstract :

An antenna arrangement comprising at least two antenna arrays ( $M, M' M''$ ), each array comprising a plurality (N) of radiating elements (R) being arranged so as to have at least a plurality of corresponding radiating element positions, wherein for each radiating element there is associated an excitation means (E) comprising a magnitude weight (A) and a delay weight (a), wherein there is a first set (SE) of excitation means (E) associated with a first array (M) providing a first radiation pattern and a second set (SE') of excitation means (E) associated with a second array (M') providing a second radiation pattern. At least two respective excitation means (E) associated with a corresponding radiating element position of at least two respective arrays ( $M, M' M''$ ) have at least two different magnitude weights ( $A_n, A'_n, A''_n$ ), and at least two respective excitation means (E) associated with a corresponding radiating element position of at least two respective arrays ( $M, M', M''$ ) have at least two different delay weights ( $a_n, a'_n, a''_n$ ). The excitation weights ( $A_n, A'_n, A''_n; a_n, a'_n, a''_n$ ) of the at least first and second sets of excitation means (SE, SE') are selected so that the main beam directions of the at least two antenna arrays essentially coincide and so that at least the magnitude of the correlation coefficient ( $p$ ) associated with respective signals ( $S, S'$ ) communicated over the at least first and second array ( $M, M', M''$ ) is below 0.7 in a given side-lobe region, or so that the radiation amplitude patterns ( $P, P'$ ) associated with the at least first and second set of excitation means have an envelope with a substantial null-fill difference in a given side-lobe region with regard to the main beam peak.

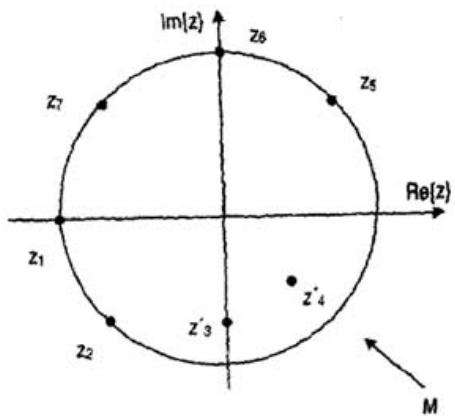


FIG. 10

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2218/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : A CONNECTOR MEANS

|                                               |                           |
|-----------------------------------------------|---------------------------|
| (51) International classification             | :E21B 43/013;<br>F16L1/26 |
| (31) Priority Document No                     | :2006 5367                |
| (32) Priority Date                            | :22/11/2006               |
| (33) Name of priority country                 | :Norway                   |
| (86) International Application No             | :PCT/NO2007/000412        |
| Filing Date                                   | :21/11/2007               |
| (87) International Publication No             | :WO 2008/063080           |
| (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)AKER SUBSEA AS

Address of Applicant :POSTBOKS 94, NO - 1325 LYSAKER  
Norway

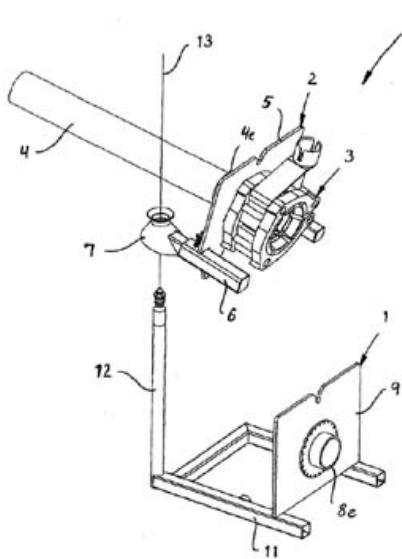
(72)Name of Inventor :

1)MØGEDAL, KNUT

2)OMVIK, SIGVARD

(57) Abstract :

A connector means (10; 20) for tie-in and connecting of a first pipeline and a second pipeline on the seabed is shown. The connector means comprises a first connector part (1; 1') retaining a first end of the first pipeline. The first connector part and the first pipeline are designed to be lowered and deployed on the seabed in advance of the connecting operation. A submersible second connector part (2; 2') that retains a second end of the second pipeline (4) is also included. The second connector part and the second pipeline are designed to be lowered from the surface of the water toward the first connector part (1; 1'). The connector parts (1,2; 1', 2') comprises means (6,11; 21, 22) that cooperate during relative motion between said connector parts, and is hinged tilting the second connector part (2,2') by means of forced motion, and thus aligning the second pipe end (4e, 4'e) in the direction toward the first pipe end (8e, 8'e) such that the first and second pipelines are brought to be in line with each other on the seabed. In addition a connector (3, 3') is arranged between the connector parts for final connection between the pipeline ends.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2219/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : FOLDING TABLE AND SEATING SYSTEM

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A47B 3/14         |
| (31) Priority Document No                     | :11/601,439        |
| (32) Priority Date                            | :17/11/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/084903 |
| Filing Date                                   | :16/11/2007        |
| (87) International Publication No             | :WO 2008/064097    |
| (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)SICO INCORPORATED**

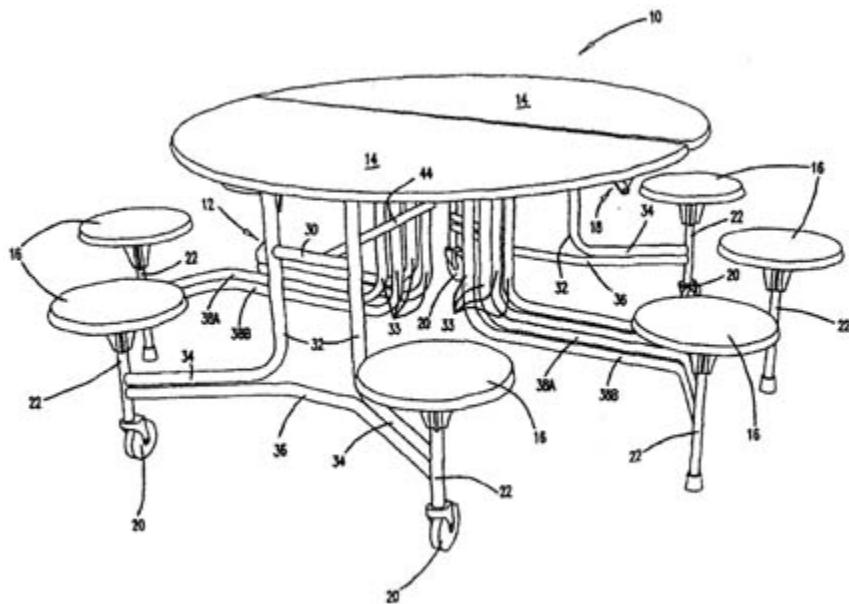
Address of Applicant :7525 CAHILL ROAD,  
MINNEAPOLIS, MINNESOTA 55439-2745 U.S.A.

(72)Name of Inventor :

**1)DICKEY, CHRISTOPHER C.**

(57) Abstract :

A folding table and seating apparatus has a generally oval shape and seating structures spaced around the periphery of the table. The folding table includes a pair of semicircular shaped tabletop sections folding along the straight edge of each section. A lock maintains the table in the unfolded position and is released by an end handle that extends downward from the center axis near the edges of the tabletop sections. The framework extends downward and out to eight stools, four stools spaced apart around the curving periphery of each tabletop section in a first seating configuration. In a second seating configuration, the framework supports four benches, two benches spaced apart around the curving periphery of each tabletop section. A support portion of the framework extends below each stool to provide spaced apart supports around the entire table or two legs extend downward from each bench. The benches and stools are interchangeable. The spacing of the pivot points of the benches provides for folding of the tabletop on a folding linkage without requiring the benches to slide relative to the framework.



No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2220/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : HAIRLINE CRACKED BROWN RICE AND PROCESSING METHOD THEREOF

(51) International classification

:A23L 1/10

(31) Priority Document No

:10-2006-0114916

(32) Priority Date

:21/11/2006

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2007/005796

Filing Date

:19/11/2007

(87) International Publication No

:WO 2008/062973

(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)SONG, JERNG-SIK**

Address of Applicant :DAERIM APT., 32-106, YEONHI-3-DONG, SEODAEMUN-GU, SEOUL 120-759 Republic of Korea

**2)SONG, CHAN-WOO**

**3)SONG, WON-KYUNG**

(72)Name of Inventor :

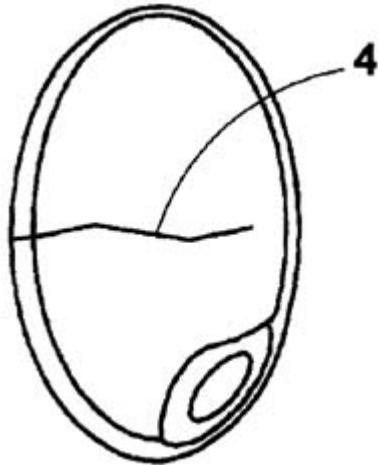
**1)SONG, JERNG-SIK**

**2)SONG, CHAN-WOO**

**3)SONG, WON-KYUNG**

(57) Abstract :

Hairline-cracked brown rice and a processing method thereof are provided, in which the brown rice is processed at room temperature with a simple method, and the brown rice has good mouth-feel like the polished rice and is easy to be cooked while maintaining its nutrients.



No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2221/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD, DEVICE AND SYSTEM FOR OPTIMIZING NETWORK ACCESSING OF VIRTUAL MEDIA GATEWAYS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04L 12/06        |
| (31) Priority Document No                     | :200610165896.4    |
| (32) Priority Date                            | :14/11/2007        |
| (33) Name of priority country                 | :China             |
| (86) International Application No             | :PCT/CN2007/003221 |
| Filing Date                                   | :14/11/2007        |
| (87) International Publication No             | :WO 2008/071060    |
| (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.

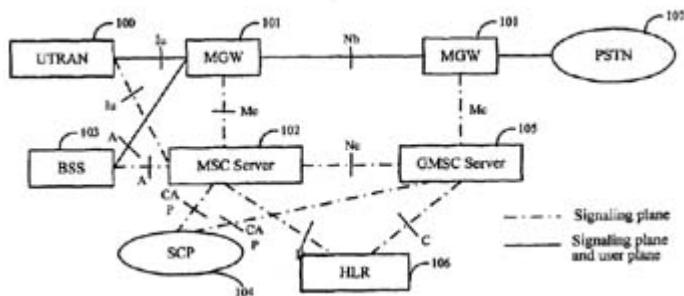
Address of Applicant :HUAWEI ADMINISTRATION  
BUILDING, BANTIAN, LONGGANG DISTRICT,  
SHENZHEN, GUANGDONG 518129 China

(72)Name of Inventor :

1)ZHU, HAOPENG

(57) Abstract :

A method for optimizing network accessing of virtual media gateways (VMGWs) is provided. The method solves the problems of waste of transcoder (TC) resources, waste of network transmission resources, and voice quality degradation in the prior art. The method is as follows: network entities controlling the VMGWs instruct the VMGWs in a same media gateway (MGW) to activate optimization of specific terminations in specific physical contexts, respectively; after determining that a connection relation exists between the specific physical contexts, the MGW directly connects the specific terminations. An MGW and a network system are provided.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2222/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD, TELEPHONE SYSTEM AND TELEPHONE TERMINAL FOR CALL SESSION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04M 11/00        |
| (31) Priority Document No                     | :200610124094.9    |
| (32) Priority Date                            | :06/10/2006        |
| (33) Name of priority country                 | :China             |
| (86) International Application No             | :PCT/CN2007/003383 |
| Filing Date                                   | :29/11/2007        |
| (87) International Publication No             | :WO 2008/067722    |
| (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  
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SHENZHEN, GUANGDONG PROVINCE 518129 China

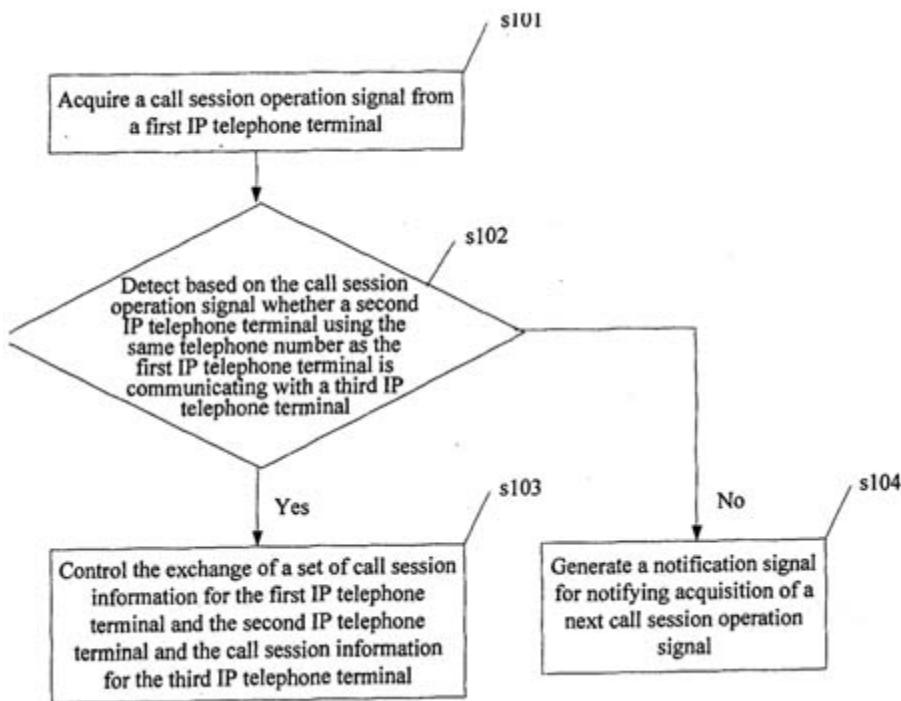
(72)Name of Inventor :

1)YANG, BO

2)XIE, SHUNFANG

(57) Abstract :

A method for call session is disclosed, including: receiving a call session operation signal from a first IP telephone terminal; detecting based on the call session operation signal whether a second IP telephone terminal using the same telephone number as the first IP telephone terminal is communicating with a third IP telephone terminal; and controlling the first IP telephone terminal and the second IP telephone terminal to exchange information with the third IP telephone terminal when detecting that the second IP telephone terminal is communicating with the third IP telephone terminal. A definition is added for implementation of the IP telephone terminal combination function in an IP telephone system so that IP telephone terminals can use the same telephone number to join or quit a call session for the combined terminals, and accordingly the user satisfaction may be enhanced. Also disclosed are an IP telephone system and an IP telephone terminal.



No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2224/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : APPLICATION OF LINEAR DICHROISM TO DETECTION OF BIOLOGICAL AND CHEMICAL MOLECULES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G01N 21/19        |
| (31) Priority Document No                     | :0622956.1         |
| (32) Priority Date                            | :17/11/2006        |
| (33) Name of priority country                 | :U.K.              |
| (86) International Application No             | :PCT/GB2007/004405 |
| Filing Date                                   | :19/11/2007        |
| (87) International Publication No             | :WO 2008/059280    |
| (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)UNIVERSITY OF BIRMINGHAM

Address of Applicant :EDGBASTON, BIRMINGHAM, B15  
2TT U.K.

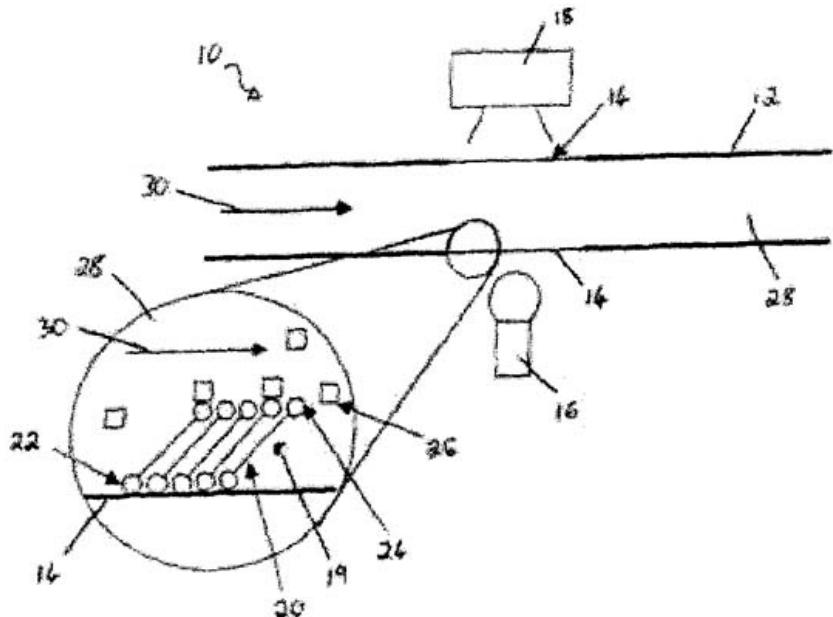
(72)Name of Inventor :

1)DAFFORN, TIMOTHY

2)HICKS, MATTHEW

(57) Abstract :

A molecular sensor (10) comprises a flow path (12) configured for flowing a solution (28) potentially containing a target molecule (26). A source of polarised light (16) is provided and a detector (18) arranged to receive light from the source after it has passed through the flow path. A sensor element (19) is provided comprising a scaffold moiety (20) with a high aspect ratio disposed, in use, within the flow path and a receptor moiety (24), for the target molecule, attached to the scaffold moiety. A method for sensing a target molecule in a flowing solution is also described.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/12/2008

(21) Application No.2225/KOL/2008 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : SHORT CIRCUIT PROTECTION DEVICE FOR ALTERNATOR

|                                               |                    |                                                                                                                                                                                 |
|-----------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H01H79/00         | (71) <b>Name of Applicant :</b><br><b>1)MOBILETRON ELECTRONICS CO., LTD.</b><br>Address of Applicant :NO. 269, TAYA ROAD, YUAN LIN<br>VILL., TAYA HSIANG, TAICHUNG HSIEN Taiwan |
| (31) Priority Document No                     | :96150954          |                                                                                                                                                                                 |
| (32) Priority Date                            | :28/12/2007        |                                                                                                                                                                                 |
| (33) Name of priority country                 | :Chinese<br>Taipei | (72) <b>Name of Inventor :</b><br><b>1)CHEN, CHIEN-WEN</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 :

A short circuit protection device for the protection of an alternator in which turning on/off a trigger switch causes conduction/cutoff of the field current of the field coil of the alternator is disclosed. The protection device enables the field current to pass through a sensor so that when the field current is abnormally high and the voltage drop across the sensor rises, the potential of an input end of a boost circuit electrically connected to the sensor correspondingly arises and an output end of the boost circuit electrically connected to a shutoff device drives the shutoff device to turn off the trigger switch, and the boost circuit further keeps the shutoff device in on-state to hold the trigger switch off till the short circuit condition is eliminated and the protection circuit system is reset.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2225/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD FOR SETTING CYCLIC SHIFT CONSIDERING FREQUENCY OFFSET

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04L 27/26        |
| (31) Priority Document No                     | :60/883,754        |
| (32) Priority Date                            | :05/01/2007        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/KR2008/000044 |
| Filing Date                                   | :04/01/2008        |
| (87) International Publication No             | :WO 2008/082262    |
| (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 105-875 Republic of Korea

(72)Name of Inventor :

1)HAN, SEUNG HEE

2)NOH, MIN SEOK

3)KWON, YEONG HYEON

4)LEE, HYUN WOO

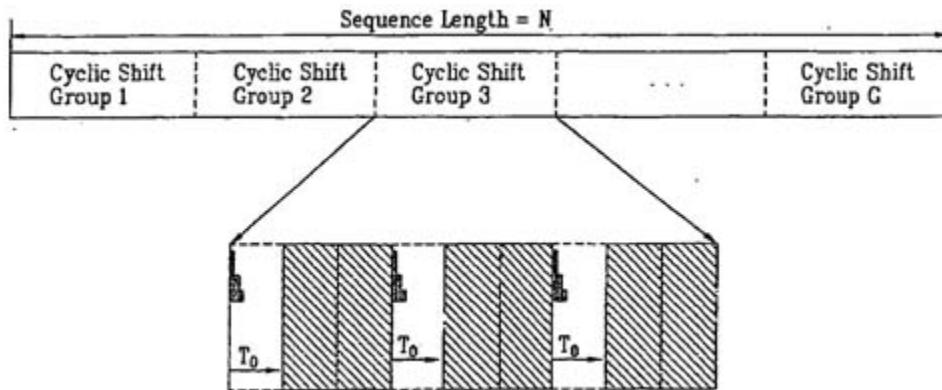
5)KIM, DONG CHEOL

6)KWAK, JIN SAM

7)VUJCIC, DRAGAN

(57) Abstract :

A method for establishing a cyclic shift sequence to provide against the frequency offset is disclosed. The method calculates a distance between a channel response position of the sequence and an alias channel response position caused by a frequency offset, calculates the number of cyclic shifts per group according to the calculated distance, and establishes the cyclic shift (CS)- applying interval. This method easily establishes a cyclic shift (CS) interval at a specific location having no overlapping by considering a channel response of a reception (Rx) sequence and an alias location of this reception (Rx) sequence, although a reception (Rx) signal is shifted by a channel delay spreading or a propagation delay irrespective of categories of a domain generating a sequence, so that it can greatly reduce the number of the detection errors and the false alarm rate. And, if a sequence of the cyclic shift (CS) is allocated to a cell having a frequency offset of more than a predetermined level, the present invention can minimize the influence of a frequency offset on a high-mobility cell.



No. of Pages : 124 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2210/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : POLYETHYLENE COMPOSITION FOR BLOW MOULDED TRANSPORT PACKAGING ARTICLES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C08L 23/06        |
| (31) Priority Document No                     | :06 027 117.8      |
| (32) Priority Date                            | :29/12/2006        |
| (33) Name of priority country                 | :EUROPEAN UNION    |
| (86) International Application No             | :PCT/EP2007/011295 |
| Filing Date                                   | :20/12/2007        |
| (87) International Publication No             | :WO 2008/080571    |
| (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)BOREALIS TECHNOLOGY OY**

Address of Applicant :P.O. BOX 330, FIN-06101 PORVOO  
Finland

(72)Name of Inventor :

**1)JOHANSEN, GEIR, MORTEN**

**2)VAN DAMME, JEAN PAUL**

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(57) Abstract :

The present invention relates to a polyethylene composition for blow moulded articles, in particular for transport packaging, houseware and thin wall packaging applications, preferably of less than 2 litres volume. Furthermore, the present invention relates to blow moulded articles comprising said composition and to the use of said composition for the production of blow moulded articles.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2211/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHODS AND DEVICES FOR ADAPTIVE RINGTONE GENERATION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04M 3/02         |
| (31) Priority Document No                     | :11/617,803        |
| (32) Priority Date                            | :29/12/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/081588 |
| Filing Date                                   | :17/10/2007        |
| (87) International Publication No             | :WO 2008/082741    |
| (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)MOTOROLA, INC.

Address of Applicant :1303 EAST ALGONQUIN ROAD,  
SCHAUMBURG, ILLINOIS 60196 U.S.A.

(72)Name of Inventor :

1)SCHUSTER, ADRIAN M.

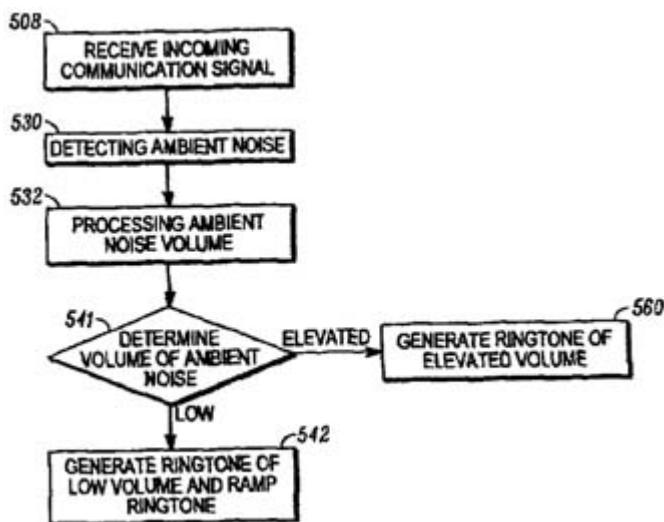
2)EVANS, CHRISTOPHER A.

3)VISITKITJAKARN, UKRIT

4)CLARK, JOEL ANTHONY

(57) Abstract :

Disclosed are methods and devices (102) for adapting a ringtone in accordance with ambient noise. The method includes processing an ambient noise signal to determine an ambient noise volume (532). When there is an incoming communication (508) and it is determined that the ambient noise has a low ambient noise volume (541), a method can include generating a ringtone having a ringtone volume that is initially a low volume and increasing the ringtone volume over a predetermined period of time (542). A method can include applying a filter to the ringtone signal to increase a signal-to-noise ratio (674), the filter configured to increase an amplitude of a frequency that is not one of the predominant frequencies of the ambient noise and that the transducer (110) is configured to output according to the transducer frequency response (422).



No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2212/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : FRICTION TRANSMISSION BELT

|                                               |                         |
|-----------------------------------------------|-------------------------|
| (51) International classification             | :F16G 1/00,C08K<br>7/22 |
| (31) Priority Document No                     | :PCT/JP2007/053987      |
| (32) Priority Date                            | :23/02/2007             |
| (33) Name of priority country                 | :Japan                  |
| (86) International Application No             | :PCT/JP2008/053344      |
| Filing Date                                   | :20/02/2008             |
| (87) International Publication No             | :WO 2008/102911         |
| (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)GATES UNITTA ASIA COMPANY

Address of Applicant :4-26 SAKURAGAWA 4-CHOME,  
NANIWA-KU, OSAKA-SHI, OSAKA 556-0022 Japan

(72)Name of Inventor :

1)FURUKAWA, SATOSHI

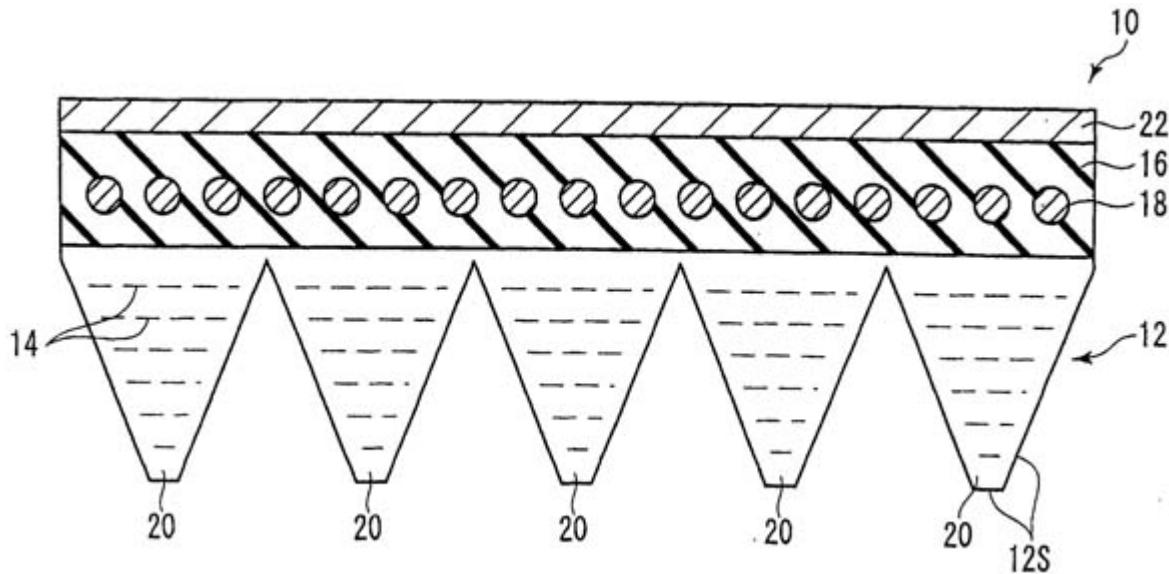
2)KOJIMA, TOSHIHIKO

3)IWAKIRI, TAKASHI

4)YAMAMOTO, KAZUMA

(57) Abstract :

A V-ribbed belt 10 includes a bottom rubber layer 12, an adhesive rubber layer 16, and a fabric 22. The bottom rubber layer 12 includes short fibers 14, a part of which protrude from the friction surface 12S of the bottom rubber layer 12. In the bottom rubber layer 12, an FEF carbon black with an average nitrogen adsorption surface area (ASTM D1765-01) of below 49 (m<sup>2</sup>/g), is used as a reinforcement. Therefore, the friction surface 12S of the bottom rubber layer 12 is slightly uneven, thus preventing the generation of an abnormal noise under usage of the V-ribbed belt 10. Further, after the short fibers 14 protruding from the friction surface 12S of the bottom rubber layer 12 have worn down, the unevenness of the friction surface 12S can be properly maintained by using such a carbon black, so that abnormal noise can be prevented.



No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2213/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : USER EQUIPMENT AND METHOD USED IN MOBILE COMMUNICATION SYSTEM

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04Q 7/38         |
| (31) Priority Document No                     | :2007-000807       |
| (32) Priority Date                            | :05/01/2007        |
| (33) Name of priority country                 | :Japan             |
| (86) International Application No             | :PCT/JP2007/074954 |
| Filing Date                                   | :26/12/2007        |
| (87) International Publication No             | :WO 2008/081816    |
| (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)NTT DOCOMO, INC.

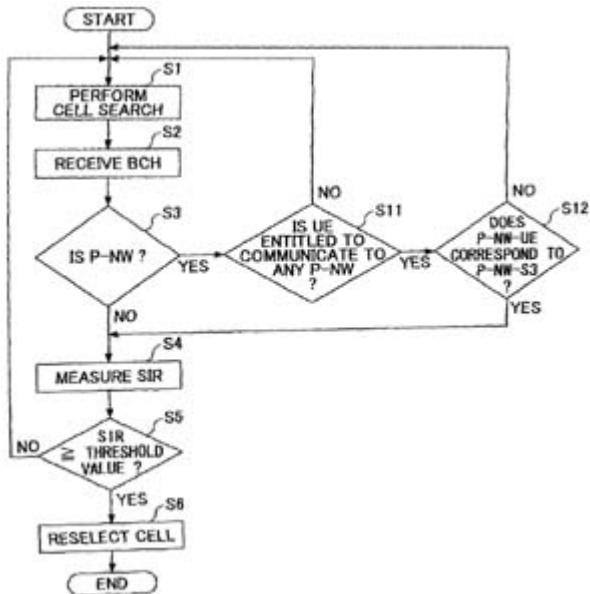
Address of Applicant :11-1, NAGATACHO 2-CHOME,  
CHIYODA-KU, TOKYO 1006150 Japan

(72)Name of Inventor :

1)IWAMURA, MIKIO

(57) Abstract :

A user device comprises means for identifying the TA of the visited cell on the basis of the report information, judging means for judging whether or not the user device is permitted to carry out communication in a P-NW if the identified TA is for P-NW, and means for transmitting a signal for requesting to update the TA to the one for P-NW to the base station of the visited cell if communication in the P-NW is permitted. The judging means judges whether or not the identified TA is for P-NW by checking common identification information common to P-NWs among information included in the report information, and judges whether the communication is permitted by checking if the P-NW to which the visited cell belongs is the same as the P-NW in which communication by the user device is permitted.



No. of Pages : 54 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2009

(21) Application No.2214/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : A METHOD AND NOISE SUPPRESSION CIRCUIT INCORPORATING A PLURALITY OF NOISE SUPPRESSION TECHNIQUES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G10L 21/00        |
| (31) Priority Document No                     | :60/882,926        |
| (32) Priority Date                            | :30/12/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/083906 |
| Filing Date                                   | :07/11/2007        |
| (87) International Publication No             | :WO 2008/082793    |
| (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)MOTOROLA, INC.

Address of Applicant :1303 EAST ALGONQUIN ROAD,  
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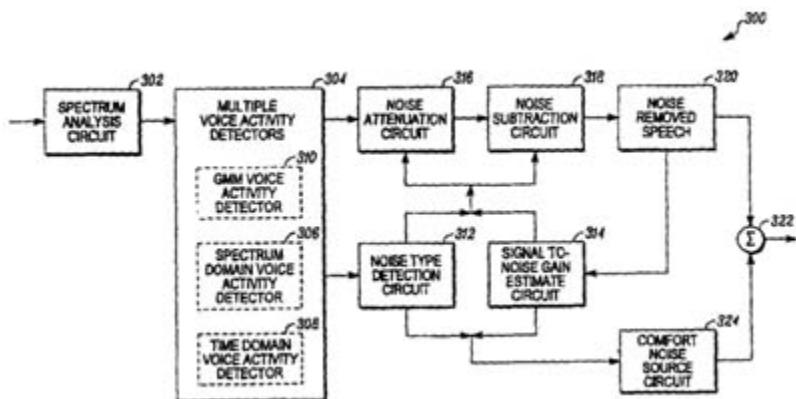
(72)Name of Inventor :

1)SONG, JIANMING, J.

2)CLARK JOEL A.

(57) Abstract :

A noise suppression circuit for use in an audio signal processing circuit is provided. The noise suppression circuit includes a plurality of different types of noise activity detectors, which are each adapted for detecting the presence of a different type of noise in a received signal. The noise suppression circuit further includes a 10 plurality of different types of noise reduction circuits, which are each adapted for removing a different type of detected noise, where each noise reduction circuit respectively corresponds to one of the plurality of noise activity detectors. The respective noise reduction circuit is then selectively activated to condition the received signal to reduce the amount of the detected types of noise, when each one of 15 the plurality of noise activity detectors detects the presence of a corresponding type of noise in the received signal.



No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2231/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD AND DEVICE FOR REMOVING SOLIDS DEPOSITED ON A PIPE BOTTOM

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :F22B 37/52        |
| (31) Priority Document No                     | :102006057734.5    |
| (32) Priority Date                            | :07/12/2006        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2007/010060 |
| Filing Date                                   | :21/11/2007        |
| (87) International Publication No             | :WO 2008/067908    |
| (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)UHDE GMBH

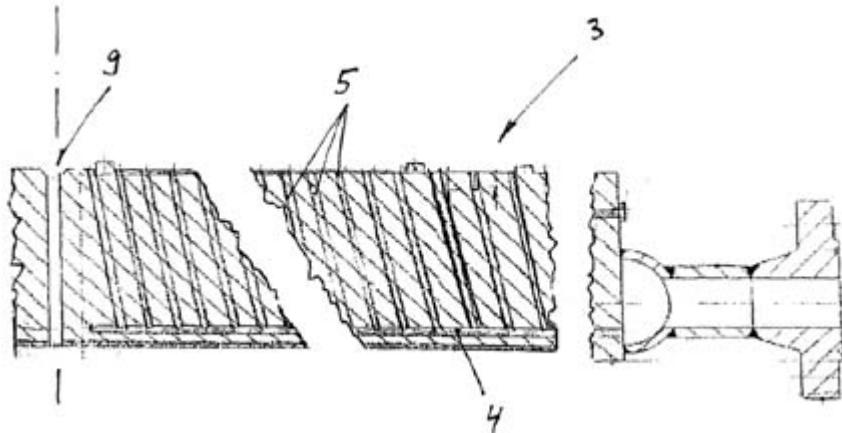
Address of Applicant :FRIEDRICH-UHDE-STRASSE 15,  
44141 DORTMUND Germany

(72)Name of Inventor :

1)MICHEL, REINHARD

(57) Abstract :

(EN) Disclosed is a method for removing solids deposited especially on a pipe bottom of a vertical waste heat boiler with the help of the cooling water that is used. The aim of the invention is to be able to generate a predetermined solid-removing flow above the pipe bottom in order to simplify the design and create an optimum cleaning effect. Said aim is achieved by a plurality of cooling bores which are arranged at an angle to the vertical line, are introduced into the pipe bottom, and generate a positive flow of the cooling water in the region of the pipe bottom surface.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2232/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : AMMONIA CONVERTER

|                                               |                         |
|-----------------------------------------------|-------------------------|
| (51) International classification             | :B01J 8/02,C01C<br>1/04 |
| (31) Priority Document No                     | :102006061847.5         |
| (32) Priority Date                            | :21/12/2006             |
| (33) Name of priority country                 | :Germany                |
| (86) International Application No             | :PCT/EP2007/010061      |
| Filing Date                                   | :21/11/2007             |
| (87) International Publication No             | :WO 2008/080453         |
| (61) Patent of Addition to Application Number | :NA<br>:NA              |
| Filing Date                                   | :NA                     |
| (62) Divisional to Application Number         | :NA<br>:NA              |

(71)Name of Applicant :

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Address of Applicant :FRIEDRICH-UHDE-STRASSE 15,  
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(72)Name of Inventor :

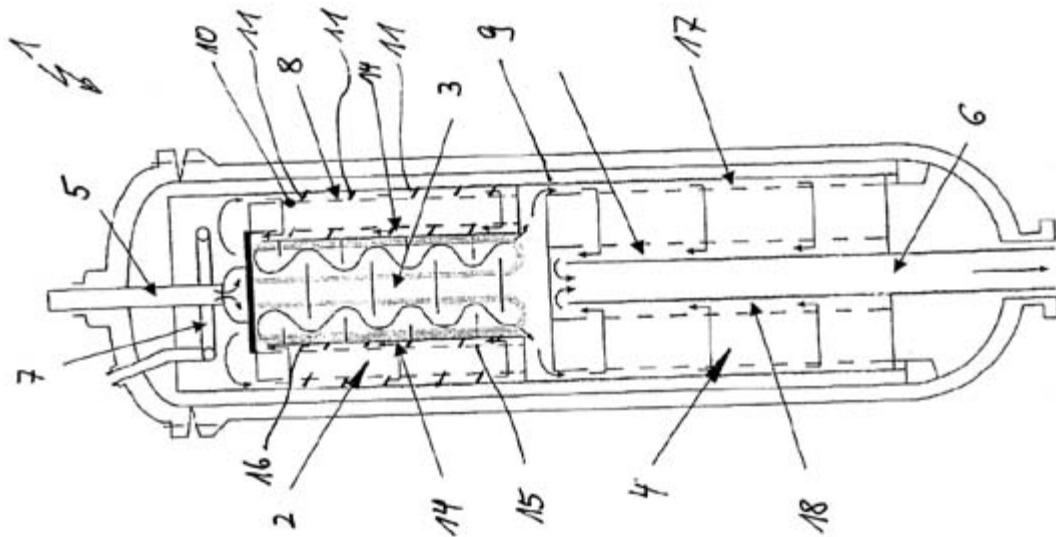
1)MICHEL, REINHARD

2)LIPPmann, DENNIS

3)JOHANNING, JOACHIM

(57) Abstract :

The invention relates to an ammonia converter (1) having at least one catalyst bed (2) through which gas flows substantially radially and which concentrically surrounds a heat exchanger (3). An outer and/or an inner ring chamber (8, 14) is located between the converter insert outer wall (9) and the outer cylinder casing (10) of the catalyst (2) and/or between the inner cylinder wall (15) of the catalyst (2) and a flow-guiding cylinder (16) which surrounds the heat exchanger tube. The most even possible flow through the catalyst bed and heat exchanger should be reached in such a way that the most even possible temperature results for the inflowing and outflowing gas flows over the circumference of the ammonia converter. This is achieved by providing at least one of the ring chambers (8, 14) with static mixers (11) for guiding the flow in a spiral manner through the ring chamber(s).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2233/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SYSTEMS, DEVICES AND METHODS FOR POWERING AND/OR CONTROLLING DEVICES, FOR INSTANCE TRANSDERMAL DELIVERY DEVICES

|                                                  |                                   |
|--------------------------------------------------|-----------------------------------|
| (51) International classification                | :A61N 1/30,A61N<br>1/08           |
| (31) Priority Document No                        | :60/868,317                       |
| (32) Priority Date                               | :01/12/2006                       |
| (33) Name of priority country                    | :U.S.A.                           |
| (86) International Application No<br>Filing Date | :PCT/US2007/085920<br>:29/11/2007 |
| (87) International Publication No                | :WO 2008/070524                   |
| (61) Patent of Addition to Application<br>Number | :NA                               |
| Filing Date                                      | :NA                               |
| (62) Divisional to Application Number            | :NA                               |
| Filing Date                                      | :NA                               |

(71)Name of Applicant :

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0002 Japan

(72)Name of Inventor :

1)CARTER, DARRICK

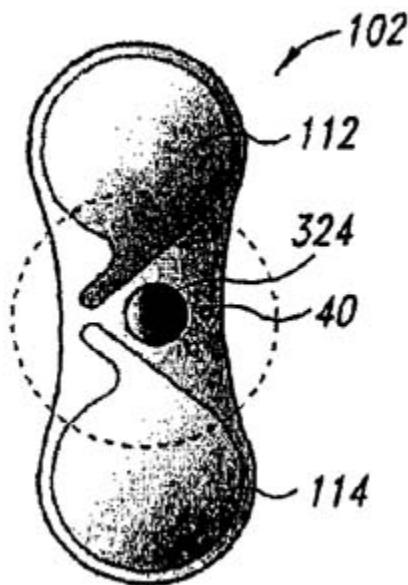
2)HOYT, JOSHUA, K.

3)THORNE, JAMES

4)SEITZ, FORREST

(57) Abstract :

Systems, devices, and methods for powering and/or controlling electrically-powered devices. A power supply system is operable to provide a voltage across at the active and the counter electrode assemblies of a transdermal delivery device. The system includes a power source and a magnetic coupling element for securing the power supply system to the electrically powered device. Power may be transferred inductively or through direct electrical connection between the power supply system and the electrically powered device. Coupling means are provided on the power supply systems and the electrically powered device for ensuring correct mechanical and electrical coupling.



No. of Pages : 99 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2234/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : FLUID MOTOR WITH IMPROVED BRAKING EFFECT

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :F01C 21/00        |
| (31) Priority Document No                     | :10 2006 061 854.8 |
| (32) Priority Date                            | :21/12/2006        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2007/011186 |
| Filing Date                                   | :19/12/2007        |
| (87) International Publication No             | :WO 2008/077561    |
| (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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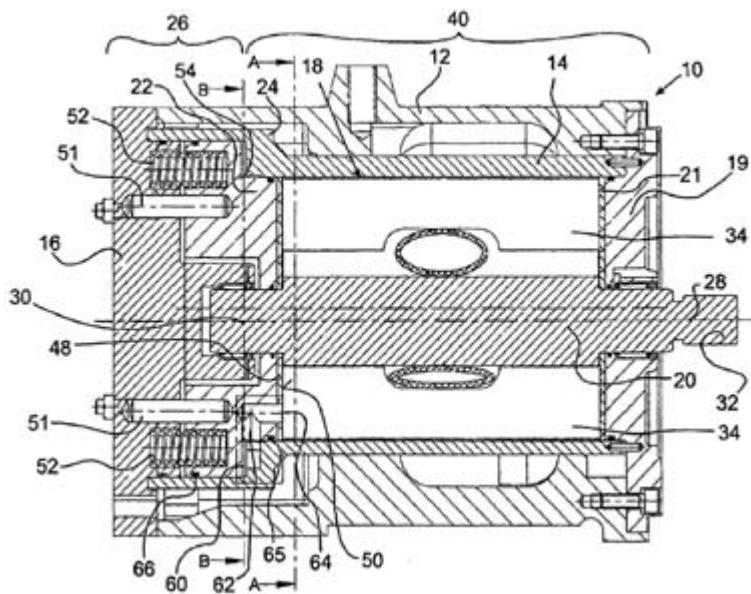
Germany

(72)Name of Inventor :

**1)PETERS, DIETER  
2)KREBS, PETER  
3)WIENDAHL, JOACHIM**

(57) Abstract :

The invention relates to a motor having an inner motor compartment (18). A rotatable rotor (20) can be driven by applying a pressure medium to it, wherein the pressure medium expands in a working region (40) of the motor compartment (18). A brake element (22) for braking the rotor (20) is disposed axially adjacent thereto. The brake element (22) and the rotor (20) are axially displaceable in relation to one another and form a spring-loaded friction pair (48, 50). In order to be able to achieve a higher braking effect due to stronger springs (52), a pressure chamber (60) is provided, the extension of which in the cross-section thereof is larger than the cross-sectional extension of the motor compartment (18) in the working region (40). The pressure chamber (60) is delimited axially at least on one side by the brake element (22). A pressure in the pressure chamber (60), and optionally between the brake element (22) and the adjacent face of the rotor (20), brings about a force for separating the friction pair (48, 50) counter to the spring force. The pressure chamber (60) is disposed such that the pressure medium reaches the pressure chamber (60) when it is applied to the motor (20).



No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2235/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : TRANSMIT DIVERSITY IN A WIRELESS COMMUNICATION SYSTEM

|                                               |                      |
|-----------------------------------------------|----------------------|
| (51) International classification             | :H04B 7/06,H04B 7/26 |
| (31) Priority Document No                     | :60/924,021          |
| (32) Priority Date                            | :26/04/2007          |
| (33) Name of priority country                 | :U.S.A.              |
| (86) International Application No             | :PCT/KR2008/002335   |
| Filing Date                                   | :24/04/2008          |
| (87) International Publication No             | :WO 2008/133439      |
| (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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Republic of Korea

(72)Name of Inventor :

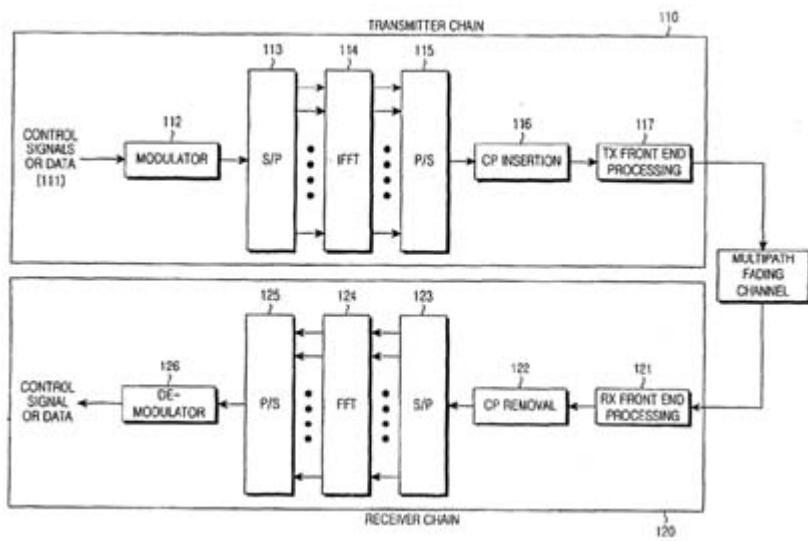
1)KHAN, FAROOQ

2)TSAI, JIANN-AN

3)ZHANG, JIANZHONG

(57) Abstract :

A method for transmitting data via multiple antennas by modulating data to be transmitted into a plurality of modulated symbols, encoding each pair of modulated symbols from said plurality of symbols in accordance with a transmission diversity to result in N by N matrices, with each N by N matrix corresponding to each pair of modulated symbols, generating a M by M code matrix comprised of the N by N matrices, orthogonally spreading the M by M code matrix to generate an output matrix, generating a plurality of row-permuted matrices by exchanging at least one pair of rows in the output matrix, and transmitting the symbols in the plurality of row-permuted matrices via a plurality of antennas by using either a space time transmission diversity, a space frequency transmission diversity, or a combination of a space time transmission diversity and a space frequency transmission diversity.



No. of Pages : 40 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2236/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING BROADCAST SERVICE DATA IN A DIGITAL BROADCASTING SYSTEM

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04N 7/00         |
| (31) Priority Document No                     | :10-2007-0037170   |
| (32) Priority Date                            | :16/04/2007        |
| (33) Name of priority country                 | :Republic of Korea |
| (86) International Application No             | :PCT/KR2008/002143 |
| Filing Date                                   | :16/04/2008        |
| (87) International Publication No             | :WO 2008/127071    |
| (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 :**

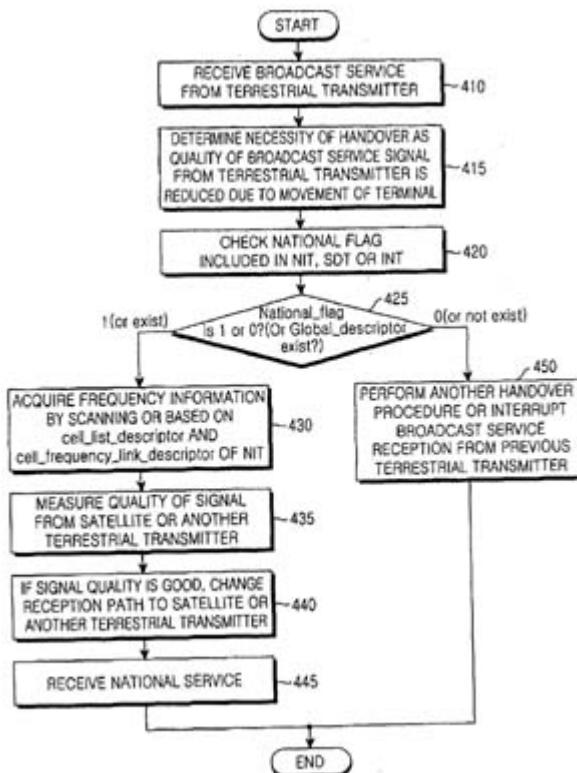
**1)XU, YILING**

**2)SONG, JAE-YEON**

**3)LEE, KOOK-HEUI**

**(57) Abstract :**

A system and method for transmitting broadcast service data in a digital broadcasting system. The method includes setting a flag indicating a service area representative of coverage where broadcast service data is provided, for each broadcast service; and transmitting broadcast service information including the flag and a Transport Stream (TS) including the broadcast service data.



No. of Pages : 48 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2237/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : FULLY AUTOMATED IRIS SEAL FOR HAND ASSISTED LAPAROSCOPIC SURGICAL PROCEDURES

(51) International classification

:A61B 17/34

(31) Priority Document No

:11/611,193

(32) Priority Date

:15/12/2006

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2007/087385

Filing Date

:13/12/2007

(87) International Publication No

:WO 2008/076801

(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)ETHICON ENDO-SURGERY, INC.**

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(72)Name of Inventor :

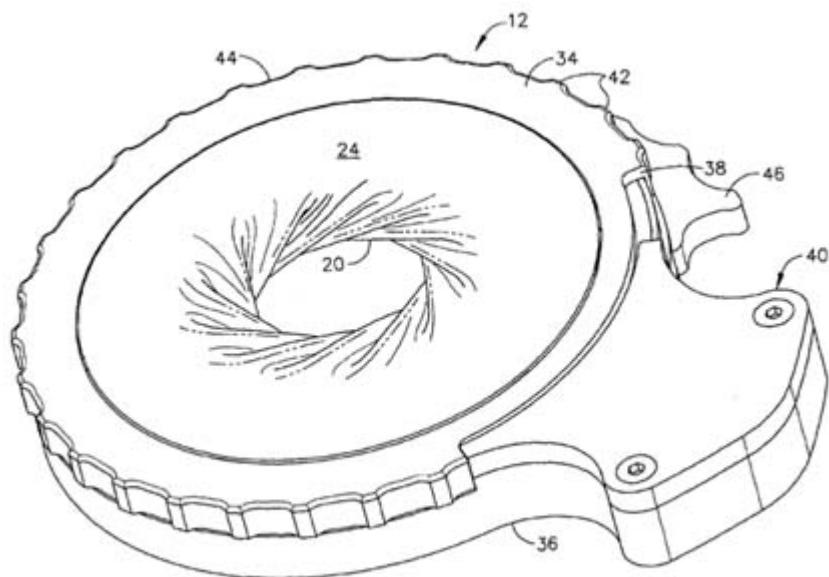
**1)ANDREW T. BECKMAN**

**2)PAUL T. FRANER**

**3)MICHAEL D. CRONIN**

(57) Abstract :

A laparoscopic device assembly provides a tubular diaphragm twist seal that responds to a slight rotation of an actuating ring in a first direction by coupling a motor spring power assisted rotation of a bottom circumference of the twist seal achieves a pneumatic seal in an adjustable access channel defined by the state of the twist seal for maintaining an insufflated body cavity for a hand assisted laparoscopic surgical procedure. A slight rotation of the actuating ring in an opposite second direction releases compression spring energy and energy in the twisted state of the twist seal so that an upper circumference of the twist seal is allowed to open the adjustable access channel.



No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2009

(21) Application No.2238/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : CALL CONNECTION METHOD, SYSTEM AND DEVICE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04M 3/42         |
| (31) Priority Document No                     | :200710187853.0    |
| (32) Priority Date                            | :19/11/2007        |
| (33) Name of priority country                 | :China             |
| (86) International Application No             | :PCT/CN2008/071013 |
| Filing Date                                   | :20/05/2008        |
| (87) International Publication No             | :WO 2009/065305    |
| (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.

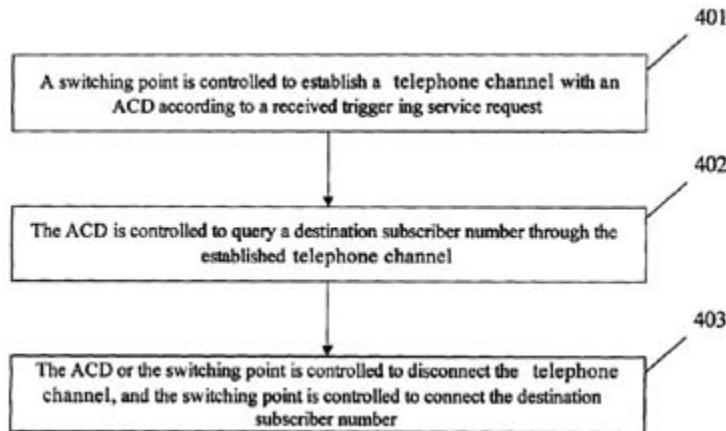
Address of Applicant :HUAWEI ADMINISTRATION  
BUILDING, BANTIAN, LONGGANG DISTRICT,  
SHENZHEN, GUANGDONG 518129 China

(72)Name of Inventor :

1)ZHANG, YONGWEI

(57) Abstract :

The present invention discloses a call connection method. The method includes: controlling a switching device to establish a telephone channel with an ACD according to a received triggering service request; controlling the ACD to obtain a destination subscriber number through the telephone channel; and controlling the ACD to disconnect the telephone channel and controlling the switching device to connect the destination subscriber number. The present invention further discloses a call connection system, a service control device, a switching device, and an ACD. Therefore, the problem of the circuitous telephone channel of the ACD in a subscriber call of a voice value-added service is solved.



No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2009

(21) Application No.2239/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD AND APPARATUS FOR IMPLEMENTING THE CNAP SERVICE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04M 3/42         |
| (31) Priority Document No                     | :200710188311.5    |
| (32) Priority Date                            | :16/11/2007        |
| (33) Name of priority country                 | :China             |
| (86) International Application No             | :PCT/CN2008/070896 |
| Filing Date                                   | :07/05/2008        |
| (87) International Publication No             | :WO 2009/062403    |
| (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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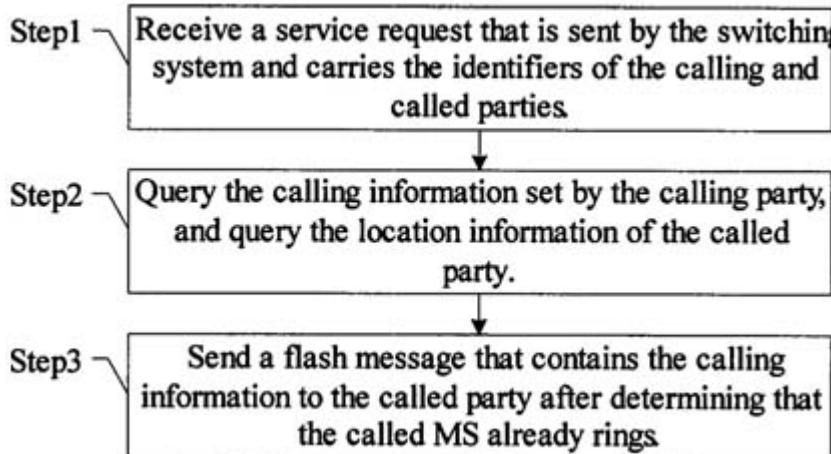
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(72)Name of Inventor :

1)ZHOU, WEN

(57) Abstract :

The present invention discloses a method for realizing the CNAP service, including: receiving a service request sent by the switching system, where the service request carries the identifier of the calling party and the identifier of the called party; querying the calling information set by the calling party according to the identifier of the calling party, and querying the location information of the called party according to the identifier of the called party; after determining that the called MS already rings, sending a flash message that contains the calling information to the called MS according to the location information of the called party. The present invention also provides a calling information service apparatus accordingly. The invention correlates the judging of the status of the call connection process with the time of implementing the CNAP service. Therefore, the calling information can be sent to the called MS at a proper time, thus helping the called party to identify the calling party correctly.



No. of Pages : 43 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2009

(21) Application No.2240/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : ANSAMYCIN FORMULATIONS AND METHODS OF USE THEREOF

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :G01N 21/25        |
| (31) Priority Document No                     | :60/874,349        |
| (32) Priority Date                            | :12/12/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/025317 |
| Filing Date                                   | :11/12/2007        |
| (87) International Publication No             | :WO 2008/073424    |
| (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)AUSTAD, BRIAN, C.

2)GRENIER LOUIS

3)HOLSON EDWARD B.

4)LEE, JOHN, J.

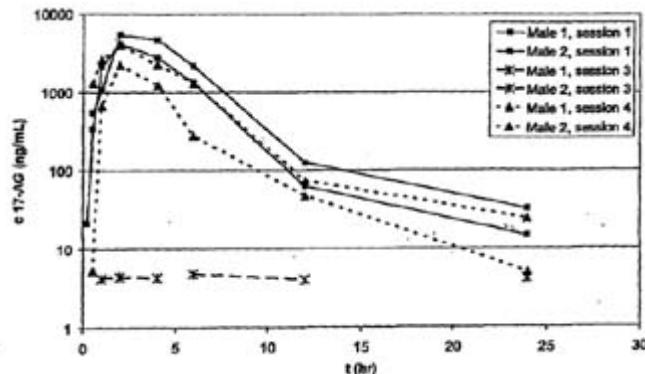
5)PAK, ROGER, H.

6)PORTER, JAMES, R.

7)WRIGHT, JAMES, L.

(57) Abstract :

Provided herein, inter alia, are solid forms of geldanamycin analogs, pharmaceutical compositions comprising a geldanamycin analog and a crystallization inhibitor, methods of making and using such compositions. Additionally, provided are methods for the treatment of cancer, a neoplastic disease state and/or a hyperproliferative disorder, and methods of inhibiting Heat Shock Protein 90 ("Hsp90").



No. of Pages : 128 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2009

(21) Application No.2241/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : ANTIBACTERIAL SHEET AND ABSORBENT ARTICLE

|                                               |                          |
|-----------------------------------------------|--------------------------|
| (51) International classification             | :A01N 25/10,A61F<br>5/44 |
| (31) Priority Document No                     | :2006-335936             |
| (32) Priority Date                            | :13/12/2006              |
| (33) Name of priority country                 | :Japan                   |
| (86) International Application No             | :PCT/JP2007/073148       |
| Filing Date                                   | :30/11/2007              |
| (87) International Publication No             | :WO 2008/072487          |
| (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)UNICHARM CORPORATION**

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(72)Name of Inventor :

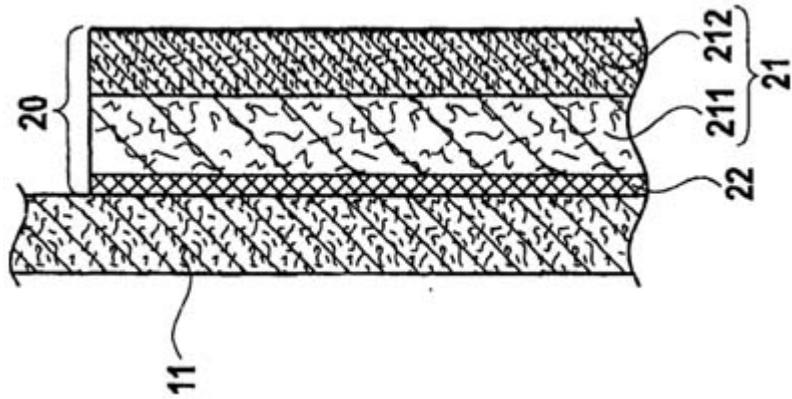
**1)YOSHIMASA, WATARU**

**2)SAKAGUCHI, SATORU**

**3)HISANAKA, TAKAYUKI**

(57) Abstract :

Disclosed is an antibacterial sheet comprising an antibacterial composition and a sheet-like base material having the antibacterial composition attached thereto, wherein the antibacterial composition comprises a thermoplastic water-soluble polymer which takes a solid form at ambient temperature and can be dissolved in a body fluid and an antibacterial agent.



No. of Pages : 34 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2009

(21) Application No.2242/KOLNP/2009 A

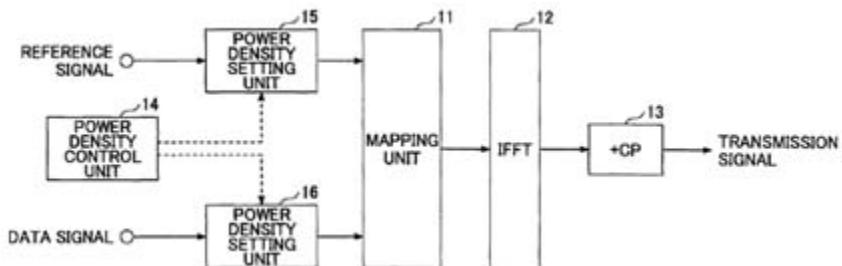
(43) Publication Date : 03/07/2009

(54) Title of the invention : TRANSMITTING DEVICE, RECEIVING DEVICE, AND METHOD USED IN MOBILE COMMUNICATION SYSTEM EMPLOYING OFDM

|                                                                 |                                   |                                                                                   |
|-----------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------|
| (51) International classification                               | :H04B 7/26, H04J 1/00             | (71)Name of Applicant :                                                           |
| (31) Priority Document No                                       | :2007-001858                      | 1)NTT DOCOMO, INC.                                                                |
| (32) Priority Date                                              | :09/01/2007                       | Address of Applicant :11-1, NAGATACHO 2-CHOME,<br>CHIYODA-KU, TOKYO 1006150 Japan |
| (33) Name of priority country                                   | :Japan                            | (72)Name of Inventor :                                                            |
| (86) International Application No<br>Filing Date                | :PCT/JP2007/075169<br>:27/12/2007 | 1)KISHIYAMA, YOSHIHISA<br>2)HIGUCHI, KENICHI<br>3)SAWAHASHI, MAMORU               |
| (87) International Publication No                               | :WO 2008/084719                   |                                                                                   |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |                                                                                   |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |                                                                                   |

(57) Abstract :

A transmitting device includes a transmission signal generating unit configured to generate a transmission signal by inverse-Fourier-transforming reference signals and data signals mapped to subcarriers and a transmitting unit configured to wirelessly transmit the transmission signal. In the transmitting device, a total power level allocated to signals to be transmitted in a time slot is equal to a total power level allocated to signals to be transmitted in any other time slot, and a power density per unit bandwidth of the reference signals is greater than a power density per unit bandwidth of the data signals. This configuration makes it possible to equalize the total transmission power level of all time slots and thereby to improve the power amplification efficiency. Also, with this configuration, since the reference signals are transmitted with a higher power than that for other signals, it is possible to improve the accuracy of channel estimation.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2009

(21) Application No.2243/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : ELECTRODE FOR CELL OF ENERGY STORAGE DEVICE

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H01M 2/14         |
| (31) Priority Document No                     | :11/561,077        |
| (32) Priority Date                            | :17/11/2006        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/024268 |
| Filing Date                                   | :19/11/2007        |
| (87) International Publication No             | :WO 2008/133657    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

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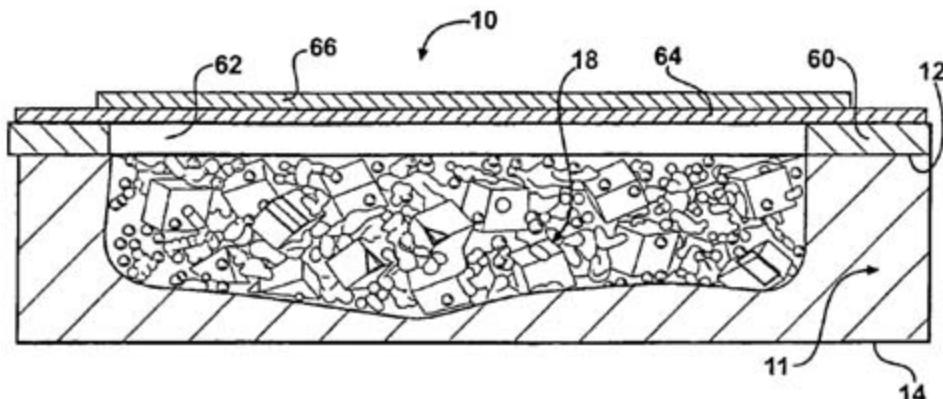
(72)Name of Inventor :

1)KALYNUSHKIN, YEVGEN

2)NOVAK, PETER

(57) Abstract :

A method of the present invention is used for the high-rate deposition of materials, such as carbon, silicon, metals, metal oxides, and the like, onto a metal substrate defined by a metal current collector. The particles of the material are mixed with fluid and are injected against the metal tape at high pressure and high velocity. The particles of the material form an active layer of the metal current collector. The metal current collector is used as a cathode or an anode combined with a separator to form a cell of a secondary battery, metal-ceramic membranes, film composite metal-ceramic materials for electronic devices.



No. of Pages : 38 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2009

(21) Application No.2244/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : A SYSTEM METHOD FOR USING PRE-EQUILIBRIUM BALLISTIC CHARGE CARRIER REFRACTION

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H01L 21/00        |
| (31) Priority Document No                     | :60/883,748        |
| (32) Priority Date                            | :05/01/2007        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/US2007/088972 |
| Filing Date                                   | :27/12/2007        |
| (87) International Publication No             | :WO 2008/085757    |
| (61) Patent of Addition to Application Number | :NA                |
| Filing Date                                   | :NA                |
| (62) Divisional to Application Number         | :NA                |
| Filing Date                                   | :NA                |

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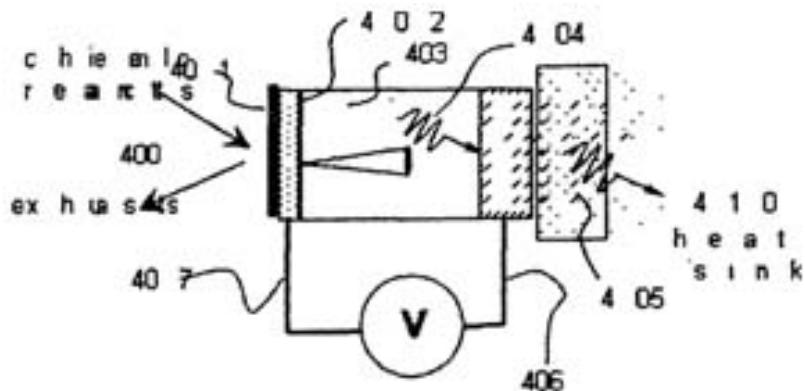
(72)Name of Inventor :

1)ZUPPERO, ANTHONY C.

2)GIDWANI, JAWAHAR

(57) Abstract :

A method and system for using a method of pre-equilibrium ballistic charge carrier refraction comprises fabricating one or more solid-state electric generators. The solid-state electric generators include one or more of a chemically energized solid-state electric generator and a thermionic solid-state electric generator. A first material having a first charge carrier effective mass is used in a solid-state junction. A second material having a second charge carrier effective mass greater than the first charge carrier effective mass is used in the solid-state junction. A charge carrier effective mass ratio between the second effective mass and the first effective mass is greater than or equal to two.



No. of Pages : 50 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2009

(21) Application No.2245/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : A COMPOUND

|                                                   |                                   |
|---------------------------------------------------|-----------------------------------|
| (51) International classification                 | :C07D215/233;<br>C07D471/04       |
| (31) Priority Document No                         | :60/487443                        |
| (32) Priority Date                                | :14/07/2003                       |
| (33) Name of priority country                     | :U.S.A.                           |
| (86) International Application No<br>Filing Date  | :PCT/AU2007/001712<br>:01/04/2005 |
| (87) International Publication No                 | :WO 2004/091657                   |
| (61) Patent of Addition to Application<br>Number  | :NA                               |
| Filing Date                                       | :NA                               |
| (62) Divisional to Application Number<br>Filed on | :1105/KOLNP/2004<br>:01/02/2001   |

(71)Name of Applicant :

1)ARENA PHARMACEUTICALS, INC.

Address of Applicant :6166 NANCY RIDGE DRIVE, SAN DIEGO, CA 92121 U.S.A.

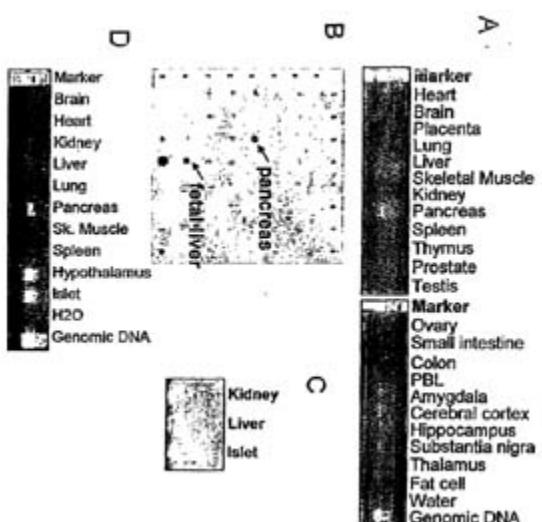
(72)Name of Inventor :

- 1)JONES ROBERT M
- 2)SEMPLE GRAEME
- 3)XIONG YIFENG
- 4)SHIN YOUNG-JUN
- 5)REN ALBERT S
- 6)CALDERON IMELDA
- 7)FIORAVANTI BEATRIZ
- 8)CHOI JIN SUN KAROLINE
- 9)SAGE CARLTON R

(57) Abstract :

The instant invention relates to certain fused aryl and heteroaryl derivatives of Formula (I) that are modulators of metabolism. Accordingly, compounds of the present invention are useful in the prophylaxis or treatment of metabolic disorders and complications thereof, such as, diabetes and obesity.

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No. of Pages : 363 No. of Claims : 145

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2009

(21) Application No.2246/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : BICYCLIC PYRIMIDINONES AND USES THEREOF

|                                                  |                                   |
|--------------------------------------------------|-----------------------------------|
| (51) International classification                | :C07D 239/70                      |
| (31) Priority Document No                        | :2006907283                       |
| (32) Priority Date                               | :22/12/2006                       |
| (33) Name of priority country                    | :Australia                        |
| (86) International Application No<br>Filing Date | :PCT/AU2007/001980<br>:21/12/2007 |
| (87) International Publication No                | :WO 2008/077188                   |
| (61) Patent of Addition to Application<br>Number | :NA                               |
| Filing Date                                      | :NA                               |
| (62) Divisional to Application Number            | :NA                               |
| Filing Date                                      | :NA                               |

(71)Name of Applicant :

1)AVEXA LIMITED

Address of Applicant :576 SWAN STREET, RICHMOND,  
VIC 3121 Australia

(72)Name of Inventor :

1)JONES, ERIC, DALE

2)COATES, JONATHAN, ALAN, VICTOR

3)RHODES, DAVID, IAN

4)DEADMAN, JOHN, JOSEPH

5)VANDEGRAFF, NICHOLAS, ANDREW

6)WINFIELD, LISA, JANE

7)THIENTHONG, NEERANAT

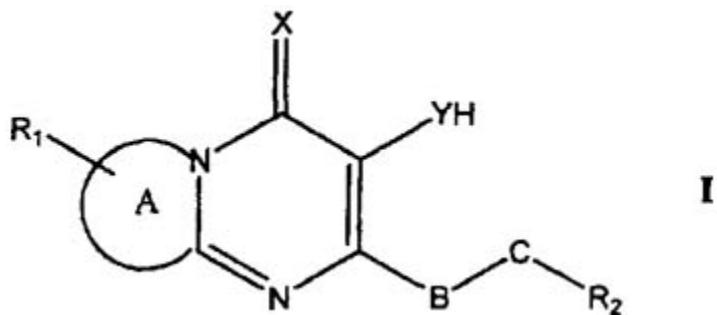
8)ISSA, WILLIAM

9)CHOI, NEIL

10)MACFARLANE, KATHERINE

(57) Abstract :

The present invention provides a compound of Formula I or a pharmaceutically acceptable derivative, salt or prodrug thereof- Further provided is a method of treatment or prophylaxis of a viral infection in a subject comprising administering to said subject an effective amount of a compound of Formula I or a pharmaceutically acceptable, derivative, salt or prodrug thereof. A pharmaceutical composition or medicament comprising a compound of Formula I is also provided.



No. of Pages : 166 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2009

(21) Application No.2247/KOLNP/2009 A

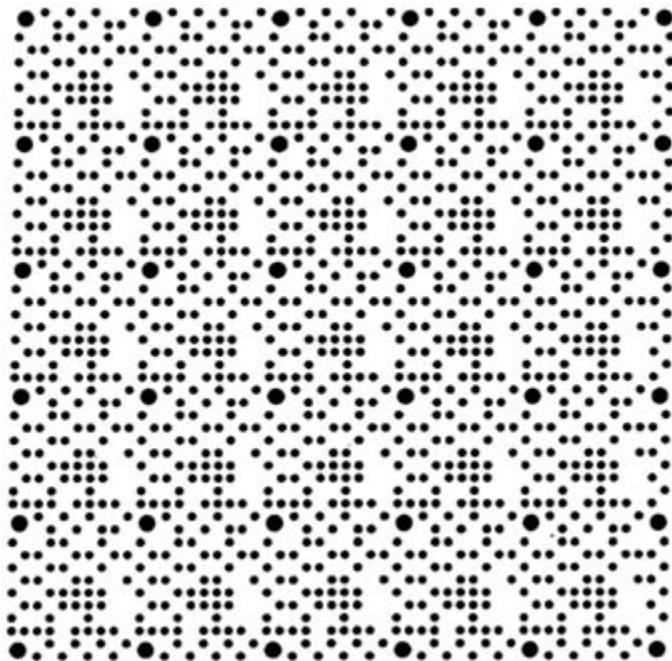
(43) Publication Date : 03/07/2009

(54) Title of the invention : TWO-DIMENSIONAL CODE AND ITS DECODING METHOD, AND THE PRINTING PUBLICATION USING THIS TWO-DIMENSIONAL CODE

|                                                                 |                                   |                                                                                                                                                                                                                         |
|-----------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                               | :G06K 19/06,G06K<br>9/18          | (71) <b>Name of Applicant :</b><br><b>1)SHENZHEN MPR TECHNOLOGY CO., LTD</b><br>Address of Applicant :8/F, FULIN LOGISTICS BUILDING,<br>NO. 21 SHIHUA ROAD, FUTIAN FREE TRADE ZONE,<br>SHENZHEN GUANGDONG, 518038 China |
| (31) Priority Document No                                       | :200610156879.4                   |                                                                                                                                                                                                                         |
| (32) Priority Date                                              | :16/11/2006                       |                                                                                                                                                                                                                         |
| (33) Name of priority country                                   | :China                            |                                                                                                                                                                                                                         |
| (86) International Application No<br>Filing Date                | :PCT/CN2007/070917<br>:17/10/2007 | (72) <b>Name of Inventor :</b><br><b>1)LV, YINGFENG</b><br><b>2)LI, ZHENGFANG</b><br><b>3)GU, GUANGYI</b><br><b>4)ZHANG, WEI</b>                                                                                        |
| (87) International Publication No                               | :WO 2008/058480                   |                                                                                                                                                                                                                         |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |                                                                                                                                                                                                                         |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |                                                                                                                                                                                                                         |

(57) Abstract :

A two-dimensional code, a decoding method thereof and the printing publication for applying the two-dimensional code. The area of the positioning points located at the four corners of the code in the two-dimensional code characters is larger than that of the data points. The two-dimensional code is printed on the printing publication to be identified by the device. The decoding method comprises the following steps of: reading the two-dimensional code by using a reading device; detecting the margin of each point to obtain the margin image; parsing the margin image to obtain the closed border; computing the area within the closed border in order to select the positioning points; matching the positioning points in the rectangle mode; grouping the data points after selecting one separate code character; reconstructing the array of data points; and recovering the code words.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2009

(21) Application No.2248/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : METHOD FOR DEPOSTING A THIN LAYER AND PRODUCT THUS OBTAINED

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C03C 17/09        |
| (31) Priority Document No                     | :0752550           |
| (32) Priority Date                            | :05/01/2007        |
| (33) Name of priority country                 | :France            |
| (86) International Application No             | :PCT/FR2008/050009 |
| Filing Date                                   | :04/01/2008        |
| (87) International Publication No             | :WO 2008/096089    |
| (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 :18, AVENUE D'ALSACE, F-92400 COURBEVOIE France

(72)Name of Inventor :

**1)NADAUD, NICOLAS**

**2)KHARCHENKO, ANDRIY**

**3)BILLERT, ULRICH**

**4)GY, RENÉ**

(57) Abstract :

One subject of the invention is a process for the treatment of at least one thin continuous film deposited on a first side of a substrate, characterized in that said at least one thin film is raised to a temperature of at least 300°C while maintaining a temperature not exceeding 150°C on the opposite side of said substrate to said first side, so as to increase the degree of crystallization of said thin film while keeping it continuous and without a step of melting said thin film. Another subject of the invention is the material that can be obtained by this process.

No. of Pages : 43 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2009

(21) Application No.2249/KOLNP/2009 A

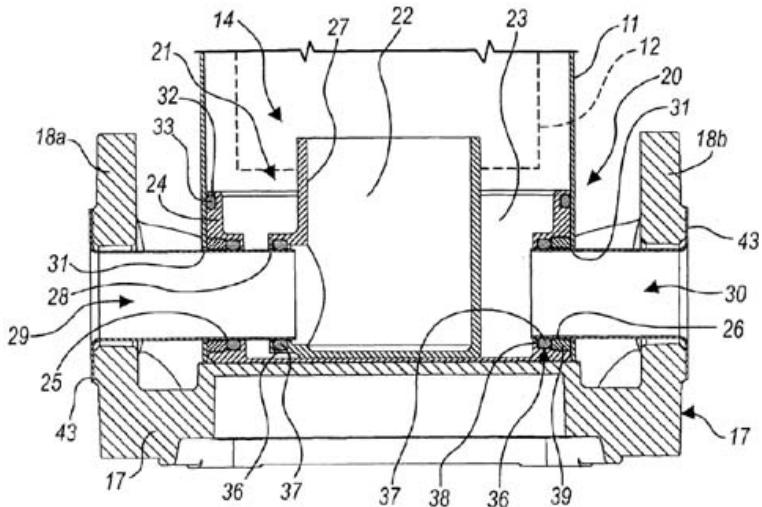
(43) Publication Date : 03/07/2009

(54) Title of the invention : HYDRAULIC PUMP

|                                               |                       |                                                                    |
|-----------------------------------------------|-----------------------|--------------------------------------------------------------------|
| (51) International classification             | :F04D 1/06,F04D 29/42 | (71)Name of Applicant :                                            |
| (31) Priority Document No                     | :PD2006A000449        | 1)DAB PUMPS S.P.A.                                                 |
| (32) Priority Date                            | :14/12/2006           | Address of Applicant :VIA MARCO POLO, 14 I-35035<br>MESTRINO Italy |
| (33) Name of priority country                 | :Italy                | (72)Name of Inventor :                                             |
| (86) International Application No             | :PCT/EP2007/063242    | 1)FRANCESCO SINICO                                                 |
| Filing Date                                   | :04/12/2007           | 2)ANDERS LYKKEGAARD MOLLER                                         |
| (87) International Publication No             | :WO 2008/071592       |                                                                    |
| (61) Patent of Addition to Application Number | :NA                   |                                                                    |
| Filing Date                                   | :NA                   |                                                                    |
| (62) Divisional to Application Number         | :NA                   |                                                                    |
| Filing Date                                   | :NA                   |                                                                    |

(57) Abstract :

A hydraulic pump (10), of the type which comprises a jacket (11) for containing an impeller assembly (12), which is closed at its ends respectively by a closure head (13) and by a pump body (14) for connection to the hydraulic system. The pump body (14) comprises a footing (17) from which two mutually opposite flanges (18a, 18b) for fixing the pump to the hydraulic system protrude monolithically with respect to the footing (17). A box-like body (21) is arranged on the footing (17) and forms internally two mutually isolated chambers (22, 23) which are open upward, respectively a first chamber (22) for sending fluid into the impeller assembly (12) and a second chamber (23) for collecting the fluid that arrives from the impeller assembly (12). The pump body (14) further comprises two sleeves (29, 30), a first intake sleeve (29), which protrudes from the first chamber (22) and is associated at one end with a first one (18a) of the flanges, and a second delivery sleeve (30), which protrudes from the second chamber (23) and is associated at one end with the second (18b) of the flanges. The space formed by the contour of the footing (17) which is comprised between the jacket (11) and the flanges (18a, 18b) and is occupied by the sleeves (29, 30) is open upward.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2250/KOLNP/2009 A

(19) INDIA

(22) Date of filing of Application :16/06/2009

(43) Publication Date : 03/07/2009

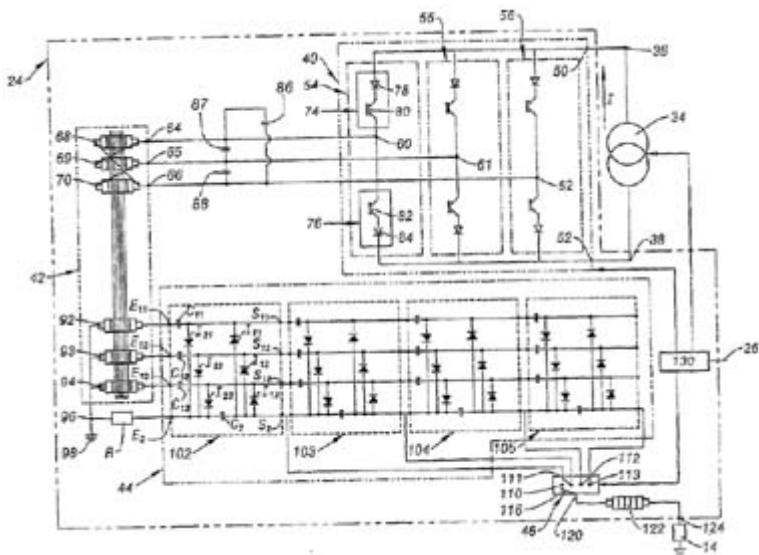
(54) Title of the invention : A HIGH DC VOLTAGE GENERATOR AND METHOD OF GENERATION AND A DUST PRECIPITATOR USING THE GENERATOR

|                                               |                      |                                                                                                                            |
|-----------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H02M 3/28,H02M 7/10 | (71)Name of Applicant :<br>1)SAMES TECHNOLOGIES<br>Address of Applicant :13 CHEMIN DE MALACHER ZIRST F-38240 MEYLAN France |
| (31) Priority Document No                     | :07 00074            |                                                                                                                            |
| (32) Priority Date                            | :08/01/2007          |                                                                                                                            |
| (33) Name of priority country                 | :France              |                                                                                                                            |
| (86) International Application No             | :PCT/FR2008/000019   | (72)Name of Inventor :<br>1)THOME, CARYL                                                                                   |
| Filing Date                                   | :07/01/2008          |                                                                                                                            |
| (87) International Publication No             | :WO 2008/099087      |                                                                                                                            |
| (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 direct-current high-voltage generator that comprises: current unidirectional switches (74,76); a driver unit (130) capable of controlling the switching operation from an on-state to an off-state of a switch (74) only when a switch connected in parallel is in the on-state.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2009

(21) Application No.2251/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : SYNTHESIS OF UNSATURATED PIPERIDINES FROM PIPERIDONES WITH A SILYL REAGENT

|                                               |                            |
|-----------------------------------------------|----------------------------|
| (51) International classification             | :A61K 31/445;<br>A01N43/40 |
| (31) Priority Document No                     | :60/875,926                |
| (32) Priority Date                            | :20/12/2006                |
| (33) Name of priority country                 | :U.S.A.                    |
| (86) International Application No             | :PCT/US2007/025991         |
| Filing Date                                   | :19/12/2007                |
| (87) International Publication No             | :WO 2008/079255            |
| (61) Patent of Addition to Application Number | :NA<br>:NA                 |
| Filing Date                                   | :NA                        |
| (62) Divisional to Application Number         | :NA                        |
| Filing Date                                   | :NA                        |

(71)Name of Applicant :

1)JANSSEN PHARMACEUTICA N.V.

Address of Applicant :TURNHOUTSEWEG 30, 2340  
BEERSE Belgium

(72)Name of Inventor :

1)NEELAKANDHA S. MANI

2)CHRISTIE MORRILL

---

(57) Abstract :

Syntheses of unsaturated piperidines from piperidones through a silyl piperidine reagent via the Shapiro reaction and palladium-catalyzed cross-coupling reactions with organo halides.

No. of Pages : 44 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2252/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : ABSORBENT REGENERATION WITH FLASHED LEAN SOLUTION AND HEAT INTEGRATION

|                                               |                           |
|-----------------------------------------------|---------------------------|
| (51) International classification             | :B01D 53/14; C01B<br>3/20 |
| (31) Priority Document No                     | :2006 5411                |
| (32) Priority Date                            | :24/11/2006               |
| (33) Name of priority country                 | :Norway                   |
| (86) International Application No             | :PCT/NO2007/000411        |
| Filing Date                                   | :21/11/2007               |
| (87) International Publication No             | :WO 2008/063079           |
| (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)AKER CLEAN CARBON AS

Address of Applicant :POSTBOKS 207, NO - 1326  
LYSAKER Norway

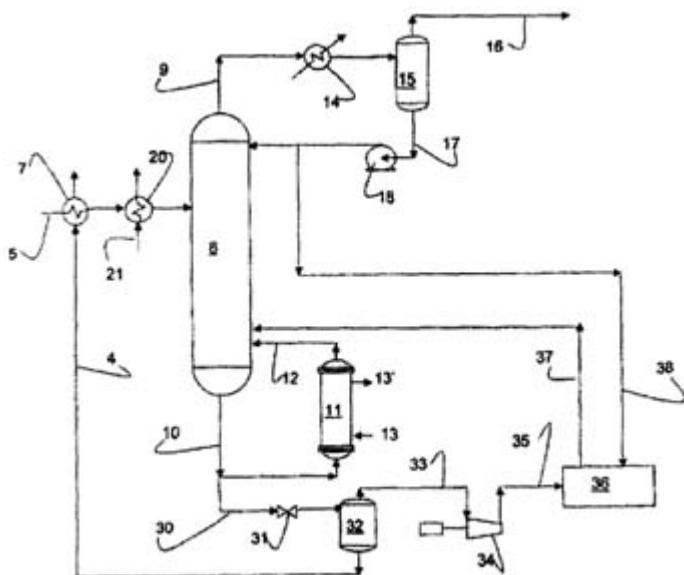
(72)Name of Inventor :

1)WOODHOUSE, SIMON

2)RUSHFELDT, PÅL

(57) Abstract :

A method for regeneration of a rich absorbent having absorbed CO<sub>2</sub> (5) to give a regenerated, or lean absorbent (4) wherein the lean absorbent leaving the regenerator column is flashed (32) to produce a gaseous phase (33) that is compressed (34) and reintroduced into the regeneration column, and a liquid lean absorbent phase (4) that is heat exchanged (7) against the rich absorbent.



No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2253/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : ABSORBENT REGENERATION WITH COMPRESSED OVERHEAD STREAM TO PROVIDE HEAT

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B01D 53/14        |
| (31) Priority Document No                     | :2006 5413         |
| (32) Priority Date                            | :24/11/2006        |
| (33) Name of priority country                 | :Norway            |
| (86) International Application No             | :PCT/NO2007/000418 |
| Filing Date                                   | :26/11/2007        |
| (87) International Publication No             | :WO 2008/063082    |
| (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)AKER CLEAN CARBON AS

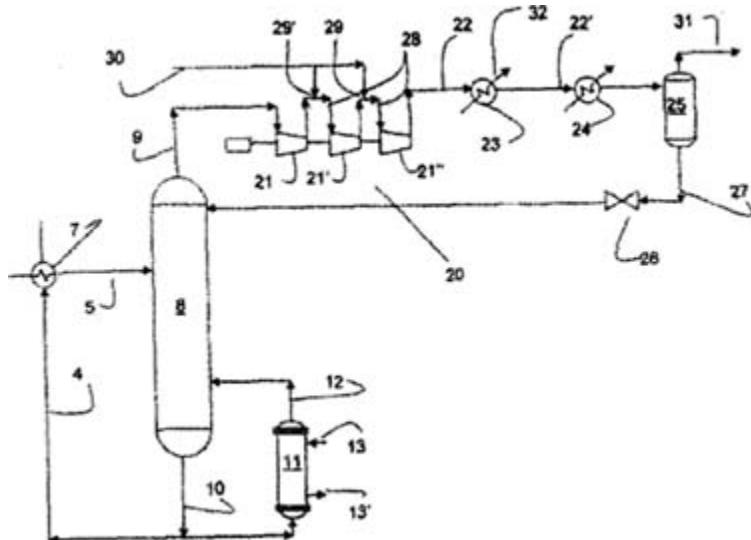
Address of Applicant :POSTBOKS 207, NO - 1326  
LYSAKER Norway

(72)Name of Inventor :

1)WOODHOUSE, SIMON

(57) Abstract :

A method, and plant for regeneration of a rich absorbent having absorbed CO<sub>2</sub>, to give a regenerated, or lean absorbent, and CO<sub>2</sub>, where the rich absorbent is regenerated by stripping against steam in a regenerating column (8), where gas, mainly comprising released CO<sub>2</sub> and steam, is withdrawn from the top of the column (9) and separated (25) to give a stream of CO<sub>2</sub> that is removed, and condensed water (27) that is recycled into the regenerator column, and where lean, or regenerated, absorbent is withdrawn from the base of the column (4), wherein the gas that is withdrawn from the top of the regenerator column (9) is compressed (21) and cooled by heat exchanging to recover the heat (23,24), before separation of the gas into CO<sub>2</sub> and water.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2254/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SIGNAL PROCESSING METHOD, PROCESSING APPARATUS AND VOICE DECODER

(51) International classification :H04L 1/00  
(31) Priority Document No :200710169616.1  
(32) Priority Date :05/11/2007  
(33) Name of priority country :China  
(86) International Application No :PCT/CN2008/070813  
Filing Date :25/04/2008  
(87) International Publication No :WO 2009/059498  
(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.

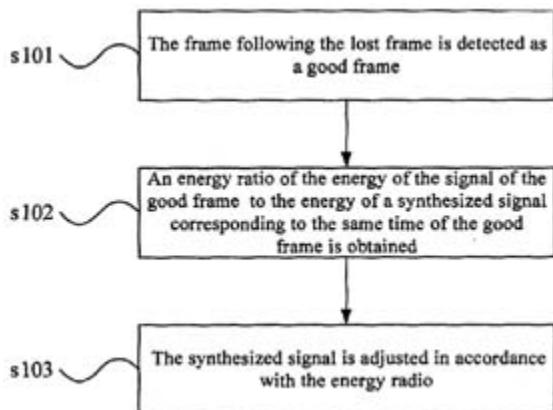
Address of Applicant :HUAWEI ADMINISTRATION BUILDING, BANTIAN, LONGGANG DISTRICT, SHENZHEN, GUANGDONG 518129 China

(72)Name of Inventor :

1)ZHAN, WUZHOU  
2)WANG, DONGQI  
3)TU, YONGFENG  
4)WANG, JING  
5)ZHANG, QING  
6)MIAO, LEI  
7)XU, JIANFENG  
8)HU, CHEN  
9)YANG, YI  
10)DU, ZHENGZHONG  
11)QI, FENGYAN

(57) Abstract :

The present invention discloses a signal processing method adapted to process a synthesized signal in packet loss concealment. The method includes the following steps: receiving a good frame following a lost frame, obtaining an energy ratio of energy of a signal in the signal of the good frame signal, to energy of a synthesized signal corresponding to the same time of the good frame; and adjusting the synthesized signal in accordance with the energy ratio. The present invention also discloses a signal processing apparatus and a voice decoder. Through using the method provided by the present invention, the synthesized signal is adjusted in accordance with the energy ratio of the energy of the first good frame following the lost frame to the energy of the synthesized signal to ensure that there be not a waveform sudden change or an energy sudden change at the place where the lost frame and the first good frame following the lost frame are jointed in the synthesized signal, to realize the waveform's smooth transition and to avoid music noises.



No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2255/KOLNP/2009 A

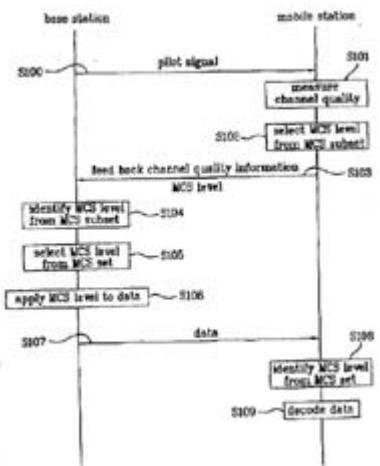
(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD FOR PERFORMING AN ADAPTIVE MODULATION AND CODING SCHEME IN MOBILE COMMUNICATION SYSTEM

|                                                                 |                                   |                                                                                                                 |
|-----------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| (51) International classification                               | :H04L 1/00,H04L 1/18              | (71)Name of Applicant :                                                                                         |
| (31) Priority Document No                                       | :60/894,606                       | 1)LG ELECTRONICS INC.                                                                                           |
| (32) Priority Date                                              | :13/03/2007                       | Address of Applicant :20, YEOUIDO-DONG,<br>YEONGDEUNGPO-GU, SEOUL 105-721 Republic of Korea                     |
| (33) Name of priority country                                   | :U.S.A.                           | (72)Name of Inventor :                                                                                          |
| (86) International Application No<br>Filing Date                | :PCT/KR2008/001424<br>:13/03/2008 | 1)LEE, MOON IL<br>2)IHM, BIN CHUL<br>3)CHUN, JIN YOUNG<br>4)PARK, SUNG HO<br>5)KO, HYUN SOO<br>6)LEE, WOOK BONG |
| (87) International Publication No                               | :WO 2008/111809                   |                                                                                                                 |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |                                                                                                                 |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |                                                                                                                 |

(57) Abstract :

An efficient link adaptive scheme according to a channel status in a broadband wireless communication system is disclosed. In applying an adaptive modulation and coding (AMC) scheme, modulation and coding selection (MCS) subsets are determined from all or part of MCS set in accordance with a service type or channel status, whereby feedback overhead is reduced and efficient link adaptation is performed in conjunction with a downlink power control scheme.



No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2256/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SAND-INTRODUCING DEVICE USING AIR, AND METHOD AND APPARATUS FOR PRODUCING A MOLD

(51) International classification

:B22C 15/24

(31) Priority Document No

:2007-006731

(32) Priority Date

:16/01/2007

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2007/069322

Filing Date

:26/09/2007

(87) International Publication No

:WO 2008/087772

(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)SINTOKOGIO, LTD.

Address of Applicant :28-12, MEIEKI 3-CHOME,  
NAKAMURA-KU, NAGOYA-SHI, AICHI 450-0002 Japan

(72)Name of Inventor :

1)HARADA, HISASHI

2)NITTA, TAKUYA

3)HANAI, TAKASHI

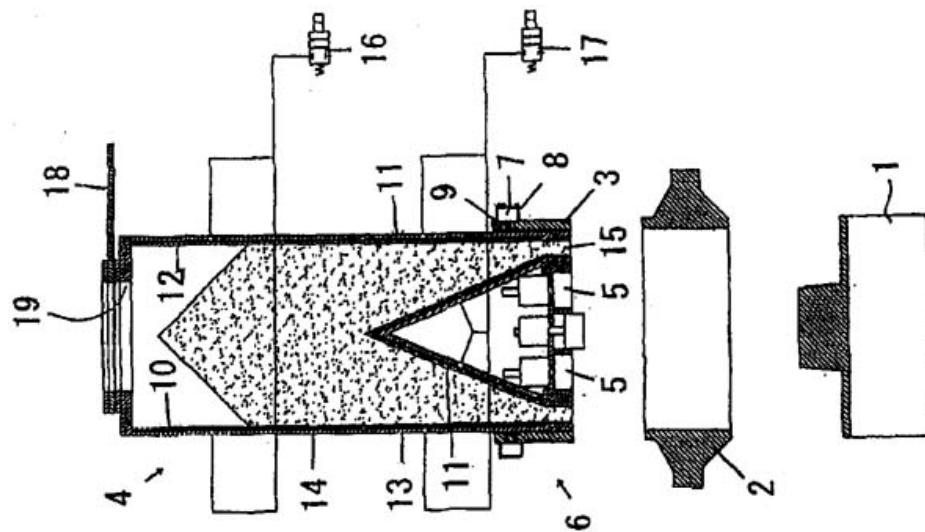
4)HIRATA, MINORU

5)SUGITA, KOZO

6)OYA, TOSHIHIKO

(57) Abstract :

A sand-introducing device that uses air for introducing molding sand in a molding space or spaces is provided. The device is provided with air-permeable partitioning plates that define a double-walled structure together with the wall of the body of the device. The air-permeable partitioning plates are easily produced, they can easily inject pressurized air of a desired pressure, and they will not need regular maintenance. The body of the device, which acts as a pressure tank, defines a double-walled structure together with the air-permeable partitioning plates (10, 11), thereby defining chambers (12, 13). In the sand-introducing device that uses air, while molding sand is fluidized by pressurized air injected from the air-permeable partitioning plates, it is introduced in a molding space. Each air-permeable partitioning plate is made of a porous resin or metal.



No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2226/KOLNP/2009 A

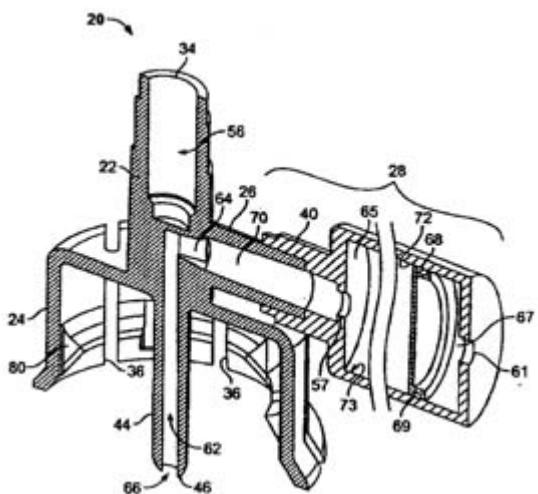
(43) Publication Date : 03/07/2009

(54) Title of the invention : PRESSURE EQUALIZING DEVICE FOR VIAL ACCESS

|                                               |                      |                                                   |
|-----------------------------------------------|----------------------|---------------------------------------------------|
| (51) International classification             | :A61J 1/14,A61J 1/20 | (71)Name of Applicant :                           |
| (31) Priority Document No                     | :11/642,360          | 1)CARDINAL HEALTH 303, INC.                       |
| (32) Priority Date                            | :19/12/2006          | Address of Applicant :3750 TORREY VIEW COURT, SAN |
| (33) Name of priority country                 | :U.S.A.              | DIEGO, CA 92130 U.S.A.                            |
| (86) International Application No             | :PCT/US2007/025961   | (72)Name of Inventor :                            |
| Filing Date                                   | :19/12/2007          | 1)WHITLEY, KENNETH, W.                            |
| (87) International Publication No             | :WO 2008/079238      | 2)PHILLIPS, JOHN, C.                              |
| (61) Patent of Addition to Application Number | :NA                  |                                                   |
| Filing Date                                   | :NA                  |                                                   |
| (62) Divisional to Application Number         | :NA                  |                                                   |
| Filing Date                                   | :NA                  |                                                   |

(57) Abstract :

A pressure-equalizing vial access device and method providing closed and sealed reconstitution of vial contents. A rigid container with a fixed internal volume is connected with a vent lumen extending into the vial. As pressure in the vial increases, the pressure is equalized with atmospheric pressure by varying the volume of a compartment within the rigid container. The compartment is formed with a volume control device that automatically varies the volume of the compartment in the rigid container to accommodate and equalize the pressure in the vial by increasing or decreasing the volume of the compartment. In one case the volume control device comprises a sliding disk and in another, a bladder that compresses with an increase in volume in the container and expands with a decrease.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2227/KOLNP/2009 A

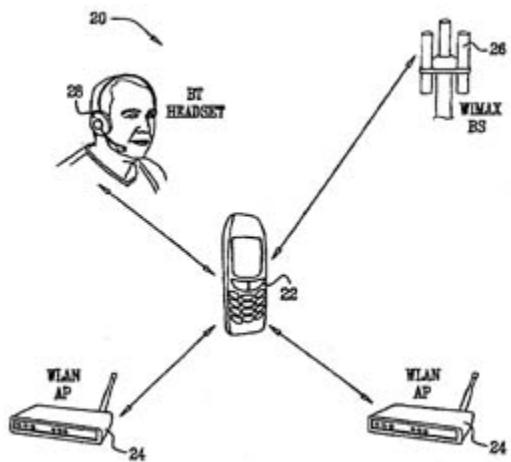
(43) Publication Date : 03/07/2009

(54) Title of the invention : MULTI-FUNCTION WIRELESS TERMINAL

|                                               |                      |                                                                                                                                             |
|-----------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H04Q 7/20,H04M 1/00 | (71) <b>Name of Applicant :</b><br><b>1)ALTAIR SEMICONDUCTOR LTD.</b><br>Address of Applicant :6 HAHARASH STREET, 45240 HOD HASHARON Israel |
| (31) Priority Document No                     | :11/647,122          |                                                                                                                                             |
| (32) Priority Date                            | :27/12/2006          |                                                                                                                                             |
| (33) Name of priority country                 | :U.S.A.              |                                                                                                                                             |
| (86) International Application No             | :PCT/IL2007/001227   |                                                                                                                                             |
| Filing Date                                   | :11/10/2007          |                                                                                                                                             |
| (87) International Publication No             | :WO 2008/078311      |                                                                                                                                             |
| (61) Patent of Addition to Application Number | :NA                  |                                                                                                                                             |
| Filing Date                                   | :NA                  |                                                                                                                                             |
| (62) Divisional to Application Number         | :NA                  |                                                                                                                                             |
| Filing Date                                   | :NA                  |                                                                                                                                             |

(57) Abstract :

A communication method includes establishing a first communication session over a first connection between a wireless terminal (22) and a base station (26) of a long-range wireless data network, which operates in accordance with a first protocol that defines a sequence of time frames. Based on the time frames defined by the base station, time slots are allocated for establishing a second communication session over a second connection between the wireless terminal and a peripheral wireless device (28), which operates in accordance with a second, short-range time-slotted communication protocol different from the first protocol. Time intervals are allocated within the time frames for communication between the base station and the wireless terminal over the first connection, such that the allocated time intervals are interleaved with and do not overlap the allocated time slots. The first and second communication sessions are concurrently conducted in the allocated time intervals and the assigned time slots, respectively.



No. of Pages : 38 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2228/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : AUDIO COMMUNICATIONS SYSTEM USING NETWORKING PROTOCOLS

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H04L 29/06        |
| (31) Priority Document No                     | :0623229.2         |
| (32) Priority Date                            | :22/11/2006        |
| (33) Name of priority country                 | :U.K.              |
| (86) International Application No             | :PCT/GB2007/004132 |
| Filing Date                                   | :30/10/2007        |
| (87) International Publication No             | :WO 2008/062153    |
| (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)VOIPEX LIMITED**

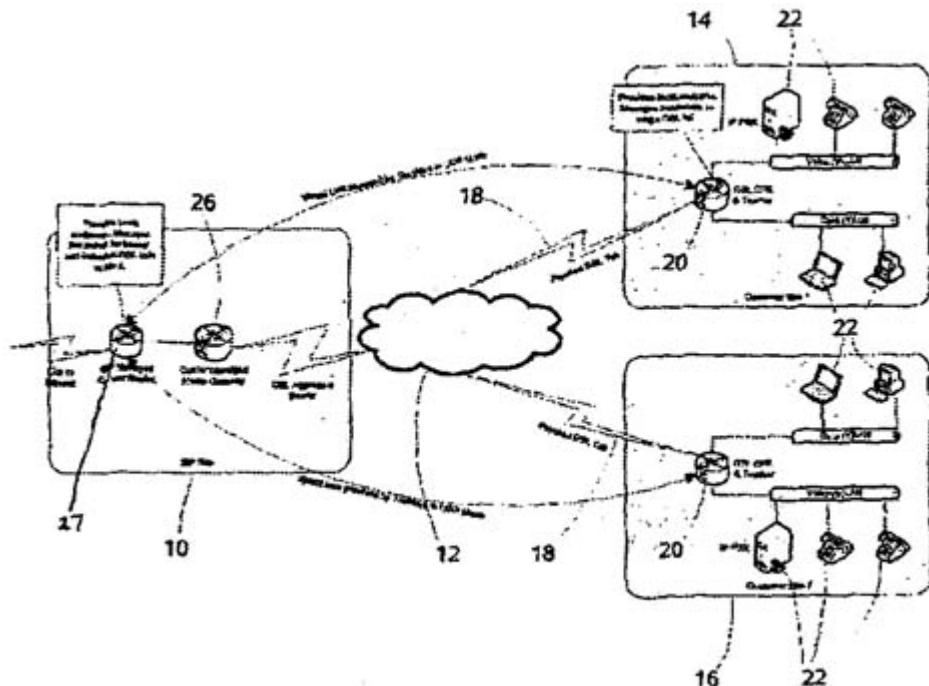
Address of Applicant :SOUTH WING, CREETING HALL,  
CREETING ST. PETER, IPSWICH IP68 8QZ U.K.

(72)Name of Inventor :

**1)HILL, ADAM**

(57) Abstract :

Methods for providing improvement in Voice-over-IP communication systems, and hardware for implementing the methods, are disclosed. A first aspect provides a method of improving on the efficiency of RTP used to transport VoIP voice calls by reducing the overhead of second and subsequent calls on a link to almost zero using trunking. A second aspect using bandwidth awareness to compress RTP payload data captured from the network. This involves capturing G.711 encoded RTP data directly from the network ( as opposed to at source ) and transcoding that data in such a way as to take account of the available bandwidth on an outbound link. A third aspect uses dynamic and transparent packet fragmentation and reassembly based on RTP interval to reduce VoIP latency and jitter. A fourth aspect uses dynamic re-writing of SIP messages to provides automatic fail-over and load balancing of SIP servers. This involves capturing SIP call set-up messages and re-writing and duplicating them to direct them to multiple servers. The response is monitored to determine which server responds most quickly and allowing only that reply back to the source device. A fifth aspect provides dynamic sizing of trunk payload packets. Given that the above scheme has been set up on a link, it is trivial for the receiving trunk device to determine if the received packets are too big or small, and to signal the transmitter to adjust its payload size accordingly.



No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2229/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : STABLE NON-ALCOHOLIC FOAMABLE PHARMACEUTICAL EMULSION COMPOSITIONS WITH AN UNCTUOUS EMOLLIENT AND THEIR USES

|                                                              |                                   |                                                                                                                       |
|--------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :A61K 9/113,A61K 9/12             | (71) <b>Name of Applicant :</b><br><b>1)FOAMIX LTD.</b><br>Address of Applicant :PO BOX 4038, 74140 NESS ZIONA Israel |
| (31) Priority Document No                                    | :60/858,747                       |                                                                                                                       |
| (32) Priority Date                                           | :14/11/2006                       |                                                                                                                       |
| (33) Name of priority country                                | :U.S.A.                           |                                                                                                                       |
| (86) International Application No<br>Filing Date             | :PCT/IB2007/004683<br>:14/11/2007 |                                                                                                                       |
| (87) International Publication No                            | :WO 2009/007785                   |                                                                                                                       |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA                        |                                                                                                                       |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA                        |                                                                                                                       |

(57) Abstract :

A stable non-alcoholic foamable pharmaceutical emulsion composition includes an unctuous emollient, at a concentration of about 0.5% to about 49% by weight; at least one multi-active agent; at a concentration of about 0.5% to about 15% by weight; water, an effective amount of an active pharmaceutical agent having a degree of solubility in the emulsion composition; and at least one liquefied or compressed gas propellant at a concentration of about 3% to about 25% by weight of the total composition; wherein the unctuous emollient comprises a petrolatum alone or in combination with other unctuous agents; wherein the multi active agent is selected from the group consisting of (a) two or more complex emulgators wherein there is a difference of about 4 or more units between the HLB values of two of the emulgators or there is a significant difference in the chemical nature or structure of two of the emulgators; (b) a surfactant and a foam adjuvant or co surfactant, wherein the surfactant has a HLB close to the required HLB of the oil phase; (c) a surfactant and a liquid wax, wherein the surfactant has a HLB close to the required HLB of the oil phase; (d) a surfactant and a polymeric agent other than starch or a modified starch ester, wherein the surfactant has a HLB close to the required HLB of the oil phase; (e) a polymeric agent and a foam adjuvant or co surfactant, which can cooperate to stabilize the emulsion; (f) a single surfactant without a long polymeric side chain that is composed of a mixture of esters having a HLB close to the required HLB of the oil phase; combinations of any of the above, and wherein the composition is substantially flowable is stored in an pressurized container and upon release expands to form a breakable foam.

No. of Pages : 116 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/06/2009

(21) Application No.2230/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : A SECTIONED FLOW DEVICE

|                                               |                      |
|-----------------------------------------------|----------------------|
| (51) International classification             | :F28D 9/00,F28F 3/00 |
| (31) Priority Document No                     | :0602767-6           |
| (32) Priority Date                            | :19/12/2006          |
| (33) Name of priority country                 | :Sweden              |
| (86) International Application No             | :PCT/SE2007/001111   |
| Filing Date                                   | :13/12/2007          |
| (87) International Publication No             | :WO 2008/076039      |
| (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)ALFA LAVAL CORPORATE AB

Address of Applicant :BOX 73, S-221 00 LUND Sweden

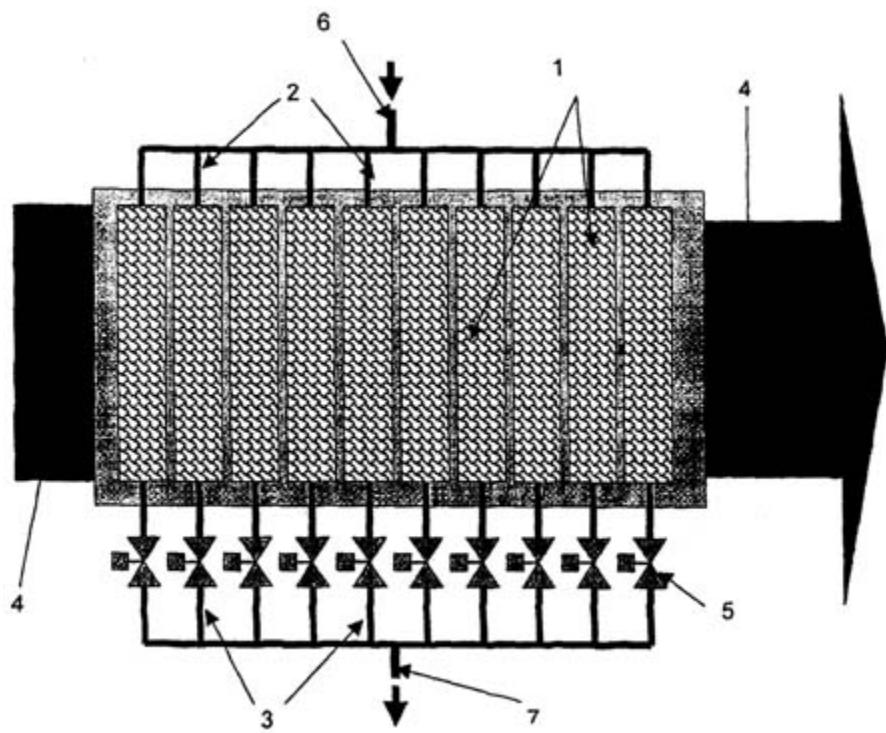
(72)Name of Inventor :

1)CHRISTENSEN, ROLF

2)NORÉN, TOMMY

(57) Abstract :

The present invention relates to a sectioned heat exchanger plate, sectioned flow module or sectioned plate reactor, which comprises one or more heat exchanger sections and one or more regulating valves, which regulating valves are connected to the inlet of each heat exchanger section or are connected to the outlet of each heat exchanger section or are connected to the inlet and outlet of each heat exchanger section, each heat exchanger section being at an angle of 90° relative to a main direction of flow for a process flow in at least one flow plate or relative to a main direction of flow for a process flow in said sectioned flow module or relative to a main direction of flow for a process flow in said sectioned plate reactor. The present invention also relates to a method for regulating the temperature in a sectioned heat exchanger plate, flow module or plate reactor.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2261/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : HETEROARYL-SUBSTITUTED SERINE AMIDES

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07C 237/00       |
| (31) Priority Document No                     | :07100427.9        |
| (32) Priority Date                            | :11/01/2007        |
| (33) Name of priority country                 | :EUROPEAN UNION    |
| (86) International Application No             | :PCT/EP2008/050228 |
| Filing Date                                   | :10/01/2008        |
| (87) International Publication No             | :WO 2008/084073    |
| (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)WITSCHEL, MATTHIAS
- 2)SONG, DSCHUN
- 3)HUEP, EIKE
- 4)NEWTON, TREVOR WILLIAM
- 5)MOBERG, WILLIAM KARL
- 6)PARRA RAPADO, LILIANA
- 7)STELZER, FRANK
- 8)VESCOVI, ANDREA
- 9)REINHARD, ROBERT
- 10)SIEVERNICH, BERND
- 11)GROSSMANN, KLAUS
- 12)EHRHARDT, THOMAS

(57) Abstract :

The invention relates to heteroaryl-substituted serine amides of formula (I) wherein the variables A and R1 to R6 have the designations cited in the description. The invention also relates to the salts thereof which are useful for agriculture, to methods and intermediate products for the production of said serine amides, and to the use of said compounds or agents containing said compounds for controlling undesired plants.

No. of Pages : 91 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2262/KOLNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : HETEROMONOCYCLIC COMPOUND AND USE THEREOF

|                                               |                      |                                                                                                                                                                                 |
|-----------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61P 3/00,A61P 9/00 | (71) <b>Name of Applicant :</b><br><b>1)TAKEDA PHARMACEUTICAL COMPANY LIMITED</b><br>Address of Applicant :1-1, DOSHOMACHI 4-CHOME,<br>CHUO-KU, OSAKA-SHI, OSAKA 541-0045 Japan |
| (31) Priority Document No                     | :2006-317839         |                                                                                                                                                                                 |
| (32) Priority Date                            | :24/11/2006          |                                                                                                                                                                                 |
| (33) Name of priority country                 | :Japan               |                                                                                                                                                                                 |
| (86) International Application No             | :PCT/JP2007/073004   |                                                                                                                                                                                 |
| Filing Date                                   | :21/11/2007          |                                                                                                                                                                                 |
| (87) International Publication No             | :WO 2008/062905      |                                                                                                                                                                                 |
| (61) Patent of Addition to Application Number | :NA                  |                                                                                                                                                                                 |
| Filing Date                                   | :NA                  |                                                                                                                                                                                 |
| (62) Divisional to Application Number         | :NA                  |                                                                                                                                                                                 |
| Filing Date                                   | :NA                  |                                                                                                                                                                                 |

(57) Abstract :

A compound represented by the formula (I): wherein R1 is an oxo group, =N-R or the like; a group 5 represented by the formula: is a group represented by the formula: R2 is a group represented by the formula: R3 and R4 are each H, or C1-C6 alkyl, C3-C6 cycloalkyl, C1-C6 alkoxy, C1-C6 alkylamino, di(C1-C6)alkylamino or C1-C6 alkylthio, each of which is optionally substituted; and R5 is

H, or C1-C6 alkyl, C2-C6 alkenyl, cyclic group, each of which is optionally substituted, -CO-R8 or -O-R8', or a salt thereof. The compound of the present invention is useful as a drug for the prophylaxis or treatment of circulatory diseases, metabolic diseases and/or central nervous system diseases.

No. of Pages : 1167 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2263/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PROCESS FOR PRODUCING ISOCYANATES

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|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :C07C 263/04       |
| (31) Priority Document No                     | :2007-003245       |
| (32) Priority Date                            | :11/01/2007        |
| (33) Name of priority country                 | :Japan             |
| (86) International Application No             | :PCT/JP2008/050171 |
| Filing Date                                   | :10/01/2008        |
| (87) International Publication No             | :WO 2008/084824    |
| (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)ASAHI KASEI CHEMICALS CORPORATION**  
Address of Applicant :1-105 KANDA JINBOCHO,  
CHIYODA-KU, TOKYO 101-8101 Japan

(72)Name of Inventor :

**1)MASAAKI SHINOHATA**

(57) Abstract :

An object of the present invention is to provide a process allowing long-term, stable production of isocyanates at a high yield without the various problems found in the prior art during production of isocyanates without using phosgene. The present invention discloses a process for producing an isocyanate by subjecting a carbamic acid ester to a decomposition reaction in the presence of a compound having an active proton and a carbonic acid derivative.

No. of Pages : 159 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2264/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : CONNECTOR COMPRISING A LOCKING DEVICE

|                                               |                    |                                                   |
|-----------------------------------------------|--------------------|---------------------------------------------------|
| (51) International classification             | :H01R 13/627       | (71) <b>Name of Applicant :</b>                   |
| (31) Priority Document No                     | :132/07            | <b>1)HUBER + SUHNER AG</b>                        |
| (32) Priority Date                            | :26/01/2007        | Address of Applicant :DEGERSHEIMERSTRASSE 14 9100 |
| (33) Name of priority country                 | :Switzerland       | HERISAU Switzerland                               |
| (86) International Application No             | :PCT/CH2007/000562 | (72) <b>Name of Inventor :</b>                    |
| Filing Date                                   | :12/11/2007        | <b>1)FRANZ MANSER</b>                             |
| (87) International Publication No             | :WO 2008/089587    |                                                   |
| (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 connector (10) comprising a housing (11), which extends along a longitudinal axis lying in the plug-in direction (32) and which is divided into an electric connector part (12) and a locking device (13) located next to the electric connector part (12) for the releasable locking of the connector (10) with a corresponding counterpart. The locking device (13) comprises a detent bracket (14) that is held in a receiving chamber (21) of the housing (11), that extends in the plug-in direction (32) and can be elastically deflected perpendicularly to the plug-in direction (32), said detent bracket being elastically deflected perpendicularly to the plug-in direction (32) by means of an actuating element (15) mounted on the housing (11) in order to be disengaged. A particularly simple and compact construction is achieved for a connector of this type in that the actuating element (15) lies adjacent to the detent bracket (14) perpendicularly to the plug-in direction (32) and that the length of the actuating element (15) in the plug-in direction (32) is less than or approximately equal to the length of the detent bracket (14).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2257/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : MOLDING MACHINE AND MOLDING METHOD

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B22C 11/00        |
| (31) Priority Document No                     | :2007-005585       |
| (32) Priority Date                            | :15/01/2007        |
| (33) Name of priority country                 | :Japan             |
| (86) International Application No             | :PCT/JP2007/064125 |
| Filing Date                                   | :11/07/2007        |
| (87) International Publication No             | :WO 2008/087759    |
| (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)SINTOKOGIO, LTD.**

Address of Applicant :28-12, MEIEKI 3-CHOME,  
NAKAMURA-KU, NAGOYA-SHI, AICHI 4500002 Japan

(72)Name of Inventor :

**1)HIRATA, MINORU**

**2)KOMIYAMA, TAKAYUKI**

**3)OYA, TOSHIHIKO**

**4)SAKAI, TSUYOSHI**

**5)SAKAGUCHI, KOICHI**

---

(57) Abstract :

Disclosed is a molding method for separating a cope flask and a drag flask from a match plate at the same time. The method comprises the steps of: holding the match plate between the cope and drag flasks; inserting an upper squeeze member and a lower squeeze member into openings of the cope and drag flasks, which are opposed to the match plate, to define an upper molding space and a lower molding space, respectively; filling the defined molding space with molding sand; and driving the upper and lower squeeze members toward the match plate to squeeze the molding sand within the upper and lower molding space to mold an upper mold and a lower mold at the same time. The cope and drag flasks that are included within said molded upper and lower molds are forcibly pushed away from the match plate at the same time when the flasks are stationary.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2258/KOLNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : BIS[TRI(HYDROXYPOLYALKYLENEOXY) SILYLALKYL]POLYSULFIDE, METHOD OF MANUFACTURING BIS[TRI(HYDROXYPOLYALKYLENEOXY)SILYLALKYL] POLYSULFIDE, TIRE RUBBER ADDITIVE, AND TIRE RUBBER COMPOSITION

|                                                                 |                                   |                                                                                                                                                                                                  |
|-----------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                               | :C07F 7/18,C08K<br>3/00           | (71) <b>Name of Applicant :</b><br><b>1)DOW CORNING TORAY CO., LTD.</b><br>Address of Applicant :1-3, MARUNOUCHI 1-CHOME,<br>CHIYODA-KU, TOKYO 1000005 Japan<br><b>2)DOW CORNING CORPORATION</b> |
| (31) Priority Document No                                       | :2007-000766                      | (72) <b>Name of Inventor :</b>                                                                                                                                                                   |
| (32) Priority Date                                              | :05/01/2007                       | <b>1)SAIKI, TAKEAKI</b>                                                                                                                                                                          |
| (33) Name of priority country                                   | :Japan                            | <b>2)IWAI, MAKOTO</b>                                                                                                                                                                            |
| (86) International Application No<br>Filing Date                | :PCT/JP2007/075436<br>:28/12/2007 | <b>3)FURUKAWA, HARUHIKO</b>                                                                                                                                                                      |
| (87) International Publication No                               | :WO 2008/082011                   | <b>4)TOMAR, ANIL, KUMAR</b>                                                                                                                                                                      |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        |                                                                                                                                                                                                  |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        |                                                                                                                                                                                                  |

(57) Abstract :

A bis[tri(hydroxypolyalkyleneoxy)silylalkyl] polysulfide, i.e., a polysulfide that contains bonded hydroxy-polyalkyleneoxy groups instead of alkoxy groups in the bis(trialkoxysilylalkyl) polysulfide; a method of manufacturing of the aforementioned polysulfide by heating a bis(trialkoxysilylalkyl) polysulfide and a polyalkyleneglycol; a tire rubber additive to a tire rubber composition that comprises a bis[tri(hydroxypolyalkyleneoxy)silylalkyl] polysulfide alone or a mixture of bis[tr(hydroxypolyalkyleneoxy)silylalkyl] polysulfide and a polyalkyleneglycol; and a tire rubber composition that contains the aforementioned additive.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2259/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : OPHTHALMIC COMPOSITIONS OF PARASYMPATHETIC STIMULANTS AND ANTI-INFLAMMATORIES FOR USE IN THE TREATMENT PRESBYOPIA

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61K 45/06        |
| (31) Priority Document No                     | :06026169.0        |
| (32) Priority Date                            | :18/12/2006        |
| (33) Name of priority country                 | :EUROPEAN UNION    |
| (86) International Application No             | :PCT/IB2007/003780 |
| Filing Date                                   | :06/12/2007        |
| (87) International Publication No             | :WO 2008/075149    |
| (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)BENOZZI, JORGE, LUIS**

Address of Applicant :SANTA FR 1769, PISO 3, CP 1060,  
BUENOS AIRES Argentina

(72)Name of Inventor :

**1)BENOZZI, JORGE, LUIS**

(57) Abstract :

Ophthalmic compositions for the treatment of presbyopia, comprising combinations of parasympathomimetics and non-steroidal anti-inflammatories.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2260/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : BASE STATION APPARATUS, USER EQUIPMENT, AND METHOD USED IN MOBILE COMMUNICATION SYSTEM

|                                               |                          |                                                                                                                                                   |
|-----------------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :H04B 7/26,H04J<br>11/00 | (71) <b>Name of Applicant :</b><br><b>1)NTT DOCOMO, INC.</b><br>Address of Applicant :11-1, NAGATACHO 2-CHOME,<br>CHIYODA-KU, TOKYO 1006150 Japan |
| (31) Priority Document No                     | :2007-001857             |                                                                                                                                                   |
| (32) Priority Date                            | :09/01/2007              |                                                                                                                                                   |
| (33) Name of priority country                 | :Japan                   | (72) <b>Name of Inventor :</b>                                                                                                                    |
| (86) International Application No             | :PCT/JP2007/075019       | <b>1)KISHIYAMA, YOSHIHISA</b>                                                                                                                     |
| Filing Date                                   | :26/12/2007              | <b>2)HIGUCHI, KENICHI</b>                                                                                                                         |
| (87) International Publication No             | :WO 2008/084700          | <b>3)SAWAHASHI, MAMORU</b>                                                                                                                        |
| (61) Patent of Addition to Application Number | :NA                      |                                                                                                                                                   |
| Filing Date                                   | :NA                      |                                                                                                                                                   |
| (62) Divisional to Application Number         | :NA                      |                                                                                                                                                   |
| Filing Date                                   | :NA                      |                                                                                                                                                   |

(57) Abstract :

A base station apparatus for a mobile communication system is disclosed that includes a unit to receive an uplink reference signal transmitted from user equipment, a unit to provide transmission power control data indicating whether a transmission power value of the uplink reference signal to be transmitted later is to be changed, a unit to derive a first offset power value so that the uplink control signal is transmitted at a power value determined by adding the first offset power value to the transmission power value of the uplink reference signal, a unit to derive a second offset power value so that the uplink control signal is transmitted at a power value determined by adding the second offset power value to the transmission power value of the uplink reference signal, and a unit to report the data and values to the user equipment.

No. of Pages : 59 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/06/2009

(21) Application No.2270/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : METHOD AN APPARATUS FOR PRODUCING TRIANGULAR WAVEFORM WITH LOW AUDIO BAND NOISE CONTENT

(51) International classification

:H03K 4/06

(31) Priority Document No

:60/886,643

(32) Priority Date

:25/01/2007

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2008/051954

Filing Date

:24/01/2008

(87) International Publication No

:WO 2008/092033

(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)RGB SYSTEMS, INC.

Address of Applicant :1230 SOUTH LEWIS STREET,  
ANAHEIM, CALIFORNIA 92805 U.S.A.

(72)Name of Inventor :

1)MENDENHALL, ERIC

(57) Abstract :

A triangular waveform generator includes a square waveform clock circuit and an active integrator. The active integrator receives input from the square waveform clock circuit and generates a triangular waveform output. An active feedback network is operatively added to the active integrator to reduce the audio band noise content in the triangular waveform output. The feedback network acts as a DC balance without significant sacrifice in the linearity of the triangular waveform output.

No. of Pages : 19 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/06/2009

(21) Application No.2271/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : HETEROCYCLIC RECEPTOR AGONISTS FOR THE TREATMENT OF DIABETES AND METABOLIC DISORDERS

|                                                                 |                                   |                                                                                                                                |
|-----------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                               | :A61P 3/08,A61P 3/10              | (71)Name of Applicant :<br><b>1)METABOLEX INC.</b><br>Address of Applicant :3876 BAY CENTER PLACE,<br>HAYWARD, CA 94545 U.S.A. |
| (31) Priority Document No                                       | :60/877,903                       | (72)Name of Inventor :                                                                                                         |
| (32) Priority Date                                              | :28/12/2006                       | <b>1)CHEN, XIN</b>                                                                                                             |
| (33) Name of priority country                                   | :U.S.A.                           | <b>2)CHENG, PENG</b>                                                                                                           |
| (86) International Application No<br>Filing Date                | :PCT/US2007/088978<br>:27/12/2007 | <b>3)CLEMENS, L., EDWARD</b>                                                                                                   |
| (87) International Publication No                               | :WO 2008/083238                   | <b>4)JOHNSON, JEFFREY, D.</b>                                                                                                  |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                        | <b>5)MA, JINGYUAN</b>                                                                                                          |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                        | <b>6)MURPHY, ALISON</b>                                                                                                        |
|                                                                 |                                   | <b>7)NASHASHIBI, IMAD</b>                                                                                                      |
|                                                                 |                                   | <b>8)RABBAT, CHRISTOPHER, J.</b>                                                                                               |
|                                                                 |                                   | <b>9)SONG, JIANGAO</b>                                                                                                         |
|                                                                 |                                   | <b>10)WILSON, MARIA, E.</b>                                                                                                    |
|                                                                 |                                   | <b>11)ZHU, YAN</b>                                                                                                             |
|                                                                 |                                   | <b>12)ZHAO, ZUCHUN</b>                                                                                                         |

(57) Abstract :

Compounds and methods are provided for the treatment of, inter alia. Type II diabetes and other diseases associated with poor glycemic control. The compounds of the invention are orally active.

No. of Pages : 199 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/06/2009

(21) Application No.2272/KOLNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : USE OF PRODRUGS OF GABA ANALOGS FOR TREATING DISEASES

|                                                                 |                                          |                                                                                                                                                      |
|-----------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                               | :A61K 31/195;<br>A61P43/00;<br>A61P25/00 | (71) <b>Name of Applicant :</b><br><b>1)XENOPORT, INC.</b><br>Address of Applicant :3410 CENTRAL EXPRESSWAY,<br>SANTA CLARA, CALIFORNIA 95051 U.S.A. |
| (31) Priority Document No                                       | :60/873,561                              | (72) <b>Name of Inventor :</b>                                                                                                                       |
| (32) Priority Date                                              | :08/12/2006                              | <b>1)BARRETT, RONALD W.</b>                                                                                                                          |
| (33) Name of priority country                                   | :U.S.A.                                  | <b>2)CUNDY, KENNETH C.</b>                                                                                                                           |
| (86) International Application No<br>Filing Date                | :PCT/US2007/024944<br>:06/12/2007        |                                                                                                                                                      |
| (87) International Publication No                               | :WO 2008/073257                          |                                                                                                                                                      |
| (61) Patent of Addition to Application<br>Number<br>Filing Date | :NA<br>:NA                               |                                                                                                                                                      |
| (62) Divisional to Application Number<br>Filing Date            | :NA<br>:NA                               |                                                                                                                                                      |

(57) Abstract :

Methods of using prodrugs of GABA analogs and pharmaceutical compositions thereof to treat migraine, fibromyalgia, amyotrophic lateral sclerosis, irritable bowel syndrome, social phobia, Parkinson's disease, asthma, cough, or chronic obstructive pulmonary disease, and pharmaceutical compositions of prodrugs of GABA analogs useful in (treating migraine, fibromyalgia, amyotrophic lateral sclerosis, irritable bowel syndrome, social phobia, Parkinson's disease, asthma, cough, or chronic obstructive pulmonary disease are disclosed.

No. of Pages : 156 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/06/2009

(21) Application No.2273/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : O-SUBSTITUTED-DIBENZYL UREA-DERIVATIVES AS TRPV1 RECEPTOR ANTAGONISTS

|                                               |                                      |                                                                                                                             |
|-----------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07C 275/24; A61K 31/17; A61P 29/00 | (71) <b>Name of Applicant :</b><br><b>1)PHARMESTE S.R.L.</b><br>Address of Applicant :VIA SARAGAT, 1, I-44100 FERRARA Italy |
| (31) Priority Document No                     | :06026533.7                          |                                                                                                                             |
| (32) Priority Date                            | :21/12/2006                          |                                                                                                                             |
| (33) Name of priority country                 | :EUROPEAN UNION                      | (72) <b>Name of Inventor :</b>                                                                                              |
| (86) International Application No             | :PCT/IB2007/003784                   | <b>1)BARALDI, PIER GIOVANNI</b>                                                                                             |
| Filing Date                                   | :06/12/2007                          | <b>2)BOREA, PIER ANDREA</b>                                                                                                 |
| (87) International Publication No             | :WO 2008/075150                      | <b>3)GEPPETTI, PIERANGELO</b>                                                                                               |
| (61) Patent of Addition to Application Number | :NA                                  | <b>4)FRUTTAROLO, FRANCESCA</b>                                                                                              |
| Filing Date                                   | :NA                                  | <b>5)PAVANI, MARIA GIOVANNA</b>                                                                                             |
| (62) Divisional to Application Number         | :NA                                  | <b>6)TREVISANI, MARCELLO</b>                                                                                                |
| Filing Date                                   | :NA                                  |                                                                                                                             |

(57) Abstract :

The invention relates to compounds of formula (I) in which R is selected from halogen, alkyl, alkoxy, aryl and heteroaryl; R1 is selected from 2-hydroxyethyl, 2,3-dihydroxypropyl, 3-hydroxypropyl, 2,2-dihydroxyethyl, 3,3-dihydroxypropyl, 1,3-dioxolane- ethyl, 1,3-dioxane-methyl, 1,3-dioxolane-methyl, 1,3-dioxane-ethyl, 3-fluoro- 2-hydroxypropyl, 3-carboxy-2-hydroxy-propyl, 3-chloro-2-hydroxypropyl, 2-hydroxypropyl, 2-hydroxy-propen-2-yl, morpholinoethyl, piperazinoethyl, hydroxymethyl, benzyl, 4-(hydroxymethyl)benzyl, 4-chlorobenzyl, 4-fluorobenzyl, and 4-hydroxybenzyl. R2 is te/t-buryl or trifluoromethyl; R3 is independently selected from hydrogen, carboxy, cyano, alkyl or hydroxyalkyl, The compounds of formula (I) can be used for the preparation of pharmaceutical compositions for the therapy of inflammatory states, such as chronic neuropathic pain, over-active bladder syndrome, tumor pain, haemorrhoids, inflammatory hyperalgesia, post-intervention pain, dental extraction, airway and gastro-intestinal diseases.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/06/2009

(21) Application No.2274/KOLNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : METHOD AND APPARATUS FOR FACILITATING HANDLING OF COMMUNICATIONS

|                                               |                   |
|-----------------------------------------------|-------------------|
| (51) International classification             | :B07C 3/00        |
| (31) Priority Document No                     | :09/956990        |
| (32) Priority Date                            | :21/09/2001       |
| (33) Name of priority country                 | :U.S.A.           |
| (86) International Application No             | :PCT/US2002/29216 |
| Filing Date                                   | :16/09/2002       |
| (87) International Publication No             | :WO 2003/027795   |
| (61) Patent of Addition to Application Number | :NA               |
| Filing Date                                   | :NA               |
| (62) Divisional to Application Number         | :425/KOLNP/2004   |
| Filed on                                      | :31/03/2004       |

(71)**Name of Applicant :**

**1)TALKFLOW SYSTEMS, LLC**

Address of Applicant :THE GOVERNOR TYLER, 1902  
DOWNEY STREET, RADFORD, VA 24141 U.S.A.

(72)**Name of Inventor :**

**1)KIRK RANDAL J**

**2)KIRK JULIAN P**

**3)LIEBERMAN ERIC**

(57) Abstract :

A method and apparatus for handling physical communications. A physical communication, such as a letter or a package is received and sorted. The sorting includes assigning one or more of a plurality of predetermined values to each of one or 'more of a plurality of predetermined characteristics relating to the physical communication. A handling procedure, including one or more handling steps is selected for the communication based on the values assigned in said assigning step and rules correlating the values to a handling procedure. The handling procedure can be modified based on destination specific rules.

No. of Pages : 52 No. of Claims : 119

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/06/2009

(21) Application No.2275/KOLNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : SYSTEM AND METHOD FOR THE MANAGEMENT OF WIRELESS COMMUNICATIONS DEVICE SYSTEM SOFTWARE DOWNLOADS IN THE FIELD

|                                               |                   |
|-----------------------------------------------|-------------------|
| (51) International classification             | :G06F 9/44        |
| (31) Priority Document No                     | :09/916900        |
| (32) Priority Date                            | :26/07/2001       |
| (33) Name of priority country                 | :U.S.A.           |
| (86) International Application No             | :PCT/IB2002/02875 |
| Filing Date                                   | :22/07/2002       |
| (87) International Publication No             | :WO 2003/010663   |
| (61) Patent of Addition to Application Number | :NA               |
| Filing Date                                   | :NA               |
| (62) Divisional to Application Number         | :135/KOLNP/2004   |
| Filed on                                      | :04/02/2004       |

**(71)Name of Applicant :**

**1)KYOCERA WIRELESS CORPORATION**

Address of Applicant :10300 CAMPUS POINT DRIVE, SAN DIEGO, CA 92121 U.S.A.

**(72)Name of Inventor :**

**1)RAJARAM GOWRI**

**2)SECKENDORF PAUL**

**3)KAPLAN DIEGO**

---

**(57) Abstract :**

. A system and method are provided for managing system software download operations in a wireless communications device. The method comprises: executing system software; launching a run-time engine; processing dynamic instruction sets; and, in response to processing the dynamic instruction sets, managing the downloading of system software updates received via an airlink interface using management functions selected from the group including recovery status monitoring, back up, compacting, and update ordering.

No. of Pages : 66 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2265/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : CUTTING TOOL AND CUTTING INSERT

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B23C 5/22         |
| (31) Priority Document No                     | :180660            |
| (32) Priority Date                            | :11/01/2007        |
| (33) Name of priority country                 | :Israel            |
| (86) International Application No             | :PCT/IL2007/001620 |
| Filing Date                                   | :27/12/2007        |
| (87) International Publication No             | :WO 2008/084469    |
| (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)ISCAR LTD.

Address of Applicant :P.O. BOX 11 TEFEN, 24959 Israel

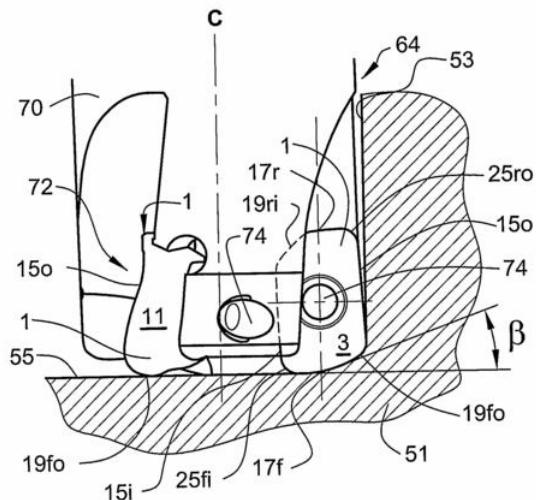
(72)Name of Inventor :

1)BALLAS, ASSAF

2)SMILOVICI, CAROL

(57) Abstract :

A four-sided cutting insert (1) has a top surface (3), a bottom surface (5) and a pair of first side surfaces (11) connected to a pair of second side surfaces (13) via corner surfaces. Opposite corners of the cutting insert are provided with a first pair of corner edges (19) defined between a first edge (15) and an associated second edge (17). Proximate its leading end, the first edge has a main portion which, in a top view of the insert, extends inwardly toward the first axis ( $\alpha$ ) at a first angle. In a side view, the first edge slopes downwardly from the corner edge in the direction of the base surface. The associated second edge, in the top view of the insert, extends from the corner edge in an outward direction relative to the second axis ( $\beta$ ).



No. of Pages : 30 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2266/KOLNP/2009 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : ROLLER MILL

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :B02C 15/04        |
| (31) Priority Document No                     | :10 2006 061 328.7 |
| (32) Priority Date                            | :22/12/2006        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2007/010696 |
| Filing Date                                   | :08/12/2007        |
| (87) International Publication No             | :WO 2008/080509    |
| (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)GEBR. PFEIFFER AG**

Address of Applicant :BARBAROSSASTRASSE 50-54,  
67655 KAISERSLAUTERN Germany

(72)Name of Inventor :

**1)SCHÜTTE, KARL-HEINZ**

**2)HOFFMANN, DIRK**

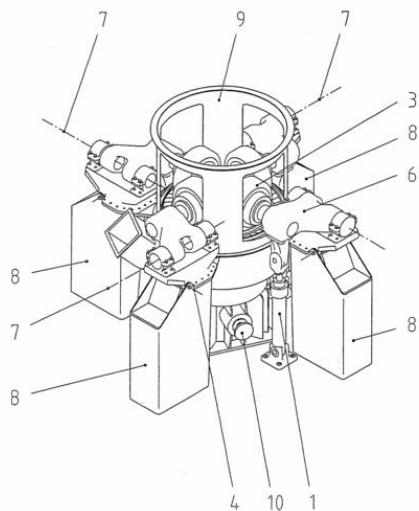
**3)JUNG, OTTO**

**4)LESSMEISTER, HARDY**

**5)FRANKENBERGER, RALF**

(57) Abstract :

The subject of the invention is roller mills, comprising a housing (9), a grinding plate (2) with a drive (10),and grinding rollers (3) which roll down on the grinding plate (2), wherein rockers (6) and rocker axes (7) are provided for each grinding roller (3), as well as tensioning devices having hydraulic cylinders (1) for pressing the grinding rollers (3) onto the grinding plate (2). A swivel device having a swivel axis (4) is provided for each grinding roller (3). The hydraulic cylinders (1) are capable of swiveling the grinding rollers (3) out of the housing (9). The grinding rollers (3) are mounted next to the mill housing (9) on consoles (8), and the hydraulic cylinders are located next to the consoles (8).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2009

(21) Application No.2267/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : INHALATION DEVICE FOR DRUGS IN POWDER FORM

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :A61M 15/00        |
| (31) Priority Document No                     | :10 2006 062 196.4 |
| (32) Priority Date                            | :22/12/2006        |
| (33) Name of priority country                 | :Germany           |
| (86) International Application No             | :PCT/EP2007/011372 |
| Filing Date                                   | :21/12/2007        |
| (87) International Publication No             | :WO 2008/077623    |
| (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)LABORATORIOS ALMIRALL, S.A.

Address of Applicant :RONDA DEL GENERAL MITRA,  
151, E-08022 BARCELONA Spain

(72)Name of Inventor :

1)HERDER, MARTIN

2)LUDANEK, GERHARD

3)METT, INGO

(57) Abstract :

To provide an inhalation device which has improved use properties, particularly advanced moisture protection while in use, an inhalation device (1) for powder drugs is proposed comprising at least one storage chamber (13) for accommodating a plurality of drug powder doses and a dosing device which includes at least one dosing slider (15) which is movable approximately with a translatory movement in a dosing slider passage (16) at least from a filling position into an emptying position, wherein the inhalation device (1) further includes a device for inhalation-triggered automatic movement of the dosing slider (15) from its filling position into the emptying position and a return device for automatic movement of the dosing slider (15) back into the filling position.

No. of Pages : 99 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/06/2009

(21) Application No.2268/KOLNP/2009 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : INDUCTIVE POWER SUPPLY WITH DEVICE IDENTIFICATION

|                                               |                         |                                                                                                                                                                                |
|-----------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G06K 7/00,H04B<br>5/00 | (71) <b>Name of Applicant :</b><br><b>1)ACCESS BUSINESS GROUP INTERNATIONAL LLC</b><br>Address of Applicant :MAIL CODE 78-2G, 7575 FULTON<br>STREET EAST, ADA, MI 49355 U.S.A. |
| (31) Priority Document No                     | :60/883,127             |                                                                                                                                                                                |
| (32) Priority Date                            | :02/01/2007             |                                                                                                                                                                                |
| (33) Name of priority country                 | :U.S.A.                 |                                                                                                                                                                                |
| (86) International Application No             | :PCT/IB2007/055339      |                                                                                                                                                                                |
| Filing Date                                   | :28/12/2007             |                                                                                                                                                                                |
| (87) International Publication No             | :WO 2008/081405         |                                                                                                                                                                                |
| (61) Patent of Addition to Application Number | :NA                     |                                                                                                                                                                                |
| Filing Date                                   | :NA                     |                                                                                                                                                                                |
| (62) Divisional to Application Number         | :NA                     |                                                                                                                                                                                |
| Filing Date                                   | :NA                     |                                                                                                                                                                                |

(57) Abstract :

An inductive power supply system (10) to identify remote devices (14) using unique identification frequencies. The system includes an AIPS (12) and a tank circuit (48) capable of inductively providing power to a remote device (14) at different frequencies, and a sensor (16) for sensing the reflected impedance of the remote device at tank circuit (48). The system further includes a plurality of different remote devices (14), each having a unique resonance frequency. In operation, the AIPS (12) is capable of identifying the type of remote device (14) present in the inductive field by applying power to a remote device (14) at a plurality of unique identification frequencies until the remote device (14) establishes resonance in response to one of the identification frequencies. The AIPS (12) includes a controller (40) that recognizes when resonance has been established by evaluating sensor data, which is representative of the reflected impedance of the remote device (14). Once the identity of a remote device is determined, the AIPS (12) may pull operating parameters for the remote device (14) from memory (24) to ensure efficient operation and to assist in recognizing fault conditions.

No. of Pages : 32 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/06/2009

(21) Application No.2269/KOLNP/2009 A

(43) Publication Date : 03/07/2009

---

(54) Title of the invention : INDUCTIVELY-POWERED GAS DISCHARGE LAMP CIRCUIT

|                                               |                    |
|-----------------------------------------------|--------------------|
| (51) International classification             | :H05B 41/295       |
| (31) Priority Document No                     | :11/620,840        |
| (32) Priority Date                            | :08/01/2007        |
| (33) Name of priority country                 | :U.S.A.            |
| (86) International Application No             | :PCT/IB2007/055300 |
| Filing Date                                   | :21/12/2007        |
| (87) International Publication No             | :WO 2008/084358    |
| (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)ACCESS BUSINESS GROUP INTERNATIONAL LLC**  
Address of Applicant :7575 FULTON STREET EAST, MAIL  
CODE 78-2G, ADA, MICHIGAN 49355 U.S.A.

(72)Name of Inventor :

**1)BAARMAN, DAVID W.**  
**2)MOLLEMA, SCOTT A.**  
**3)STOIDDARD, RONALD L.**  
**4)SCHWANNECKE, JOSHUA K.**

(57) Abstract :

An inductively powered gas discharge lamp assembly having a secondary circuit with starter circuitry that provides pre-heating when power is supplied to the secondary circuit at a pre-heat frequency and that provides normal operation when power is supplied to the secondary circuit at an operating frequency. In one embodiment, the starter circuitry includes a pre-heat capacitor connected between the lamp electrodes and an operating capacitor located between the secondary coil and the lamp. The pre-heat capacitor is selected so that the electrical flow path through the pre-heat capacitor has a lesser impedance than the electrical flow path through the gas of the lamp when power is applied to the secondary circuit at the pre-heat frequency, and so that the electrical flow path through the pre-heat capacitor has a greater impedance than the electrical flow path through the gas when power is applied the operating frequency. The primary circuit may include a tank circuit for which the resonant frequency can be adjusted to match the pre-heat frequency and the operating frequency.

No. of Pages : 26 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2004

(21) Application No.721/KOL/2004 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SNACK FOOD AND PRODUCING METHOD THEREOF

|                                                              |               |
|--------------------------------------------------------------|---------------|
| (51) International classification                            | :A23G<br>3/00 |
| (31) Priority Document No                                    | :NA           |
| (32) Priority Date                                           | :NA           |
| (33) Name of priority country                                | :NA           |
| (86) International Application No<br>Filing Date             | :NA           |
| (87) International Publication No                            | : NA          |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA           |
| (62) Divisional to Application Number<br>Filing Date         | :NA           |

(71)Name of Applicant :

1)WATANABE ISAO

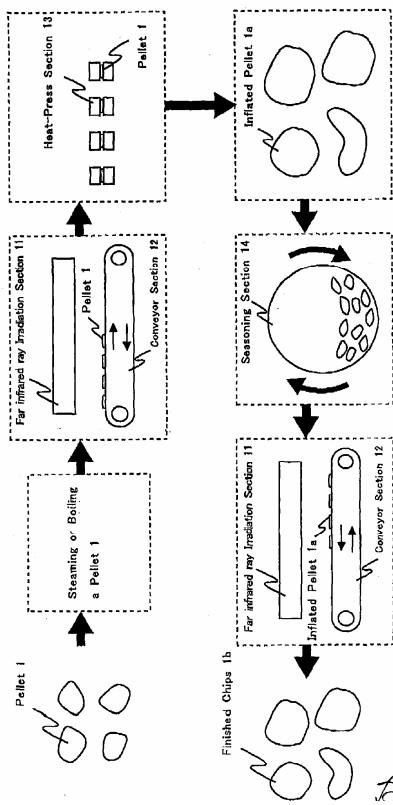
Address of Applicant :6-1, SOUEN, BEPPU-SHI, OITA, 874-0838 Japan

(72)Name of Inventor :

1)WATANABE ISAO

(57) Abstract :

Potatoes are skin pared, pelletized, steamed or boiled, dried and inflated by an infrared ray or a microwave, sprayed with seasonings without oil or limited quantity of oil, and dried such that a snack food containing little oil which originally contains in a material having a crunching feel when bitten is produced.



No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/10/2006

(21) Application No.1149/KOL/2006 A

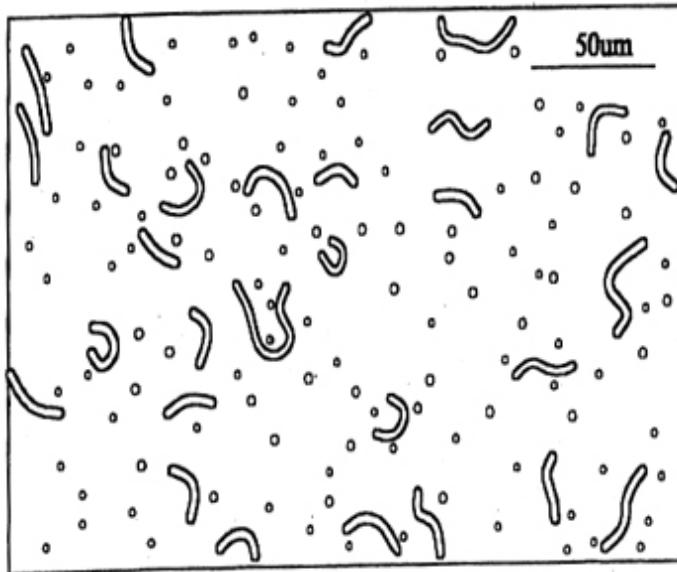
(43) Publication Date : 03/07/2009

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR ORAL AND TOPICAL ADMINISTRATION

|                                                              |                                      |                                                                                                                                                                                                       |
|--------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :A61K47/10;<br>A23L1/00;<br>A23L1/09 | (71) <b>Name of Applicant :</b><br><b>1)IVAX PHARMACEUTICALS s.r.o.</b><br>Address of Applicant :OPAVA-KOMAROV OSTRAVSKA<br>29 INDICATION NO. 305 POSTAL CODE 747 70 CZECH<br>REPUBLIC Czech Republic |
| (31) Priority Document No                                    | :9919288.2                           |                                                                                                                                                                                                       |
| (32) Priority Date                                           | :17/08/1999                          |                                                                                                                                                                                                       |
| (33) Name of priority country                                | :U.K.                                |                                                                                                                                                                                                       |
| (86) International Application No<br>Filing Date             | :PCT/GB00/03161<br>:17/08/2000       | (72) <b>Name of Inventor :</b><br><b>1)ANDRYSEK,TOMAS</b><br><b>2)STUCHLIK, MILAN</b><br><b>3)VRANA, Ales</b><br><b>4)JEGOROV, Alexandr</b><br><b>5)STUCHLIK, Josef</b><br><b>6)MATHA, Vladimir</b>   |
| (87) International Publication No                            | :WO/2001/012229                      |                                                                                                                                                                                                       |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA                           |                                                                                                                                                                                                       |
| (62) Divisional to Application Number<br>Filed on            | :IN/PCT/2002/241<br>:18/02/2002      |                                                                                                                                                                                                       |

(57) Abstract :

A pharmaceutical formulation for oral or topical administration including a) 0.1 to 30.0% of one or more hydrophobic active ingredients; b) 0.1 to 60.0% of one or more gelators selected from polyglycerol esters of fatty acids of the kind such as herein described and having an HLB value not less than 10; c) 0.1 to 60.0% of one or more gel-creating substances selected from polyglycerol esters of fatty acids and/or unsaturated fatty acids of the kind such as herein described and having an HLB value not greater than 9; d) 1.0 to 60% of one or more co-gelator substances selected from triglyceride macrogol glycerol esters, partial glycerides or fatty acids or macrogol esters of fatty acids in which the average quantity of reacted ethylene oxide in the synthesis of these substances ranges between 50 to 150 mols and concurrently the ratio between components b) and d) is from 0.1:1 to 10:1; and e) 5.0 to 30% of one or more C2 to C4 alcohols; wherein the above percentages are selected to total 100%; and wherein upon dilution with water the formulation forms a dispersion of polymorphous gel particles having a dimension of 0.2 to 500μm.



No. of Pages : 36 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/01/2007

(21) Application No.68/KOL/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : A RAILWAY WAGON FOR LOADING AND TRANSPORTING THE CARS, A SYSTEM THEREFOR AND A METHOD FOR LOADING AND TRANSPORTING THE CARS

|                                                              |           |
|--------------------------------------------------------------|-----------|
| (51) International classification                            | :B61F5/00 |
| (31) Priority Document No                                    | :NA       |
| (32) Priority Date                                           | :NA       |
| (33) Name of priority country                                | :NA       |
| (86) International Application No<br>Filing Date             | :NA       |
| (87) International Publication No                            | : NA      |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA       |
| (62) Divisional to Application Number<br>Filing Date         | :NA       |

(71)Name of Applicant :

1)TITAGARH WAGONS LIMITED

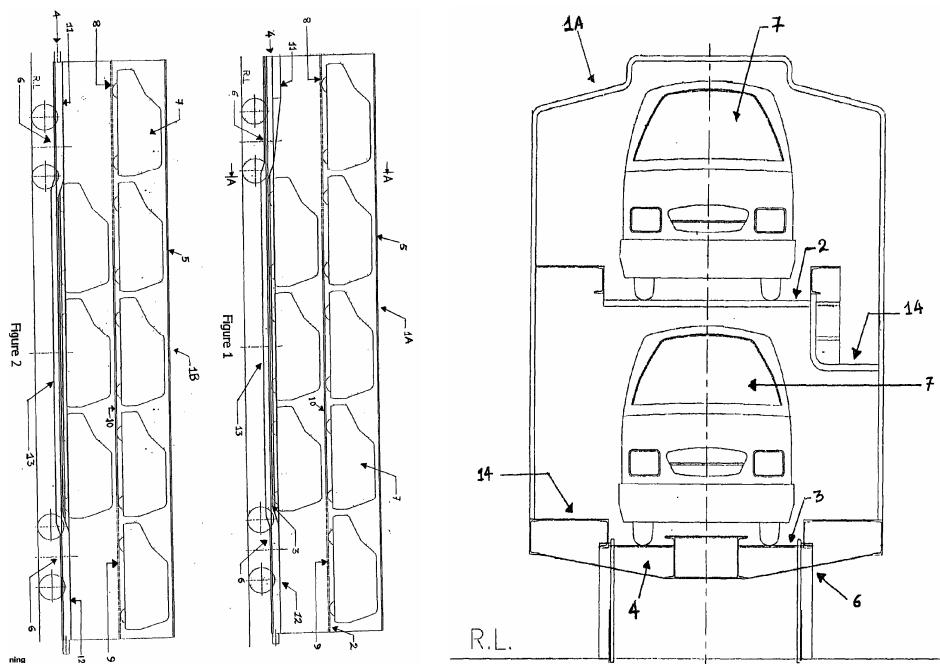
Address of Applicant :PREMLATA', 39,SHAKESPEARE SARANI,4TH FLOOR,KOLKATA-700017 West Bengal India

(72)Name of Inventor :

1)SYED ABDUL HADI

(57) Abstract :

The present invention relates to a railway wagon for loading and transporting vehicles like cars comprising; at least two decks, a lower deck and an upper deck, each deck having predetermined roof clearance commensurate with the height of the vehicles to be transported, an underframe, stanchions, purlins, body sides, body ends and end doors together defining the superstructure of the wagon, and at least a pair of bogies. The upper deck has a movable front section, a movable rear section and a fixed intermediate section, the lengths of the movable sections of the upper deck being determined by the length of the vehicles to be carried. The movable front and rear sections of the upper deck being adapted to be actuated to adjust the roof clearance at the front and rear portions of the lower deck; the lower deck between the bogie centres being depressed to form a middle well portion.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/04/2007

(21) Application No.629/KOL/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : A CHEAP CHEMICAL-FREE PROCEDURE FOR DEVELOPING SWEET DIABETIC-FRIENDLY AND ACCEPTABLE MIXTURE OF STEVIA LEAF AND TEA/COFFEE

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|                                                              |                        |                                                                                                                                      |
|--------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :A23L1/22;<br>A23L1/22 | (71) <b>Name of Applicant :</b><br><b>1)BHARATI PADAM</b><br>Address of Applicant :300, BLOOM FIELD, DARJEELING<br>West Bengal India |
| (31) Priority Document No                                    | :NA                    | (72) <b>Name of Inventor :</b>                                                                                                       |
| (32) Priority Date                                           | :NA                    | <b>1)BHARATI PADAM</b>                                                                                                               |
| (33) Name of priority country                                | :NA                    |                                                                                                                                      |
| (86) International Application No<br>Filing Date             | :NA<br>:NA             |                                                                                                                                      |
| (87) International Publication No                            | : NA                   |                                                                                                                                      |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA             |                                                                                                                                      |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA             |                                                                                                                                      |

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(57) Abstract :

Stevia leaf is sweet but also bitter and has an unpleasant aftertaste. Its products including leaf powder, syrup as well as most brands of white powder extract are bitter, too, and possess the terrible aftertaste. Though, a few brands of non-bitter white powder extract are available, these are costly because of the non-availability of a cheaper technique to remove bitterness and aftertaste. And, no technique is available to remove bitterness and aftertaste in the whole leaf powder. In the present invention, bitterness and aftertaste are removed in the leaf powder itself which can result in non-bitter and pleasant products developed from it including white powder extract and these pleasant-tasting products become cheaper. The process utilized in this invention is heat-treatment as the sole agent of action and no chemical is used.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/05/2007

(21) Application No.765/KOL/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : MILD TRANSPARENT SOAP BAR AND THE PROCESS OF MAKING THE SAME

(51) International classification

:A61K8/46

(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)ITC LIMITED**

Address of Applicant :37, J.L. NEHRU ROAD, KOLKATA  
West Bengal India

(72)Name of Inventor :

**1)VENKATESWARAN, KRISHNAN**

**2)CHANDRASEKHARAN, LAKSHMANAN, CHITTUR**

**3)BALAKRISHNAN, KARAPPULLI, PARAMBIL**

**4)BANERJEE, APABRINA**

**5)MOHAN, APARNA**

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(57) Abstract :

A transparent solid soap composition comprising cleansing agents, fatty acids, hydrotropes and at least one vegetable oil. The said solid soap composition is a mild soap. A process for preparing the transparent solid soap comprising saponification of the fatty acids with the oils, addition of the hydrotope, and cooling to form the transparent soap.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/05/2007

(21) Application No.766/KOL/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : CONDITIONING SHAMPOO COMPOSITION WITH A UNIQUE MOISTURIZING SYSTEM

|                                               |           |                                                                                                                                    |
|-----------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61Q5/00 | (71) <b>Name of Applicant :</b><br><b>1)ITC LIMITED</b><br>Address of Applicant :37, J.L. NEHRU ROAD, KOLKATA<br>West Bengal 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><br><b>1)TRIPATHI, VIRENDRA</b><br><b>2)GHOLAP, ANJALI</b><br><b>3)PADMANABHAN, VIJAYAN</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 an aqueous composition comprising at least one moisturizing system comprising at least one amino acid, derivative thereof, at least one vitamin, derivative thereof and at least one conditioning system comprising polyquaternium 7 and microemulsified dimethiconol for use in hair wash or conditioning composition.

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

(12) PATENT APPLICATION PUBLICATION  
(19) INDIA  
(22) Date of filing of Application :29/06/2007

(21) Application No.943/KOL/2007 A  
(43) Publication Date : 03/07/2009

(54) Title of the invention : DEVELOPMENT OF AL-KILLED REPHOSPHORIZED HAVING 340-440 MPA UTS, DRAWING QUALITY STEEL SHEET FOR AUTOMOTIVE APPLICATION

|                                               |            |                                                                                                                    |
|-----------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :B01D39/12 | (71) <b>Name of Applicant :</b><br><b>1)TATA STEEL LIMITED</b><br>Address of Applicant :JAMSHEDPUR Jharkhand India |
| (31) Priority Document No                     | :NA        |                                                                                                                    |
| (32) Priority Date                            | :NA        |                                                                                                                    |
| (33) Name of priority country                 | :NA        | (72) <b>Name of Inventor :</b>                                                                                     |
| (86) International Application No             | :NA        | <b>1)BASUDEV BHATTACHARYA</b>                                                                                      |
| Filing Date                                   | :NA        | <b>2)AVATAR SINGH SAINI</b>                                                                                        |
| (87) International Publication No             | : NA       | <b>3)RAMESH CHANDRA SINHA</b>                                                                                      |
| (61) Patent of Addition to Application Number | :NA        | <b>4)T. VENUGOPALAN</b>                                                                                            |
| Filing Date                                   | :NA        |                                                                                                                    |
| (62) Divisional to Application Number         | :NA        |                                                                                                                    |
| Filing Date                                   | :NA        |                                                                                                                    |

(57) Abstract :

The invented product is a steel grade for automotive stamping applications. It is a low carbon based steel composition, strengthened by suitable additions of phosphorus and manganese. The processing schedules, including steel making, hot rolling, cold rolling and annealing, have been determined appropriately so as to achieve desired drawability and strength. The material is also adequately weldable. 8 Chemical composition C% Mn% S% P% Si% Al% N (ppm) 0.04-0.06 0.3-15 0.01 0.05-0.09 0.01 0.04-0.05 35-50 max max Physical processing a) hot charging of slabs to reheat furnace b) slab drop out @ around-1200°C c) finish rolling @ higher than Ar3 temperature - 900 - 910°C d) cooling @ 550 - 560°C e) cold rolling @ 66 - 74% f) batch annealing @ hot spot temperature-700°C - 720°C and cold spot temperature 620 - 640° (table suitably adjusted) g) skin pass rolling @ 1.0% temper elongation 9 Test results (two results are given below for each grade of Al-killed rephos family): SteelGrades Width(mm) Thickness(mm) YS(MPa) UTS (MPa) %EI r-bar Al-killed 1370 0.8 194 346 41 1.75 Rephos 1370 0.8 218 364 39 1.8 340 Desirable properties 155-255 340 min 37 min 1.4 min Al-killed 1220 0.9 268 412 39 1.72 Rephos 1220 1.0 41 257 405 1.68 390 Desirable properties 195-295 390 min 33 min 1.46 min Al-killed 1150 1.8 293 444 36 1.46 Rephos 1150 1.4 310 446 37 1.46 440 Desirable Properties 225-335 440 min 32 min 1.3 min Secondary work embrittlement property: OK upto - 30°C (tested for rephos - 340 and rephos - 390, rephos - 440 was not tested, but expected to show same property due to same phosphorus content as in rephos - 390)

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/07/2007

(21) Application No.1032/KOL/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : AN IMPROVED WHEEL LOADING SHOVEL

|                                                              |               |                                                                                                                                                                                                                  |
|--------------------------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :E02F<br>3/40 | (71) <b>Name of Applicant :</b><br><b>1)JCB MANUFACTURING LTD.</b><br>Address of Applicant :"UDAYACHAL" BUILDING, SUITE NO. 6 2ND FLOOR NO. 9, SAROJINI NAIDU SARANI, (RAWDON STREET), KOLKATA West Bengal India |
| (31) Priority Document No                                    | :NA           |                                                                                                                                                                                                                  |
| (32) Priority Date                                           | :NA           |                                                                                                                                                                                                                  |
| (33) Name of priority country                                | :NA           |                                                                                                                                                                                                                  |
| (86) International Application No<br>Filing Date             | :NA<br>:NA    | (72) <b>Name of Inventor :</b><br><b>1)JASON BURGESS</b><br><b>2)RAJESH BHADAURIA</b>                                                                                                                            |
| (87) International Publication No                            | : NA          |                                                                                                                                                                                                                  |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA    |                                                                                                                                                                                                                  |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA    |                                                                                                                                                                                                                  |

(57) Abstract :

This invention relates to an improved wheel loading shovel comprising of a cabin having curved section laminated glass and an adjustable steering column, a fan for cooling pack provided remotely from the engine, wing type of side opening engine covers and an electronic device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/07/2007

(21) Application No.1033/KOL/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : AN IMPROVED EXCAVATOR

|                                               |               |                                                                                                                                                                                                                   |
|-----------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :E02D<br>3/12 | (71) <b>Name of Applicant :</b><br><b>1)JCB MANUFACTURING LTD.</b><br>Address of Applicant :"UDAYACHAL" BUILDING, SUITE NO. 6, 2ND FLOOR NO. 9, SAROJINI NAIDU SARANI, (RAWDON STREET), KOLKATA West Bengal 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)ANDREW THOMAS</b>                                                                                                                                                                                            |
| (87) International Publication No             | : NA          | <b>2)VIKAS SACHDEVA</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 an improved excavator comprising of a cabin having a slidable front glass and a rotatable console, an electronic device and top cover with anti skid pattern, which is having atleast two operational modes.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2007

(21) Application No.1077/KOL/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : AN IMPROVED WAGON FOR TRANSPORTATION OF ALUMINA POWDER BY FREIGHT TRAINS

|                                                              |               |                                                                                                                                                                                                                       |
|--------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification                            | :A47B<br>3/00 | (71) <b>Name of Applicant :</b><br><b>1)BESCO ENGINEERING &amp; SERVICES (PVT.) LTD.</b><br>Address of Applicant :"KRISHNA BUILDING", ROOM NO.<br>914, 9TH FLOOR, 224, A.J.C. BOSE ROAD, KOLKATA West<br>Bengal India |
| (31) Priority Document No                                    | :NA           |                                                                                                                                                                                                                       |
| (32) Priority Date                                           | :NA           |                                                                                                                                                                                                                       |
| (33) Name of priority country                                | :NA           |                                                                                                                                                                                                                       |
| (86) International Application No<br>Filing Date             | :NA<br>:NA    | (72) <b>Name of Inventor :</b><br><b>1)TANTIA, OM PRAKASH</b>                                                                                                                                                         |
| (87) International Publication No                            | : NA          |                                                                                                                                                                                                                       |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA    |                                                                                                                                                                                                                       |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA    |                                                                                                                                                                                                                       |

(57) Abstract :

The main object of the present invention therefore, is to provide an improved wagon for transportation of alumina powder with increased volumetric capacity for carrying higher pay load. Another object of the present invention is to effect reduction in empty wagon weight by reducing the heavy brake iron work. Yet another object of the invention is to provide a wagon end with a profile that can reduce the air resistance, resulting in saving of fuel during train operation. These and other objects of the invention can be achieved by redistribution of the structural design of the superstructure of the wagon as a whole with innovative application of design skills at various levels. In a preferred embodiment the invention provides an improved wagon for transportation of alumina powder by freight trains comprising: a shell with manhole covers at loading points located within the moving dimensions of a standard "X" class engine, and a bottom frame work with a profile; characterized in that said manhole cover frame work is so designed to allow said shell to be raised upto the maximum height permissible within said moving dimensions; and in that said bottom framework is with a larger depth, light weight construction with an improved profile for substantial increase in the volumetric capacity of the shell.

No. of Pages : 14

No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2007

(21) Application No.1089/KOL/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : AN IMPROVED PROCESS FOR O-DEMETHYLATION OF VENLAFAKINE

|                                               |              |
|-----------------------------------------------|--------------|
| (51) International classification             | :A61K031/137 |
| (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)LUPIN LIMITED

Address of Applicant :159, CST ROAD, KALINA,  
SANTACRUZ (EAST), MUMBAI-400 098,  
MAHARASHTRA, INDIA AND ALSO HAVING A PLACE  
OF BUSINESS AT 1/1, SASHI SHEKHAR BOSE ROAD,  
KOLKATA

(72)Name of Inventor :

1)SINGH, GIRIJ, PAL

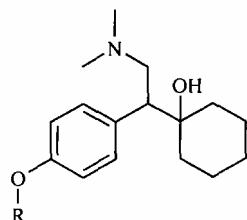
2)SINGH, GURVINDER, PAL

3)TAMBE, SUHAS

4)KARNALKAR, DABEER

(57) Abstract :

A process for the preparation of O-desmethylvenlafaxine of formula I comprising the reaction of venlafaxine of formula II or an acid addition salt of venlafaxine with an O-demethylating reagent selected from a dithiol and a disulfide, amino thiol. A process for the preparation of O-desmethylvenlafaxine of formula I comprising the reaction of venlafaxine of formula II or an acid addition salt of venlafaxine with 1,2-ethanedithiolate anion in the presence of a base in a one-pot reaction. A process for the preparation of O-desmethylvenlafaxine of formula I comprising the reaction of venlafaxine of formula II or an acid addition salt of venlafaxine with 2-(diethylamino)ethanethiol in the presence of a base in a one-pot reaction. Polymorphic Form A of O-desmethylvenlafaxine



R = H O-desmethylvenlafaxine (I)

R = Me Venlafaxine (II)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/08/2007

(21) Application No.1100/KOL/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PROCESS FOR THE METHOD OF ESTIMATION OF WATER CONTENT IN OILS

|                                               |                                  |                                                                                                                              |
|-----------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G01R<br>27/04;<br>G01R<br>27/32 | (71) <b>Name of Applicant :</b><br><b>1)TATA STEEL LIMITED</b><br>Address of Applicant :JAMSHEDPUR 831001 Jharkhand<br>India |
| (31) Priority Document No                     | :NA                              | (72) <b>Name of Inventor :</b>                                                                                               |
| (32) Priority Date                            | :NA                              | <b>1)DR. P. SRINIVAS</b>                                                                                                     |
| (33) Name of priority country                 | :NA                              | <b>2)MR. A.K. GHOSH</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 :

A process for the estimation of water content in an oil sample comprising the steps of adding a regenerated solvent from the previous step, to a oil sample to obtain a mixture, following by distillation of the mixture, allowing the distillate containing solvent and water, to condense and collecting the condensed water and solvent in a trap, measuring the volume of water collected, subjecting the remaining solvent to regeneration and collecting the regenerated solvent for the next measurement.

No. of Pages : 8 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/09/2007

(21) Application No.1266/KOL/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : METHOD FOR ESTIMATION OF SULPHUR IN COKE SAMPLES

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|                                               |            |
|-----------------------------------------------|------------|
| (51) International classification             | :C10B57/00 |
| (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)TATA STEEL LIMITED**

Address of Applicant :JAMSHEDPUR 831001 Jharkhand  
India

(72)**Name of Inventor :**

**1)ALOKE KUMAR**

**2)L K SINGH SARDAR**

---

(57) Abstract :

1. A method for the estimation of sulphur in a coke sample, comprising the steps of igniting the coke sample in a stream of oxygen to convert the sulphur in the sample to sulphur dioxide, passing the sulphur dioxide into a solution of iodine, followed by estimation of the excess iodine, and calculating the quantity of sulphur from the formula X(0.1) x standard correction where X= volume of Potassium iodate solution.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/09/2007

(21) Application No.1272/KOL/2007 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : AN IMPROVED PROCESS FOR PRODUCTION OF HIGH CARBON FERROCHROME (HCFECCR) AND CHARGE CHROME WITH THE USE OF A NEW TYPE OF CHROMITE ORE AGGLOMERATES

|                                                              |                          |
|--------------------------------------------------------------|--------------------------|
| (51) International classification                            | :C22C33/00;<br>C22C33/00 |
| (31) Priority Document No                                    | :NA                      |
| (32) Priority Date                                           | :NA                      |
| (33) Name of priority country                                | :NA                      |
| (86) International Application No<br>Filing Date             | :NA<br>:NA               |
| (87) International Publication No                            | : NA                     |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA               |
| (62) Divisional to Application Number<br>Filing Date         | :NA<br>:NA               |

(71)Name of Applicant :

1)TATA STEEL (KZN) (PTY) LIMITED

Address of Applicant :TATA HOUSE, 39 FERGUSON  
ROAD, CNR. FERGUSON & RIVONIA RD., ILLOVO 2196,  
JOHANNESBURG South Africa

(72)Name of Inventor :

1)RANJAN SEN

(57) Abstract :

An improved process for production of High Carbon Ferrochrome (HCFeCr) and Charge Chrome with the use of a new type of chromite ore agglomerates and a process for production of briquettes from chrome ore fines and concentrates. A method for improved process for production of High Carbon Ferrochrome (HCFeCr) and Charge Chrome comprising: blending dried chrome concentrate and chromite fines in all possible proportions to form raw feed ore; subjecting the raw feed ore to the step of mixing hydrated lime, molasses and bentonite as the binders to the said mixture to form briquetting mixture feed; forming briquettes from the said mixture by compaction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2007

(21) Application No.1318/KOL/2007 A

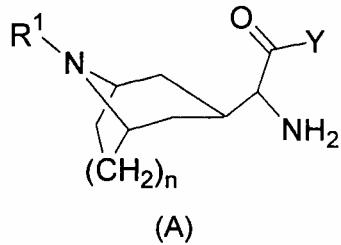
(43) Publication Date : 03/07/2009

(54) Title of the invention : NOVEL COMPOUNDS AS DIPEPTIDYL PEPTIDASE IV (DPP IV ) INHIBITORS

|                                               |                                                    |                                                                                                                                                                                                                                                                      |
|-----------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C07K1/02;<br>A61K31/403;<br>C07C51/09;<br>C07C209 | (71) <b>Name of Applicant :</b><br><b>1)LUPIN LIMITED</b><br>Address of Applicant :159, CST ROAD, KALINA,<br>SANTACRUZ (EAST), MUMBAI - 400 098, MAHARASHTRA,<br>INDIA AND ALSO HAVING A PLACE OF BUSINESS AT 1/1,<br>SASHI SHEKHAR BOSE ROAD, KOLKATA 700 025 India |
| (31) Priority Document No                     | :NA                                                | (72) <b>Name of Inventor :</b>                                                                                                                                                                                                                                       |
| (32) Priority Date                            | :NA                                                | <b>1)ARORA, SUDERSHAN</b>                                                                                                                                                                                                                                            |
| (33) Name of priority country                 | :NA                                                | <b>2)SINHA, NEELIMA</b>                                                                                                                                                                                                                                              |
| (86) International Application No             | :NA                                                | <b>3)NAIR, PRATHAP</b>                                                                                                                                                                                                                                               |
| Filing Date                                   | :NA                                                | <b>4)CHAKKA, SAI KUMAR</b>                                                                                                                                                                                                                                           |
| (87) International Publication No             | : NA                                               | <b>5)HAJARE, ANIL</b>                                                                                                                                                                                                                                                |
| (61) Patent of Addition to Application Number | :NA                                                | <b>6)REDDY, AZMI</b>                                                                                                                                                                                                                                                 |
| Filing Date                                   | :NA                                                | <b>7)PATIL, PRAVIN</b>                                                                                                                                                                                                                                               |
| (62) Divisional to Application Number         | :NA                                                | <b>8)SAYYED, MAJID</b>                                                                                                                                                                                                                                               |
| Filing Date                                   | :NA                                                |                                                                                                                                                                                                                                                                      |

(57) Abstract :

The present invention is related to novel compounds of the general formula A , their tautomeric forms, their stereoisomers, their pharmaceutically acceptable salts, pharmaceutical compositions containing them, methods of making of the above compounds , and their use as Dipeptidyl Peptidase-IV (DPP-IV) Inhibitors which are useful in the treatment or prevention of diseases particularly Type II diabetes , other complications related to diabetes and other pathogenic conditions in which DPP IV enzyme is involved.



(A)

No. of Pages : 178 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/09/2007

(21) Application No.1324/KOL/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : PROCESS FOR PREPARING PERSONAL CLEANSING GEL COMPOSITION

|                                               |                                                   |                                                                                                                                   |
|-----------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :C11D17/08;<br>A61K7/50<br>A61K8/00;<br>A61K8/04; | (71) <b>Name of Applicant :</b><br><b>1)ITC LIMITED</b><br>Address of Applicant :37, J.L.NEHRU ROAD, KOLKATA<br>West Bengal India |
| (31) Priority Document No                     | :NA                                               | (72) <b>Name of Inventor :</b>                                                                                                    |
| (32) Priority Date                            | :NA                                               | <b>1)NAGESHWAR, JYOTI</b>                                                                                                         |
| (33) Name of priority country                 | :NA                                               | <b>2)BALAKRISHNAN, K.P.</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 :

A process for preparing a personal cleansing gel composition, the process comprising preparing a solution comprising a chelating agent, a humectant and a hot diluent; heating the solution to a temperature below 100°C and adding a neutralizer and at least one of a surfactant, a conditioner, or a combination thereof, to provide a transparent mass; adding to the transparent mass a UV absorber and a colorant followed by de-aeration; adding a solution of rheology modifier to the de-aerated mass to provide a thickened solution; cooling the thickened solution and optionally adding at least one of preservatives, fragrances, emotive ingredients, solubilizers, active ingredients, free-radical scavengers and antioxidants to provide the personal cleansing gel composition, wherein the rheology modifier is added after the addition of neutralizer and under continued de-aeration conditions.

No. of Pages : 28

No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2007

(21) Application No.1339/KOL/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : SYSTEM AND METHOD FOR HEDGING CURRENCY EXCHANGE RATE RISK ON EXPORTS AND IMPORTS IN RESPECT OF CURRENCY PAIRS ESPECIALLY US DOLLAR-INDIAN RUPEE

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|                                               |             |                                                                                                                                                                         |
|-----------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G06Q40/00; | (71) <b>Name of Applicant :</b><br><b>1)MURARKA VIKRAM</b><br>Address of Applicant :FLAT 6B-C, TOWER C, HASTINGS COURT, 96, GARDEN REACH ROAD KOLKATA West Bengal 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         | (72) <b>Name of Inventor :</b><br><b>1)MURARKA VIKRAM</b>                                                                                                               |
| Filing Date                                   | :NA         |                                                                                                                                                                         |
| (62) Divisional to Application Number         | :NA         |                                                                                                                                                                         |
| Filing Date                                   | :NA         |                                                                                                                                                                         |

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(57) Abstract :

The present invention relates to a system of hedging the currency risk on currencies or between pair of currencies for Export and Import transactions. The system comprises means for assigning dynamic benchmark rates for the currency exchange rate for predetermined periods, means for tracking errors between the assigned benchmarks and the exchange rates that subsequently actually prevail for a particular forecasted period and means for estimating high and/or low deviation on either side. The means for estimation receives data from said means for tracking errors whereby error factors being processed by the means for estimation so as to indicate possible high and/or low deviation on either side from said set of benchmarks. The present invention also relates to a method for hedging currency risk on currencies or pair of currencies for Export and import transactions.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/10/2007

(21) Application No.1434/KOL/2007 A

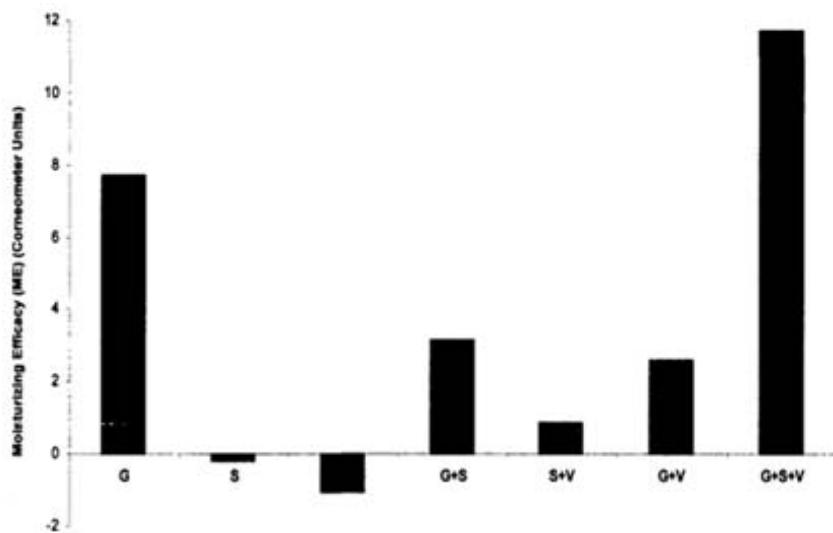
(43) Publication Date : 03/07/2009

(54) Title of the invention : SYNERGISTIC SKIN CARE COMPOSITION

|                                               |                                                  |                                                                                                                                    |
|-----------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :A61K8/30;<br>A61K8/00;<br>A61K8/19;<br>A61K8/31 | (71) <b>Name of Applicant :</b><br><b>1)ITC LIMITED</b><br>Address of Applicant :37, J.L. NEHRU ROAD, KOLKATA<br>West Bengal India |
| (31) Priority Document No                     | :NA                                              | (72) <b>Name of Inventor :</b>                                                                                                     |
| (32) Priority Date                            | :NA                                              | <b>1)KRISHNAN. V</b>                                                                                                               |
| (33) Name of priority country                 | :NA                                              | <b>2)SHINTRE, MILIND</b>                                                                                                           |
| (86) International Application No             | :NA                                              | <b>3)KOUSHIK V.S.</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 composition comprising at least one polyol, at least one silicone and at least one vitamin. In particular the invention discloses compositions comprising synergistic combinations of at least one polyol, at least one silicone and at least one vitamin derivative. The combination may be used suitably in cosmetic and dermatological compositions and in compositions of topical, pharmaceuticals or therapeutic use.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2007

(21) Application No.1596/KOL/2007 A

(43) Publication Date : 03/07/2009

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(54) Title of the invention : A LAP COUNTING DEVICE FOR DEVOTEES OFFERING PRAYERS IN TEMPLES

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|                                               |            |                                                                                                                                                                        |
|-----------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (51) International classification             | :G04F10/00 | (71) <b>Name of Applicant :</b><br><b>1)VENU MADHAV GUNDETI</b><br>Address of Applicant :C/O. HARSHAL NEMADE ECE<br>Dept. I.I.T GUWAHATI GUWAHATI ASSAM-781039 , India |
| (31) Priority Document No                     | :NA        |                                                                                                                                                                        |
| (32) Priority Date                            | :NA        |                                                                                                                                                                        |
| (33) Name of priority country                 | :NA        |                                                                                                                                                                        |
| (86) International Application No             | :NA        |                                                                                                                                                                        |
| Filing Date                                   | :NA        | (72) <b>Name of Inventor :</b>                                                                                                                                         |
| (87) International Publication No             | : NA       | <b>1)VENU MADHAV GUNDETI</b>                                                                                                                                           |
| (61) Patent of Addition to Application Number | :NA        | <b>2)HARSHAL NEMADE</b>                                                                                                                                                |
| Filing Date                                   | :NA        |                                                                                                                                                                        |
| (62) Divisional to Application Number         | :NA        |                                                                                                                                                                        |
| Filing Date                                   | :NA        |                                                                                                                                                                        |

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(57) Abstract :

An automatic lap counting system for devotees performing laps around the temple is disclosed. The system consists of a single transmitting unit and multiple receiving units that are carried by each of the devotees. Thus the devotees are able to monitor individual count and the receiving unit also indicates the successful completion of pre-assigned number of laps. By carrying such a device, the devotee can perform laps (pradakshinas) without worrying about the count and hence can be entirely devoted to God.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/06/2009

(21) Application No.2154/KOLNP/2009 A

(43) Publication Date : 03/07/2009

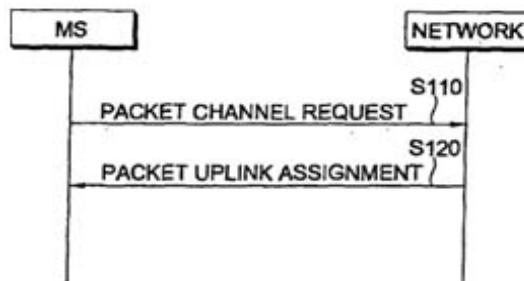
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(54) Title of the invention : METHOD OF CONTROLLING TRANSMIT POWER IN WIRELESS COMMUNICATION SYSTEM

|                                                  |                                   |                                                  |
|--------------------------------------------------|-----------------------------------|--------------------------------------------------|
| (51) International classification                | :H04B 7/26                        | (71)Name of Applicant :                          |
| (31) Priority Document No                        | :10-2007-0027159                  | 1)LG ELECTRONICS INC.                            |
| (32) Priority Date                               | :20/03/2007                       | Address of Applicant :20, YEOUIDO-DONG,          |
| (33) Name of priority country                    | :Republic of Korea                | YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea |
| (86) International Application No<br>Filing Date | :PCT/KR2008/001505<br>:18/03/2008 | (72)Name of Inventor :<br>1)KOO, HYOUN HEE       |
| (87) International Publication No                | :WO 2008/114987                   |                                                  |
| (61) Patent of Addition to Application<br>Number | :NA                               |                                                  |
| Filing Date                                      | :NA                               |                                                  |
| (62) Divisional to Application Number            | :NA                               |                                                  |
| Filing Date                                      | :NA                               |                                                  |

(57) Abstract :

A method of controlling a transmit power includes determining a power control parameter of an assigned timeslot, wherein the value of the power control parameter is a default value if the assigned timeslot is assigned with no power control parameter and the value of the power control parameter is the current value if the assigned timeslot is already used by the mobile station and determining the transmit power on an uplink channel.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/09/2008

(21) Application No.1527/KOL/2008 A

(43) Publication Date : 03/07/2009

(54) Title of the invention : SYSTEM AND METHOD FOR ESTIMATING VOLUMETRIC EFFICIENCY FOR ENGINES WITH INTAKE AND EXHAUST CAM PHASERS

|                                                              |             |
|--------------------------------------------------------------|-------------|
| (51) International classification                            | :G06F19/00  |
| (31) Priority Document No                                    | :11/965,130 |
| (32) Priority Date                                           | :27/12/2007 |
| (33) Name of priority country                                | :U.S.A.     |
| (86) International Application No<br>Filing Date             | :NA         |
| (87) International Publication No                            | : NA        |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA         |
| (62) Divisional to Application Number<br>Filing Date         | :NA         |

(71)Name of Applicant :

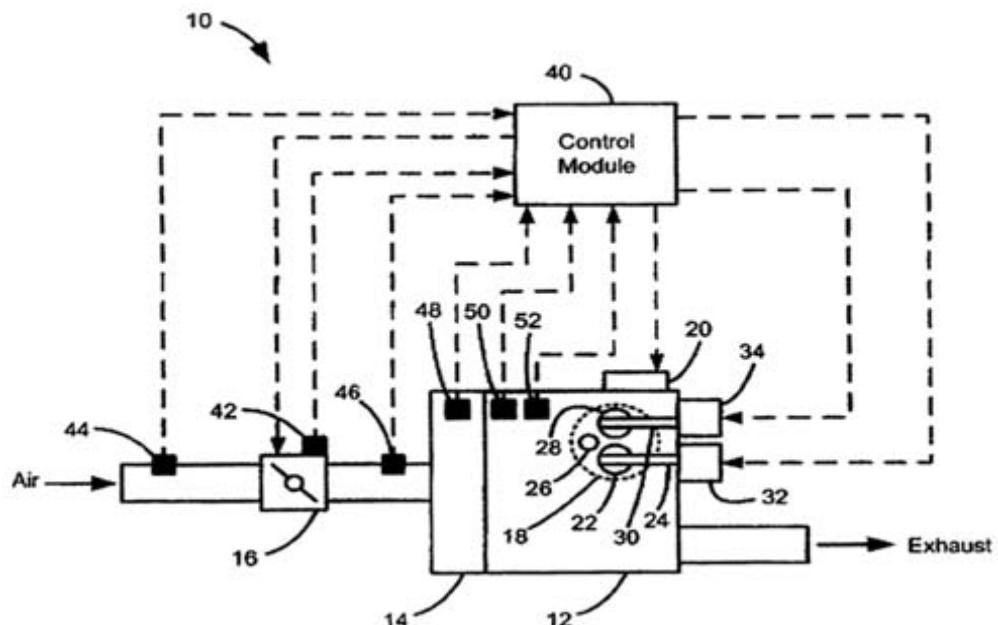
1)GM GLOBAL TECHNOLOGY OPERATIONS, INC.  
Address of Applicant :300 GM RENAISSANCE CENTER  
DETROIT, MICHIGAN U.S.A.

(72)Name of Inventor :

1)LAYNE K. WIGGINS  
2)KENNETH P. DUDEK  
3)JASON MEYER  
4)YANN G. GUEZENNEC

(57) Abstract :

An engine control module comprises a table that outputs a parked VE estimate based on an input parameter when intake and exhaust cam phasers of an engine are in a parked position. A calculation module calculates VE estimate when the intake and exhaust cam phasers are not in a parked position based on the parked VE estimate and a mathematical relationship.



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

## **RESTORATION UNDER SECTION 60 OF THE PATENTS ACT, 1970**

Notice is hereby given that an application for restoration of 204490 made by Mr. R. Selvaraj and Mr. K. Ravi on 27/06/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 200800 made by M/s. Oracle International Corporation on 24/06/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 205181 made by M/s. Cadbury Adams USA LLC (USA) on 11/07/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 202243 made by M/S. Mc Graw Edison Company, USA on 14/07/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 198059 made by M/s. Atlanta Electrical Insulation GMBH, Germany on 01/07/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 201905 made by M/S. Scinopharm Taiwan Limited, China on 17/06/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 204272 made by M/S. Fujikura Limited, Japan on 08/08/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 212180 made by Mr. M.U. Mahesh, Tamil Nadu on 06/10/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 202980 made by M/s. Real Image Media Technologies Pvt. Ltd., TamilNadu on 18/12/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 202969 made by M/s. Real Image Media Technologies Pvt. Ltd., Tamil Nadu on 04/12/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 211806 made by M/s. Ciba Specialty Chemicals Holding Inc., Switzerland on 12/11/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 209506 made by M/s. Epicept, Inc. on 20/11/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 198674 made by M/s. Exedy Corporation, Japan on 20/11/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 198036 made by

M/s. Exedy Corporation, Japan on 20/11/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 205721 made by  
M/s. Sundaram Clayton Limited, India on 26/11/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 179613 made by  
M/s. Sree Chitra Tirunal Institute for Medical Sciences and Technology, India on 01/12/2008 has been allowed  
and the said Patent is restored.

Notice is hereby given that an application for restoration of 179881 made by  
M/s. Sree Chitra Tirunal Institute for Medical Sciences & Technology, India. on 01/12/2008 has been allowed  
and the said Patent is restored.

Notice is hereby given that an application for restoration of 206761 made by  
M/s. Sree Chitra Tirunal Institute for Medical Sciences and Technology, India on 01/12/2008 has been allowed  
and the said Patent is restored.

Notice is hereby given that an application for restoration of 186462 made by  
M/s. Mederer GmbH, Germany on 20/10/1997 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 198859 made by  
M/s. Methanol Casale S.A., Switzerland on 01/12/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 200267 made by  
M/s. Urea Casale S A, Switzerland on 01/12/2008 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of 202265 made by  
M/s. Siemens Building Technologies AG, Switzerland on 01/12/2008 has been allowed and the said Patent is  
restored.

Notice is hereby given that an application for restoration of 207977 made by  
M/s. Robert Bosch GmbH, Germany on 10/11/2008 has been allowed and the said Patent is restored

**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.**

| 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             | 213200        | 883/MUMNP/2005     | 13/01/2004          | 13/01/2003       | A PROCESS OF MANUFACTURING ESTERS AND ETHERS OF PROBUCOL OR SALTS THEREOF | ATHEROGEN ICS, INC. | 21/10/2005                                | MUMBAI             |

## Publication Under Section 43(2) in Respect of the Grant

**Following Patents have been granted and any “person interested” in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.**

| 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             | 234821        | 26/KOLNP/2007       | 27/07/2006          | 21/10/2005       | AN APPARATUS AND A METHOD FOR THE PROVISION OF ACTIVATED INDICATORS FOR PRODUCT MARKING AND A PRODUCT MARKING             | BIZERBA GMBH & CO. KG.                                                           | 29/06/2007                                | KOLKATA            |
| 2             | 235374        | 1443/KOLNP/2005     | 15/01/2004          | 29/01/2003       | A FIBERIZING INSTALLATION DELIVERING FILMENT                                                                              | SAINT-GOBAIN VETROTEX FRANCE, S.A.                                               | 17/11/2006                                | KOLKATA            |
| 3             | 235375        | 1548/KOLNP/2003     | 04/06/2002          | 01/06/2001       | A COMPUTER DATA PROCESSING METHOD AND SYSTEM FOR PROCESSING AN ON-LINE PAYMENT TRANSACTION                                | EUROPEAN TAX FREE SHOPPING LIMITED                                               | 02/06/2006                                | KOLKATA            |
| 4             | 235376        | 160/KOLNP/2004      | 29/07/2002          | 14/08/2001       | A MULTIFOCAL OPHTHALMIC LENS                                                                                              | JOHNSON & JOHNSON VISION CARE, INC.                                              | 31/03/2006                                | KOLKATA            |
| 5             | 235377        | 592/KOLNP/2003      | 18/12/2001          | 21/12/2000       | METHOD FOR MULTIPLE STORE BUFFER FORWARDING IN A SYSTEM WITH A RESTRICTIVE MEMORY MODEL AND SYSTEM AND APPARATUS THEREFOR | INTEL CORPORATION                                                                | 02/06/2006                                | KOLKATA            |
| 6             | 235378        | 1385/KOLNP/2003     | 03/04/2002          | 23/04/2001       | SHIELDED ELECTRICAL CONNECTOR FOR PRINTED CIRCUIT BOARD                                                                   | MOLEX INCORPORATED                                                               | 31/03/2006                                | KOLKATA            |
| 7             | 235379        | 1648/KOLNP/2004     | 11/06/2003          | 11/06/2002       | A FILTER FORMED FROM A POLYMER MATERIAL AND METHOD OF FORMING IT                                                          | COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION,KELHEIM FIBRES GMBH | 02/06/2006                                | KOLKATA            |
| 8             | 235380        | IN/PCT/2002/302/KOL | 24/08/2000          | 30/08/1999       | A CIRCUIT INTERRUPTER HAVING A LOAD TERMINAL INSERTABLE INTO A BASE .                                                     | EATON CORPORATION                                                                | 05/12/2008                                | KOLKATA            |
| 9             | 235381        | 538/CAL/2002        | 13/09/2002          | 01/05/1998       | A RECORDING AND/OR REPRODUCING APPARATUS FOR RECORDING AND/OR REPRODUCING REAL TIME FILES ON A DISC.                      | SAMSUNG ELECTRONICS CO. LTD.                                                     | 11/03/2005                                | KOLKATA            |
| 10            | 235382        | 607/CAL/2001        | 22/10/2001          | 07/11/2000       | A SYSTEM AND METHOD FOR CONTROLLING A GROUP OF FIBRE PROCESSING MACHINES .                                                | TRUTZSCHLER GMBH & CO. KG.                                                       | 17/03/2006                                | KOLKATA            |
| 11            | 235383        | 113/KOL/2004        | 16/03/2004          | 27/03/2003       | A DYNAMICALLY VARIABLE BEAMWIDTH AND VARIABLE AZIMUTH SCANNING ANTENNA AND A METHOD THEREOF .                             | ANDREW CORPORATION                                                               | 25/08/2006                                | KOLKATA            |
| 12            | 235384        | 278/CAL/2002        | 08/05/2002          | 15/05/2001       | A ROTOR AND A METHOD FOR SUPPORTING A SUPER CONDUCTING COIL WINDING ON A ROTOR CORE OF A SYNCHRONOUS MACHINE .            | GENERAL ELECTRIC COMPANY                                                         | 11/03/2005                                | KOLKATA            |
| 13            | 235385        | IN/PCT/2000/52/KOL  | 13/10/1999          | 14/10/1998       | A METHOD AND APPARATUS FOR ASSEMBLING A                                                                                   | SHOWA CORPORATION                                                                | 05/12/2008                                | KOLKATA            |

|    |        |                      |            |            |                                                                                                                                                                                             |                                              |            |         |
|----|--------|----------------------|------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------|---------|
|    |        |                      |            |            | HYDRAULIC SHOCK ABSORBER .                                                                                                                                                                  |                                              |            |         |
| 14 | 235386 | 213/KOL/2005         | 24/03/2005 |            | AN IMPROVED LEAD-WIRE RESISTANCE COMPENSATION METHOD USING TWO-WIRE RESISTANCE TEMPERATURE DETECTOR .                                                                                       | MAITI TAPAN KUMAR                            | 26/08/2005 | KOLKATA |
| 15 | 235387 | 221/KOL/2006         | 17/03/2006 | 22/03/2005 | METHOD FOR TRANSMISSION OF CONTROL INFORMATION FOR THE ADJUSTMENT OF OPERATING PARAMETERS (PA, PB, PC) OF DRIVERS .                                                                         | INFINEON TECHNOLOGIES AG.                    | 03/08/2007 | KOLKATA |
| 16 | 235388 | 111/KOL/2006         | 07/02/2006 | 08/02/2005 | IMPROVED RISER TERMINATION DEVICE .                                                                                                                                                         | STONE & WEBSTER PROCESS TECHNOLOGY, INC      | 26/01/2007 | KOLKATA |
| 17 | 235389 | IN/PCT/2002/1295/KOL | 02/04/2001 | 31/03/2000 | UNIVERSAL DIGITAL MOBILE DEVICE .                                                                                                                                                           | ROLUS BORGWARD GLENN                         | 11/03/2005 | KOLKATA |
| 18 | 235390 | 1217/KOLNP/2005      | 24/12/2003 | 24/12/2002 | (R)-2-AMINO-1,4-DIHYDRO-6-METHYL-4-(3-NITROPHENYL)-3,5-PYRIDINEDICARBOXYLIC ACID 3-(1-DIPHENYLMETHYLAZETIDIN-3-YL) ESTER 5-ISOPROPYL ESTER OR A PHARMACOLOGICALLY ACCEPTABLE SALT THEREOF . | SANKYO COMPANY, LIMITED.,UBE INDUSTRIES,LTD. | 03/11/2006 | KOLKATA |
| 19 | 235391 | 467/KOL/2004         | 05/08/2004 |            | A PROCESS FOR PRODUCING FORMABLE COLD ROLLED STEEL SHEETS WITH LOW PLANAR ANISOTROPY .                                                                                                      | TATA STEEL LIMITED                           | 29/12/2006 | KOLKATA |
| 20 | 235392 | 1341/KOLNP/2004      | 24/03/2003 | 01/04/2002 | SUBSTITUTED PIPERAZINE COMPOUNDS .                                                                                                                                                          | ELI LILLY AND COMPANY                        | 14/07/2006 | KOLKATA |
| 21 | 235393 | 1748/KOLNP/2004      | 17/06/2003 | 18/06/2002 | METHOD AND PLANT FOR CONTROLLING THE COLONIZATION OF SUBMERGED STRUCTURE SURFACES BY AQUATIC FILTERING ORGANISMS .                                                                          | CHIMEC S.P.A.                                | 07/07/2006 | KOLKATA |
| 22 | 235394 | 221/KOL/2005         | 24/03/2005 |            | A PORTABLE REUSABLE TOTAL HEAT FLUX PROBE FOR MEASURING ABSORBED HEAT FLUX IN A BOILER FURNACE .                                                                                            | BHART HEAVY ELECTRICALS LIMITED              | 28/09/2007 | KOLKATA |
| 23 | 235395 | 726/KOLNP/2006       | 17/11/2004 | 17/11/2003 | METHOD OF INSTALLING/SECURING AT LEAST ONE DIVERTING PULLEY OF AN ELEVATOR AND THE ELEVATOR                                                                                                 | KONE CORPORATION                             | 03/08/2007 | KOLKATA |
| 24 | 235396 | 339/KOL/2004         | 22/06/2004 | 19/09/2003 | METHOD AND APPARATUS FOR CONTROLLING TORQUE DELIVERY IN MOTOR VEHICLE                                                                                                                       | BORGWARNER INC.                              | 01/09/2006 | KOLKATA |
| 25 | 235397 | 2619/KOLNP/2005      | 02/07/2004 | 03/07/2003 | AN APPARATUS AND METHOD FOR CONTINUOUSLY SINGLING LOOSE BANK NOTES                                                                                                                          | GIESECKE & DEVRIENT GMBH                     | 27/07/2007 | KOLKATA |
| 26 | 235398 | 220/CAL/1998         | 11/02/1998 | 12/02/1997 | PRINTING MACHINE                                                                                                                                                                            | WINDMOLLER & HOLSCHER                        | 30/11/2007 | KOLKATA |
| 27 | 235399 | 622/KOLNP/2003       | 31/10/2001 | 20/11/2000 | A HEAT DISSIPATION DEVICE AND A SYSTEM INCORPORATING THE SAME                                                                                                                               | INTEL CORPORATION                            | 05/12/2008 | KOLKATA |
| 28 | 235400 | 633/KOL/2005         | 20/07/2005 | 04/08/2004 | A SHAFT ROD FOR A HEALED FRAME OF A WEAVING MACHINE                                                                                                                                         | GROZ-BECKERT KG                              | 27/10/2006 | KOLKATA |
| 29 | 235401 | 1959/KOLNP/2005      | 30/04/2004 | 08/05/2003 | METHOD AND ENCODER FOR ENCODING A PLURALITY OF INPUT AUDIO SIGNALS AND                                                                                                                      | DOLBY LABORATORIES LICENSING CORPORATION     | 01/09/2006 | KOLKATA |

|    |        |                     |            |            |                                                                                                                                                                                              |                                          |            |         |
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|    |        |                     |            |            | METHOD AND DECODER FOR DECODING AN ENCODED SIGNAL                                                                                                                                            |                                          |            |         |
| 30 | 235402 | 690/KOLNP/2004      | 25/11/2002 | 30/11/2001 | SYSTEM AND METHOD FOR ACTIVELY MANAGING AN ENTERPRISE OF CONFIGURABLE COMPONENTS                                                                                                             | ORACLE INTERNATIONAL CORPORATION         | 14/04/2006 | KOLKATA |
| 31 | 235403 | 288/KOLNP/2004      | 29/08/2002 | 29/08/2001 | CIRCUIT AND METHOD FOR LINEARIZING AN INPUT SIGNAL, METHOD FOR IMPROVING SIGNAL QUALITY IN A SIGNAL PROCESSING SYSTEM AND SYSTEM THEREFOR                                                    | GCT SEMICONDUCTOR INC.                   | 31/03/2006 | KOLKATA |
| 32 | 235404 | 1632/KOLNP/2004     | 28/04/2003 | 03/05/2002 | A METHOD OF CREATING SUBCLASSES HAVING MEMORY MANAGEMENT EXECUTABLES GENERATED FROM A COMMON MANAGEMENT CODE                                                                                 | ORACLE INTERNATIONAL CORPORATION         | 04/08/2006 | KOLKATA |
| 33 | 235405 | 1657/CAL/1998       | 16/09/1998 | 30/09/1997 | IMPROVED BALL RAMP UNIDIRECTIONAL ACTUATOR                                                                                                                                                   | EATON CORPORATION                        | 24/02/2006 | KOLKATA |
| 34 | 235406 | IN/PCT/2002/336/KOL | 06/08/2001 | 07/08/2000 | METHOD FOR CONTROLLING PRODUCTION PROCESS                                                                                                                                                    | MITSUI CHEMICALS, INC.                   | 23/03/2007 | KOLKATA |
| 35 | 235407 | 608/KOLNP/2004      | 05/11/2002 | 08/11/2001 | NOVEL 1,2,4-THIADIAZOLIUM DERIVATIVES AS MELANOCORTIN RECEPTOR MODULATORS                                                                                                                    | ORTHO-MCNEIL PHARMACEUTICAL CORPORATION  | 21/04/2006 | KOLKATA |
| 36 | 235408 | 75/KOL/2005         | 07/02/2005 | 07/02/2004 | A STRIP COATING INSTALLATION WITH A VACUUM CHAMBER                                                                                                                                           | APPLIED MATERIALS GMBH & CO. KG.         | 27/07/2007 | KOLKATA |
| 37 | 235409 | 1652/KOLNP/2004     | 29/04/2003 | 03/05/2002 | A METHOD FOR COMMUNICATION BETWEEN A MOBILE DEVICE AND A DESTINATION DEVICE                                                                                                                  | COCO COMMUNICATIONS CORP.                | 27/07/2009 | KOLKATA |
| 38 | 235410 | 1635/KOLNP/2005     | 15/01/2004 | 16/01/2003 | A COMPOSITION COMPRISING SELECTIVE SEROTONIN 2A/2C RECEPTOR INVERSE AGNOIST                                                                                                                  | ACADIA PHARMACEUTICALS INC.              | 21/07/2006 | KOLKATA |
| 39 | 235411 | IN/PCT/2001/577/KOL | 06/10/2000 | 07/10/1999 | INTERLEAVE ADDRESS GENERATION APPARATUS, TURBO CODING APPARATUS, TURBO DECODING APPARATUS, COMMUNICATION TERMINAL APPARATUS, BASE STATION APPARATUS AND INTERLEAVE ADDRESS GENERATION METHOD | MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. | 27/01/2006 | KOLKATA |
| 40 | 235412 | 1793/KOLNP/2005     | 15/03/2004 | 25/09/2003 | MICROWAVE OVEN                                                                                                                                                                               | LG ELECTRONICS INC.                      | 13/04/2007 | KOLKATA |
| 41 | 235414 | 123/CAL/2000        | 01/03/2000 | 01/03/1999 | A PROCESS OF STERILIZING A CONTACT LENS                                                                                                                                                      | JOHNSON & JOHNSON VISION CARE INC.       | 20/01/2006 | KOLKATA |

**CONTINUED TO PART 2**