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# THE CANADIAN PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte  
Commissioner of Patents

Sylvain Laporte  
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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## Notices

## Avis

### 1. Dates and Code Numerals Appearing in Patent Headings

#### Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

#### Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date ( Re-Issued, Re-Examined )
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

### 1. Dates et chiffres de code figurant à l'entête des brevets

#### Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

#### Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
  
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction ( Redélivrance, Réexamen )
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## 2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: ([www.wipo.int/scit/en/standards/standards.htm](http://www.wipo.int/scit/en/standards/standards.htm)).

## 3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting ([www.strategis.ic.gc.ca/patentsorder](http://www.strategis.ic.gc.ca/patentsorder)) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

## 4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

## 2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: ([www.wipo.int/scit/fr/standards/standards.htm](http://www.wipo.int/scit/fr/standards/standards.htm)).

## 3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web ([www.strategis.ic.gc.ca/brevetscommande](http://www.strategis.ic.gc.ca/brevetscommande)) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

## 4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

## 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

## 6. Licensing of Patents

### Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

### Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

## 7. Patents Available for Licence or Sale

An asterisk (\*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

## 8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

## 5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

## 6. Octroi de licences en vertu des brevets

### Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est possible d'obtenir une licence obligatoire.

### Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

## 7. Brevets disponibles pour licence ou vente

Un astérisque (\*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

## 8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

## 9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

## 10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

## 11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2013

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1394*
For each additional sheet over 30	\$16
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

## 9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

## 10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

## 11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2013

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1394 \$*
Pour chaque feuille au delà de 30	16 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

## Notices

### 4. Late payment fee

50% of the fees that are due, or,  
Minimum: Transmittal fee  
Maximum: 50% of the international filing fee

### 4. Taxe pour paiement tardif

50% du montant impayé, ou,  
Minimum : taxe de transmission  
Maximum : 50% de la taxe de dépôt international

### Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$210

6. Preliminary examination fee (Rule 58) \$800

### Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 210 \$

6. Taxe d'examen préliminaire (Règle 58) 800 \$

\* International fees will be reduced by:

- \$105 for all applications filed using PCT-EASY,
- \$210 for all applications filed electronically using PCT-SAFE (The request in character coded format).
- \$314 for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

\* Les frais seront réduits de:

- 105 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 210 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- 314 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

## 12. PCT Notices

### Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section  
Post Office Box 18  
1211 Geneva 20 Switzerland  
Telephone (011 41 22) 338-9618  
Facsimile (011 41 22) 740-1812

or by "E-mail" ([publications.mail@wipo.int](mailto:publications.mail@wipo.int)) or visit their Web site ([www.wipo.int](http://www.wipo.int)).

## 12. Avis PCT

### Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information  
Boîte postale 18  
1211 Genève 20 Suisse  
Téléphone (011 41 22) 338-9618  
Télécopieur (011 41 22) 740-1812

ou par courriel ([publications.mail@wipo.int](mailto:publications.mail@wipo.int)) ou visiter leur site Web ([www.wipo.int](http://www.wipo.int)).



### 13. Practice Notice

#### STATUTORY HOLIDAYS (*DIES NON*)

**Note:** *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

#### **Time limits under the *Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts***

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Québec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Québec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

#### **Time limits under the *Patent and Trade-marks Acts***

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

### 13. Énoncé de pratique

#### JOURS FÉRIÉS (*DIES NON*)

**Nota :** *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

#### **Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés**

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

#### **Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce***

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

## Notices

### Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

“If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;  
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

### Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

### Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

“Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.”

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

### Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

## Avis

- 1) **Alberta:** 3rd Monday in February (Alberta Family Day)
  - 2) **British Columbia:** 1st Monday in August (British Columbia Day)
  - 3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
  - 4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
  - 5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
  - 6) **Quebec:** June 24 (St. John the Baptist Day)
  - 7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
  - 8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business
- 1) **Alberta :** 3e lundi de février (Jour de la Famille de l'Alberta)
  - 2) **Colombie-Britannique :** 1er lundi d'août (Fête de la Colombie-Britannique)
  - 3) **Nouveau-Brunswick :** 1er lundi d'août (Fête du Nouveau-Brunswick)
  - 4) **Nouvelle-Écosse :** 1er lundi d'août (congé statutaire)
  - 5) **Ontario :** 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statutaire)
  - 6) **Québec :** 24 juin (Saint-Jean-Baptiste)
  - 7) **Saskatchewan :** 1er lundi d'août (Fête de la Saskatchewan)
  - 8) **Yukon :** 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays

\*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

\*St. John the Baptist Day (June 24)

\*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

\*Remembrance Day (November 11)

\*Christmas Day (December 25)

Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

\* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

## 14. Practice Notice

### LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

**Note:** This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche

\*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

\*Saint-Jean-Baptiste (le 24 juin)

\*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

Jour de l'Action de grâces - deuxième lundi d'octobre

\*Jour du souvenir (11 novembre)

\*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

\* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

## 14. Énoncé de pratique

### LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

**Nota :** Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.

## Notices

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as “the Offices”) have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term “firm” includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d’agir en tant qu’agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l’article 15 de la *Loi sur les brevets* prévoit qu’un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l’article 2 des *Règles sur les brevets*, « agent de brevets » s’entend de toute personne ou maison d’affaires dont le nom est inscrit au registre des agents de brevets aux termes de l’article 15. L’alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l’article 33 de l’annexe II, le nom de **toute maison d’affaires dont le nom d’au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d’enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l’alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l’article 19 de l’annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d’au moins un membre est inscrit sur la liste à titre d’agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu’agents auprès des Bureaux, à condition que l’un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu’elles ont le droit d’agir en tant qu’agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

## Avis

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

## 15. Correspondence Procedures

May 8, 2012

**Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.**

**Note:** *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office  
Place du Portage I  
50 Victoria Street, Room C-114  
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

**Note regarding Fee Payment Forms:** The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

## 15. Procédures de correspondance

Le 8 mai 2012

**Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de correspondance.**

**Nota :** *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada  
Place du Portage I  
50, rue Victoria, pièce C-114  
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

**Note concernant le formulaire de paiements:** Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiements](#).

## Notices

### 1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada  
C.D. Howe Building  
235 Queen Street, Room S-143  
Ottawa ON K1A 0H5  
Tel.: 613-952-2268
2. Industry Canada  
5 Place Ville-Marie, Suite 700  
Montreal QC H3B 2G2  
Tel.: 514-496-1797  
Toll-free: 1 888 237-3037
3. Industry Canada  
151 Yonge Street, 4th Floor  
Toronto ON M5C 2W7  
Tel.: 416-973-5000
4. Industry Canada  
Canada Place  
9700 Jasper Avenue, Suite 725  
Edmonton AB T5J 4C3  
Tel.: 780-495-4782  
Toll-free: 1 800 461-2646
5. Industry Canada  
Library Square  
300 West Georgia Street, Suite 2000  
Vancouver BC V6B 6E1  
Tel.: 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

### 1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada  
Édifrice C.D. Howe  
235, rue Queen, pièce S-143  
Ottawa (Ontario) K1A 0H5  
Tél. : 613-952-2268
2. Industrie Canada  
5, Place Ville-Marie, pièce 700  
Montréal (Québec) H3B 2G2  
Tél. : 514-496-1797  
Sans frais : 1-888-237-3037
3. Industrie Canada  
151, rue Yonge, 4e étage  
Toronto (Ontario) M5C 2W7  
Tél. : 416-973-5000
4. Industrie Canada  
Canada Place  
9700, avenue Jasper, pièce 725  
Edmonton (Alberta) T5J 4C3  
Tél. : 780-495-4782  
Sans frais : 1-800-461-2646
5. Industrie Canada  
Library Square  
300, rue Georgia Ouest, pièce 2000  
Vancouver (C.-B.) V6B 6E1  
Tél. : 604-666-5000

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

## Avis

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

### 2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

### 3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via [CIPO's Web](#) site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings and applications prepared using the PCT-EASY or PCT-SAFE as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

### 2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC.

### 3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du *Règlement sur le droit d'auteur*, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le [site web de l'OPIC](#) ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée dans la phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des demandes et des listages de séquences préparés à l'aide de PCT-EASY ou PCT-SAFE, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

## Notices

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

### 3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or  
819-953-OPIC (953-6742)

Facsimile correspondence which is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

### *Patents*

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

### 3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

### 3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou  
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoi. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

### *Brevets*

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

### 3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le [site Web de l'OPIC](#).



## Avis

### Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- [filing an application](#) (regular application);
- [filing a request for national entry](#);
- [filing an international application](#) (PCT Safe);
- [general correspondence relating to applications and patents](#);
- [maintaining the name of a patent agent on the register of patent agents](#);
- [ordering copies in paper, or electronic form of a document](#).

### Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software. The filing must be done using CIPO's International Filing e-service, called [PCT e-Filing](#).

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a [designated establishment](#).

### Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for the registration of a trade-mark](#);
- [filing of a revised application](#);
- [renewal of a trade-mark registration](#);
- [request to enter a name on the list of trade-mark agents](#);
- [annual renewal of a trade-mark agent](#);
- [requesting copies of trade-mark documents](#);
- [filing of a declaration of use](#);
- [registration of a trade-mark application](#);
- [statement of opposition](#); and
- [request an extension of time in trade-mark opposition proceedings](#).

### Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyée par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- [déposer une demande](#) (demande régulière);
- [déposer une demande d'entrée dans la phase nationale](#);
- [déposer une demande internationale](#) (PCT Safe);
- [correspondance générale concernant des demandes et des brevets](#);
- [maintien du nom d'un agent de brevets dans le registre des agents de brevets](#);
- [commande de copies papier ou d'un document sous forme électronique](#).

### Le Canada comme office récepteur au titre du PCT: PCT-SAFE

Conformément à la Règle 89*bis* du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide du logiciel PCT-SAFE fourni par le Bureau international. Le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales, appelé [dépôt électronique de demande PCT](#).

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un [établissement désigné](#).

### Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- [demande d'enregistrement d'une marque de commerce](#);
- [demande d'enregistrement d'une marque de commerce modifiée](#);
- [renouvellement de l'enregistrement d'une marque de commerce](#);
- [demande d'inscription d'un nom à la liste des agents de marques de commerce](#);
- [renouvellement annuel d'un agent de marques de commerce](#);
- [commande de copies de documents de marques de commerce](#);
- [dépôt d'une déclaration d'emploi](#);
- [l'enregistrement d'une marque de commerce](#);
- [dépôt d'une déclaration d'opposition](#); et
- [demande de prolongation de délai dans une procédure d'opposition](#).

## Notices

### **Copyrights**

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for registration of a copyright in a work](#);
- [application for registration of a copyright in a performer's performance, sound recording or communication signal](#);
- [Filing a grant of interest](#);
- [Request for certificate of correction](#);
- [ordering copies in paper, or electronic form of a document](#);
- and
- [general correspondence relating to copyrights](#).

### **Industrial Designs**

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- [application for registration of an industrial design](#);
- [ordering copies in paper, or electronic form of a document](#);
- [general correspondence relating to industrial designs](#); and
- [payment of industrial design maintenance fees](#).

### **Integrated Circuit Topographies**

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- [general correspondence relating to integrated circuit topographies](#).

### **3.3 Electronic Medium**

#### **Patents**

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

### **Droits d'auteur**

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un droit d'auteur sur une oeuvre](#);
- [demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication](#);
- [dépôt d'une concession d'intérêt](#);
- [demande de certificat de correction](#);
- [commande de copies des documents papier ou électroniques](#); et
- [correspondance générale relative aux droits d'auteur](#).

### **Dessins industriels**

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un dessin industriel](#);
- [commande de copies de documents papier ou électroniques](#);
- [correspondance générale relative aux dessins industriels](#); et
- [paiement des droits de maintien des dessins industriels](#).

### **Topographies de circuits intégrés**

Topographies de circuits intégrés  
Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [correspondance générale relative aux topographies de circuits intégrés](#).

### **3.3 Supports électroniques**

#### **Brevets**

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

## Avis

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

### Canada as Receiving Office Under the PCT: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

### Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

### Le Canada comme office récepteur au titre du PCT: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

### Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT; ou
- sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT;

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT respectivement.

## Notices

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

### Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

#### 4. Details concerning the electronic formats accepted

##### *Patents*

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

### Supports électroniques acceptés par le Bureau des brevets

Le Bureau des brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

#### 4. Précisions concernant les formats électroniques acceptés

##### *Brevets*

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

## Avis

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

### TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

### PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

### ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

## **Industrial Design**

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

### TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

### Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

### Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;
- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

### Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

## **Dessins industriels**

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

### Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

## Notices

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

### 5. General Information

General information may be obtained by communicating with CIPO's [Client Service Centre](#).

## 16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 16, 2013 contains applications open to public inspection from June 30, 2013 to July 6, 2013.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

### 5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le [Centre de services à la clientèle de l'OPIC](#).

## 16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 16 juillet 2013 contient les demandes disponibles au public pour consultation pour la période du 30 juin 2013 au 6 juillet 2013.

# Canadian Patents Issued

July 16, 2013

## Brevets canadiens délivrés

16 juillet 2013

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[11] **2,226,624**  
[13] C

[51] **Int.Cl. A61K 39/395 (2006.01)**  
[25] EN  
[54] **METHODS FOR TREATMENT OF ALLERGIC ASTHMA**  
[54] **PROCEDES DE TRAITEMENT DE L'ASTHME ALLERGIQUE**

[72] FICK, ROBERT B., JR., US  
[72] JARDIEU, PAULA M., US  
[72] SCHOENHOFF, MONIKA B., US  
[72] SHIRE, STEVEN J., US  
[73] GENENTECH, INC., US  
[85] 1998-01-12  
[86] 1996-07-24 (PCT/US1996/012275)  
[87] (WO1997/004807)  
[30] US (08/508014) 1995-07-27

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[11] **2,253,441**  
[13] C

[51] **Int.Cl. C12N 15/16 (2006.01) A61K 38/24 (2006.01) C07K 14/59 (2006.01) A61K 38/00 (2006.01)**  
[25] EN  
[54] **GLYCOPROTEIN HORMONE SUPERAGONISTS**  
[54] **HORMONES DU TYPE GLYCOPROTEINES SUPERAGONISTES**

[72] SZKUDLINSKI, MARIUSZ W., US  
[72] GROSSMAN, MATHIS, US  
[72] WEINTRAUB, BRUCE D., US  
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 1998-11-03  
[86] 1996-05-08 (PCT/US1996/006483)  
[87] (WO1997/042322)

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[11] **2,271,354**  
[13] C

[51] **Int.Cl. H01M 4/136 (2010.01) H01M 10/0525 (2010.01) H01G 11/50 (2013.01) G02F 1/155 (2006.01) H01M 4/58 (2010.01) H01M 4/06 (2006.01) H01M 4/62 (2006.01)**  
[25] EN  
[54] **LITHIUM INSERTION ELECTRODE MATERIALS BASED ON ORTHOSILICATE DERIVATIVES**  
[54] **MATERIAUX D'ELECTRODES A INSERTION DE LITHIUM A BASE DE DERIVES D'ORTHOSILICATE**

[72] ARMAND, MICHEL, CA  
[72] MICHOT, CHRISTOPHE, FR  
[72] RAVET, NATHALIE, CA  
[72] SIMONEAU, MARTIN, CA  
[72] HOVINGTON, PIERRE, CA  
[73] HYDRO-QUEBEC, CA  
[73] UNIVERSITE DE MONTREAL, CA  
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[86] (2271354)  
[87] (2271354)  
[22] 1999-05-10

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[11] **2,289,742**  
[13] C

[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 35/14 (2006.01) A61K 39/00 (2006.01) A61K 47/48 (2006.01) C07K 14/705 (2006.01) C07K 17/02 (2006.01) C07K 17/04 (2006.01) A61K 38/17 (2006.01)**  
[25] EN  
[54] **METHOD FOR GENERATING ACTIVATED T-CELLS AND ANTIGEN-PULSED ANTIGEN-PRESENTING CELLS**  
[54] **PROCEDE DE GENERATION DE CELLULES T ACTIVEES ET DE CELLULES DE PRESENTATION D'ANTIGENE ET A IMPULSION ANTIGENIQUE**

[72] AGRAWAL, BABITA, CA  
[72] KRANTZ, MARK J., CA  
[72] REDDISH, MARK A., CA  
[72] LONGENECKER, B. MICHAEL, CA  
[73] ONCOTHYREON INC., US  
[85] 1999-11-08  
[86] 1998-05-07 (PCT/US1998/009288)  
[87] (WO1998/050527)  
[30] US (60/045,949) 1997-05-08

**Canadian Patents Issued  
July 16, 2013**

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[11] **2,330,231**  
[13] C

[51] **Int.Cl. C07K 16/28 (2006.01) C12N 5/0784 (2010.01) A61K 39/395 (2006.01)**

[25] EN

[54] **COMPOSITION AND METHOD FOR MODULATING DENDRITIC CELL-T CELL INTERACTION**

[54] **COMPOSITION ET METHODE PERMETTANT DE MODULER L'INTERACTION ENTRE CELLULES DENDRITIQUES ET LYMPHOCYTES T**

[72] FIGDOR, CARL GUSTAV, NL

[72] GEIJTENBEEK, TEUNIS BERNARD HERMAN, NL

[72] VAN KOOYK, YVETTE, NL

[72] TORENSMA, RUURD, NL

[73] KATHOLIEKE UNIVERSITEIT NIJMEGEN, NL

[85] 2000-12-08

[86] 2000-04-19 (PCT/NL2000/000253)

[87] (WO2000/063251)

[30] EP (99201204.7) 1999-04-19

[30] US (60/176,924) 2000-01-20

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[11] **2,350,334**  
[13] C

[51] **Int.Cl. C12N 15/12 (2006.01) A61K 38/17 (2006.01) C07K 14/47 (2006.01) C07K 14/705 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/14 (2006.01) C12N 5/16 (2006.01) C12P 21/02 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **NEW FAMILY OF MAMMALIAN POTASSIUM CHANNELS, THEIR CLONING AND THEIR USE, ESPECIALLY FOR THE SCREENING OF DRUGS**

[54] **NOUVELLE FAMILLE DE CANAUX POTASSIQUES DE MAMMIFERES, LEURS CLONAGE ET LEUR APPLICATION, SPECIALEMENT DANS LE CRIBLAGE DE MEDICAMENTS**

[72] DUPRAT, FABRICE, FR

[72] LESAGE, FLORIAN, FR

[72] LAZDUNSKI, MICHEL, FR

[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR

[85] 2001-05-04

[86] 1999-11-09 (PCT/IB1999/001886)

[87] (WO2000/027871)

[30] US (60/107,692) 1998-11-09

[30] US (09/436,265) 1999-11-08

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[11] **2,358,684**  
[13] C

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 37/06 (2006.01) C07K 14/705 (2006.01)**

[25] EN

[54] **ANTAGONISTS OF TWEAK AND OF TWEAK RECEPTOR AND THEIR USE TO TREAT IMMUNOLOGICAL DISORDERS**

[54] **ANTAGONISTES DE LA PROTEINE TWEAK ET DU RECEPTEUR DE TWEAK, ET LEUR UTILISATION POUR TRAITER DES AFFECTIONS IMMUNITAIRES**

[72] RENNERT, PAUL, US

[73] BIOGEN IDEC MA INC., US

[85] 2001-07-09

[86] 2000-01-14 (PCT/US2000/001044)

[87] (WO2000/042073)

[30] US (60/116,168) 1999-01-15

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[11] **2,372,991**  
[13] C

[51] **Int.Cl. C12N 15/52 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23D 9/007 (2006.01) A23K 1/00 (2006.01) A23K 1/14 (2006.01) A23K 1/16 (2006.01) C11B 1/00 (2006.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 15/53 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **METHOD FOR THE PRODUCTION OF CALENDIC ACID, A FATTY ACID CONTAINING DELTA-8,10,12 CONJUGATED DOUBLE BONDS AND RELATED FATTY ACIDS HAVING A MODIFICATION AT THE DELTA-9 POSITION**

[54] **PROCEDE DE PRODUCTION D'ACIDE CALENDIQUE, UN ACIDE GRAS CONTENANT DES DOUBLES LIAISONS CONJUGUEES DELTA-8,10,12, ET DES ACIDES GRAS ASSOCIES PRESENTANT UNE MODIFICATION AU NIVEAU DE LA POSITION DELTA-9**

[72] CAHOON, EDGAR BENJAMIN, US

[72] HITZ, WILLIAM DEAN, US

[72] RIPP, KEVIN G., US

[73] E.I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2002-01-07

[86] 2000-08-15 (PCT/US2000/022371)

[87] (WO2001/012800)

[30] US (60/149,050) 1999-08-16

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[11] **2,382,949**  
[13] C

[51] **Int.Cl. C02F 1/68 (2006.01)**

[25] EN

[54] **PROCESS FOR THE IMPROVEMENT OF THE WATER QUALITY OF MAINTENANCE WATERS**

[54] **PROCEDE D'AMELIORATION DE LA QUALITE DE L'EAU DANS DES BASSINS DE RECEPTION**

[72] RITTER, GUNTER, DE

[73] TETRA GMBH, DE

[85] 2002-02-21

[86] 2000-08-16 (PCT/EP2000/007980)

[87] (WO2001/021533)

[30] DE (199 44 799.3) 1999-09-18



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[11] **2,384,948**  
[13] C

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/17 (2006.01) A61P 13/12 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01)**

[25] EN

[54] **THERAPIES FOR CHRONIC RENAL FAILURE USING ONE OR MORE INTEGRIN ANTAGONISTS**

[54] **THERAPIES CONTRE L'INSUFFISANCE RENALE CHRONIQUE A L'AIDE D'UN OU DE PLUSIEURS ANTAGONISTES DE L'INTEGRINE**

[72] ALLEN, ANDREW, GB

[72] PUSEY, CHARLES, GB

[72] LOBB, ROY, US

[73] IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE, GB

[73] BIOGEN IDEC MA INC., US

[85] 2002-03-14

[86] 2000-09-14 (PCT/US2000/025140)

[87] (WO2001/019396)

[30] US (60/153,826) 1999-09-14

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[11] **2,386,347**  
[13] C

[51] **Int.Cl. H04N 5/265 (2006.01)**

[25] EN

[54] **ATTENTIVE PANORAMIC VISUAL SENSOR**

[54] **CAPTEUR VISUEL PANORAMIQUE SENSIBLE**

[72] ELDER, JAMES H., CA

[72] HOU, YUQIAN, CA

[72] GOLDSTEIN, RONEN, CA

[72] DORNAIKA, FADI, CA

[73] ELDER, JAMES H., CA

[73] HOU, YUQIAN, CA

[73] GOLDSTEIN, RONEN, CA

[73] DORNAIKA, FADI, CA

[86] (2386347)

[87] (2386347)

[22] 2002-05-14

[30] CA (2,347,493) 2001-05-14

[30] US (60/294,584) 2001-06-01

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[11] **2,395,406**  
[13] C

[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) A61P 11/06 (2006.01) A61P 17/06 (2006.01) C07K 14/54 (2006.01) C07K 14/715 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **METHOD FOR TREATING INFLAMMATION**

[54] **METHODE DESTINEE A TRAITER L'INFLAMMATION**

[72] THOMPSON, PENNY, US

[72] FOSTER, DONALD C., US

[72] WENFENG, XU, US

[72] MADDEN, KAREN L., US

[72] KELLY, JAMES D., US

[72] SPRECHER, CINDY A., US

[72] BLUMBERG, HAL, US

[72] EAGAN, MARIBETH A., US

[72] JASPERS, STEPHEN R., US

[72] CHANDRASEKHER, JASMIN A., US

[72] NOVAK, JULIA E., US

[73] ZYMOGENETICS, INC., US

[85] 2002-06-21

[86] 2000-12-22 (PCT/US2000/035305)

[87] (WO2001/046261)

[30] US (09/470,898) 1999-12-23

[30] US (60/213,341) 2000-06-22

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[11] **2,396,508**  
[13] C

[51] **Int.Cl. G02C 9/00 (2006.01) G02C 7/08 (2006.01)**

[25] EN

[54] **SPECTACLES SET WITH DETACHABLE SHELTER FRAME**

[54] **LUNETTES AVEC MONTURE DE PROTECTION DETACHABLE**

[72] XIE, YILING, US

[73] XIE, YILING, US

[86] (2396508)

[87] (2396508)

[22] 2002-07-30

[30] EP (02011004.5) 2002-05-17

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[11] **2,403,513**  
[13] C

[51] **Int.Cl. H04L 12/28 (2006.01) H04M 11/06 (2006.01)**

[25] EN

[54] **TELEPHONE OUTLET AND SYSTEM FOR A LOCAL AREA NETWORK OVER TELEPHONE LINES**

[54] **PRISE ET SYSTEME TELEPHONIQUE D'UN RESEAU LOCAL UTILISANT DES LIGNES TELEPHONIQUE**

[72] BINDER, YEHUDA, IL

[73] MOSAID TECHNOLOGIES INCORPORATED, CA

[85] 2002-09-16

[86] 2001-03-12 (PCT/IL2001/000237)

[87] (WO2001/071980)

[30] US (09/531,692) 2000-03-20

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[11] **2,407,226**  
[13] C

[51] **Int.Cl. C12N 15/11 (2006.01) C07H 21/04 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **POLYNUCLEOTIDE PROBES FOR DETECTION AND QUANTITATION OF CANDIDA SPECIES**

[54] **SONDES A POLYNUCLEOTIDES PERMETTANT DE DETECTER ET DE QUANTIFIER DES ESPECES CANDIDA**

[72] HOGAN, JAMES J., US

[72] GORDON, PATRICIA C., US

[73] GEN-PROBE INCORPORATED, US

[85] 2002-10-22

[86] 2001-05-01 (PCT/US2001/013884)

[87] (WO2001/083821)

[30] US (60/201,249) 2000-05-01

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[11] **2,411,083**  
[13] C

[51] **Int.Cl. E21B 47/12 (2012.01) G01S 5/14 (2006.01)**

[25] EN

[54] **WIRELESS COMMUNICATION SYSTEM AND METHOD**

[54] **SYSTEME ET METHODE DE COMMUNICATIONS SANS FIL**

[72] ZIMMERMAN, THOMAS H., US

[73] SCHLUMBERGER CANADA LIMITED, CA

[86] (2411083)

[87] (2411083)

[22] 2002-11-04

[30] US (60/333,950) 2001-11-28

[30] US (10/086,023) 2002-02-02

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[11] **2,418,673**  
[13] C

[51] **Int.Cl. G08B 29/18 (2006.01) G08B 29/16 (2006.01)**  
[25] EN  
[54] **INTEGRATED LIGHTNING DETECTOR**  
[54] **DETECTEUR DE Foudre INTEGRE**  
[72] PARKER, JAMES, CA  
[72] PILDNER, REINHART K., CA  
[73] TYCO SAFETY PRODUCTS CANADA LTD./PRODUITS DE SECURITE TYCO CANADA LTEE., CA  
[86] (2418673)  
[87] (2418673)  
[22] 2003-02-07

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[11] **2,421,935**  
[13] C

[51] **Int.Cl. A01N 65/28 (2009.01) A01N 65/22 (2009.01) A01N 65/36 (2009.01) A01P 1/00 (2006.01) A61K 36/53 (2006.01) A61K 36/61 (2006.01) A61K 36/752 (2006.01) A61P 17/00 (2006.01) A61P 31/00 (2006.01)**  
[25] EN  
[54] **AN ANTIMICROBIAL COMPOSITION**  
[54] **COMPOSITION ANTIMICROBIENNE**  
[72] RYAN, ROBERT EUGENE, GB  
[72] MORRIS, SANDRA, GB  
[73] BARRIER BIOTECH LIMITED, GB  
[85] 2003-03-11  
[86] 2001-09-12 (PCT/GB2001/004079)  
[87] (WO2002/021926)  
[30] GB (0022337.0) 2000-09-12

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[11] **2,425,486**  
[13] C

[51] **Int.Cl. C12N 15/12 (2006.01) A61K 31/7088 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61K 48/00 (2006.01) C07K 14/435 (2006.01) C07K 16/18 (2006.01) G01N 33/68 (2006.01) A61K 39/00 (2006.01)**  
[25] EN  
[54] **FLEA PERITROPHIN NUCLEIC ACID MOLECULES, PROTEINS AND USES THEREOF**  
[54] **MOLECULES D'ACIDE NUCLEIQUE DE PERITROPHINE DE PUCE ET UTILISATIONS DE CELLES-CI**  
[72] GAINES, PATRICK J., US  
[72] WISNEWSKI, NANCY, US  
[73] HESKA CORPORATION, US  
[85] 2003-04-09  
[86] 2001-10-11 (PCT/US2001/031958)  
[87] (WO2002/031180)  
[30] US (09/686,583) 2000-10-11

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[11] **2,425,665**  
[13] C

[51] **Int.Cl. A61L 31/16 (2006.01) A61L 27/54 (2006.01)**  
[25] EN  
[54] **COATED IMPLANTABLE MEDICAL DEVICE**  
[54] **DISPOSITIF MEDICAL ENDUIT IMPLANTABLE**  
[72] RAGHEB, ANTHONY O., US  
[72] BATES, BRIAN L., US  
[72] STEWART, JOSEPH M., IV, US  
[72] BOURDEAU, WILLIAM J., US  
[72] CHOULES, BRIAN D., US  
[72] PURDY, JAMES D., US  
[72] FEARNOT, NEAL E., US  
[73] COOK MEDICAL TECHNOLOGIES LLC, US  
[85] 2003-04-09  
[86] 2001-10-31 (PCT/US2001/045577)  
[87] (WO2003/026718)  
[30] US (60/244,446) 2000-10-31

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[11] **2,428,953**  
[13] C

[51] **Int.Cl. H04L 9/32 (2006.01) H04L 12/22 (2006.01) H04L 29/06 (2006.01)**  
[25] EN  
[54] **SECURE MEDIA PATH METHODS, SYSTEMS, AND ARCHITECTURE**  
[54] **METHODES, SYSTEMES ET ARCHITECTURES POUR CHEMINS DE SUPPORTS SECURISES**  
[72] EVANS, GLENN F., US  
[72] BRADSTREET, JOHN, US  
[73] MICROSOFT CORPORATION, US  
[86] (2428953)  
[87] (2428953)  
[22] 2003-05-20  
[30] US (10/178,256) 2002-06-24

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[11] **2,429,356**  
[13] C

[51] **Int.Cl. A61L 27/04 (2006.01) A61L 27/54 (2006.01) A61L 31/16 (2006.01) A61F 2/00 (2006.01)**  
[25] EN  
[54] **DEVICE FOR IN VIVO DELIVERY OF BIOACTIVE AGENTS AND METHOD OF MANUFACTURE THEREOF**  
[54] **DISPOSITIF D'ADMINISTRATION IN VIVO D'AGENTS BIOACTIFS ET SON PRO CEDE DE FABRICATION**  
[72] BOYLE, CHRISTOPHER T., US  
[73] ADVANCED BIO PROSTHETIC SURFACES, LTD., US  
[85] 2003-05-16  
[86] 2001-11-19 (PCT/US2001/044642)  
[87] (WO2002/060506)  
[30] US (09/716,146) 2000-11-17

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[11] **2,430,395**  
[13] C

[51] **Int.Cl. C08F 112/08 (2006.01) C08F 2/18 (2006.01) C08F 2/38 (2006.01) C08F 12/08 (2006.01) C08J 5/00 (2006.01)**

[25] EN

[54] **PREPARATION OF EXPANDABLE STYRENE POLYMERS**

[54] **PREPARATION DE POLYMERES EXPANSIBLES A BASE DE STYRENE**

[72] WICHER, JEROME, US

[73] ATOFINA CHEMICALS, INC., US

[86] (2430395)

[87] (2430395)

[22] 2003-05-30

[30] US (10/265,822) 2002-10-08

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[11] **2,437,441**  
[13] C

[51] **Int.Cl. G01N 1/10 (2006.01) A61B 5/15 (2006.01) A61B 5/00 (2006.01)**

[25] EN

[54] **FLUID COLLECTING AND MONITORING DEVICE**

[54] **DISPOSITIF DE COLLECTE ET DE CONTROLE DE LIQUIDE**

[72] POLLOCK, NEIL, GB

[72] JANSE VAN RENSBURG, RICHARD WILHELM, GB

[73] BAYER HEALTHCARE LLC, US

[86] (2437441)

[87] (2437441)

[22] 2003-08-08

[30] US (10/216,597) 2002-08-12

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[11] **2,444,795**  
[13] C

[51] **Int.Cl. D21H 17/69 (2006.01) D21H 11/16 (2006.01)**

[25] EN

[54] **FIBROUS WEB AND PROCESS FOR THE PREPARATION THEREOF**

[54] **NAPPE FIBREUSE ET SON PROCEDE DE PREPARATION**

[72] SILENIUS, PETRI, FI

[72] MEURONEN, JARI, GB

[72] LESKELA, MARKKU, FI

[73] M-REAL OYJ, FI

[85] 2003-10-20

[86] 2002-04-24 (PCT/FI2002/000344)

[87] (WO2002/090652)

[30] FI (20010847) 2001-04-24

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[11] **2,445,281**  
[13] C

[51] **Int.Cl. A61L 27/14 (2006.01) A61B 5/00 (2006.01) A61B 17/00 (2006.01) A61B 17/064 (2006.01) A61B 17/34 (2006.01) A61F 2/24 (2006.01) A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 9/50 (2006.01) A61K 47/30 (2006.01) A61L 27/54 (2006.01) A61M 31/00 (2006.01) A61B 17/04 (2006.01) A61B 17/068 (2006.01) A61F 2/00 (2006.01) A61F 2/02 (2006.01)**

[25] EN

[54] **PREVENTION OF MYOCARDIAL INFARCTION INDUCED VENTRICULAR EXPANSION AND REMODELING**

[54] **PREVENTION D'INFARCTUS MYOCARDIQUE INDUITE PAR UNE EXPANSION ET UN REMODELAGE VENTRICULAIRE**

[72] SANTAMORE, WILLIAM P., US

[72] LESNIAK, JEANNE M., US

[73] SATTERFIELD, RICHARD C., US

[85] 2003-10-24

[86] 2002-04-25 (PCT/US2002/012976)

[87] (WO2002/087481)

[30] US (60/286,521) 2001-04-27

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[11] **2,445,425**  
[13] C

[51] **Int.Cl. G01F 15/02 (2006.01) G01F 15/04 (2006.01) G01F 15/16 (2006.01)**

[25] EN

[54] **TEMPERATURE COMPENSATED ROTARY METER**

[54] **DEBITMETRE ROTATIF A COMPENSATION DE TEMPERATURE**

[72] HOPFE, HELMUT W., US

[72] PODGERS, ALEXANDER R., US

[73] AMERICAN METER COMPANY, US

[86] (2445425)

[87] (2445425)

[22] 2003-10-17

[30] US (10/065,458) 2002-10-21

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[11] **2,448,348**  
[13] C

[51] **Int.Cl. C12N 15/12 (2006.01) A61K 31/7088 (2006.01) A61K 38/04 (2006.01) A61K 38/17 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07K 7/04 (2006.01) C07K 14/47 (2006.01) C07K 19/00 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF CELLS**

[54] **PEPTIDES EFFICACES DANS LE TRAITEMENT DE TUMEURS ET D'AUTRES MALADIES NECESSITANT LE RETRAIT OU LA DESTRUCTION DE CELLULES**

[72] AVERBACK, PAUL A., CA

[73] NYMOX CORPORATION, CA

[85] 2003-11-24

[86] 2002-05-24 (PCT/CA2002/000759)

[87] (WO2002/097030)

[30] US (60/293,156) 2001-05-25

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[11] **2,452,954**  
[13] C

[51] **Int.Cl. A61B 8/00 (2006.01) A61B 5/06 (2006.01) A61B 7/00 (2006.01)**

[25] EN

[54] **ACOUSTIC MONITORING SYSTEM**

[54] **SYSTEME DE SURVEILLANCE ACOUSTIQUE**

[72] TAYLOR, TERRI K., US

[72] ROSENBERG, MEIR., US

[72] GUPTA, RAINUKA, US

[72] WILSON, STEPHEN F., US

[72] OSTIGUY, PIERRE S., US

[72] ROMMER, BERTIL, SE

[72] DEXTRADEUR, ALAN J., SE

[73] CODMAN & SHURTLEFF, INC., US

[86] (2452954)

[87] (2452954)

[22] 2003-12-12

[30] US (10/328,748) 2002-12-23

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[11] **2,452,977**  
[13] C

[51] **Int.Cl. C08F 32/06 (2006.01) A01N 25/10 (2006.01) A61K 31/74 (2006.01) A61L 2/16 (2006.01) A61L 15/44 (2006.01) A61L 27/54 (2006.01) A61L 29/04 (2006.01) A61L 29/16 (2006.01) A61L 31/16 (2006.01) A61P 31/04 (2006.01) C08G 18/28 (2006.01) C08G 18/32 (2006.01) C08G 61/02 (2006.01) C08G 61/10 (2006.01) C08G 61/12 (2006.01) C08G 73/22 (2006.01)**

[25] EN

[54] **FACIALLY AMPHIPHILIC POLYMERS AS ANTI-INFECTIVE AGENTS**

[54] **POLYMERES AMPHIPHILES FACIAUX COMME AGENTS ANTI-INFECTANTS**

[72] DEGRADO, WILLIAM F., US

[72] TEW, GREGORY N., US

[72] KLEIN, MICHAEL L., US

[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US

[85] 2003-09-08

[86] 2002-03-07 (PCT/US2002/006899)

[87] (WO2002/072007)

[30] US (60/274,145) 2001-03-08

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[11] **2,455,651**  
[13] C

[51] **Int.Cl. B81B 7/02 (2006.01) F15C 5/00 (2006.01) F16K 31/12 (2006.01)**

[25] EN

[54] **BUBBLE-ACTUATED VALVE WITH LATCHING**

[54] **VALVE A VERROUILLAGE ACTIONNEE PAR BULLE**

[72] FIELD, LESLIE A., US

[73] CORDIS CORPORATION, US

[86] (2455651)

[87] (2455651)

[22] 2004-01-22

[30] US (60/441,965) 2003-01-23

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[11] **2,456,984**  
[13] C

[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/232 (2011.01)**

[25] EN

[54] **INTERACTIVE TELEVISION TRACKING SYSTEM**

[54] **SYSTEME DE SUIVI DE TELEVISION INTERACTIVE**

[72] BARONE, SAMUEL T., JR., US

[73] GOLDPOCKET INTERACTIVE, INC., US

[85] 2004-02-09

[86] 2002-08-16 (PCT/US2002/026021)

[87] (WO2003/017129)

[30] US (60/312,848) 2001-08-16

[30] US (60/312,846) 2001-08-16

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[11] **2,458,476**  
[13] C

[51] **Int.Cl. C07F 15/00 (2006.01) A61K 33/24 (2006.01) A61K 41/00 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **PHOTOREACTIVE COMPOUNDS AND COMPOSITIONS**

[54] **COMPOSITIONS ET COMPOSES PHOTOREACTIFS**

[72] SADLER, PETER JOHN, GB

[72] MUELLER, PHILIPPE, GB

[73] THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH, GB

[85] 2004-02-24

[86] 2002-08-27 (PCT/GB2002/003939)

[87] (WO2003/017993)

[30] GB (0120618.4) 2001-08-24

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[11] **2,460,639**  
[13] C

[51] **Int.Cl. C12P 19/34 (2006.01) C07H 21/04 (2006.01) C12N 15/10 (2006.01) C12P 21/06 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **ENGINEERED TEMPLATES AND THEIR USE IN SINGLE PRIMER AMPLIFICATION**

[54] **MATRICES TRANSGENIQUES ET LEURS UTILISATIONS DANS L'AMPLIFICATION D'AMORCE UNIQUE**

[72] BOWDISH, KATHERINE S., US

[72] FREDERICKSON, SHANA, US

[72] MARUYAMA, TOSHIAKI, US

[72] LIN, YING-CHI, US

[72] RENSHAW, MARK, US

[73] ALEXION PHARMACEUTICALS, INC., US

[85] 2004-03-16

[86] 2002-09-19 (PCT/US2002/029889)

[87] (WO2003/025202)

[30] US (60/323,455) 2001-09-19

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[11] **2,463,922**  
[13] C

[51] **Int.Cl. H03M 7/30 (2006.01) G06F 17/00 (2006.01) H04L 12/16 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01)**

[25] EN

[54] **IMPROVED MEDIA DELIVERY PLATFORM**

[54] **PLATE-FORME DE DISTRIBUTION DE CONTENUS DE SUPPORTS AMELIOREE**

[72] MIKKELSEN, JOHN P., US

[72] FREIDSON, ROBERT I., RU

[73] SKKY INCORPORATED, US

[85] 2004-04-16

[86] 2002-06-26 (PCT/US2002/020443)

[87] (WO2003/003235)

[30] US (60/301,681) 2001-06-27

[30] US (60/303,115) 2001-07-03

[30] US (60/312,450) 2001-08-14

[30] US (60/343,159) 2001-10-26

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[11] **2,464,656**  
[13] C

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/72 (2006.01) A61K 31/167 (2006.01) A61K 31/58 (2006.01) A61K 9/00 (2006.01)**

[25] EN

[54] **SPRAY DRYING METHODS AND COMPOSITIONS THEREOF**

[54] **PROCEDES DE SECHAGE PAR ATOMISATION ET COMPOSITIONS ASSOCIEES**

[72] SNYDER, HERMAN E., US

[72] VOSBERG, MICHAEL J., US

[72] VARGA, CHRISTOPHER M., US

[73] NOVARTIS AG, CH

[85] 2004-04-23

[86] 2002-10-31 (PCT/US2002/034909)

[87] (WO2003/037303)

[30] US (60/336,538) 2001-11-01

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[11] **2,465,480**  
[13] C

[51] **Int.Cl. E01C 19/23 (2006.01) E02D 3/026 (2006.01)**

[25] EN

[54] **FILL AND COMPACTION ROLLER USING REPLACEABLE CLEAT ASSEMBLIES WITH EXTENDED SERVICE LIFE**

[54] **ROULEAU COMPACTEUR UTILISANT DES CRAMPONS REMPLACABLES A DUREE DE VIE UTILE PROLONGEE**

[72] CARON, JAMES O., US

[72] CARON, SCOTT F. P., US

[73] CARON COMPACTOR COMPANY, US

[86] (2465480)

[87] (2465480)

[22] 2004-04-28

[30] US (10/427,012) 2003-04-30

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[11] **2,466,924**  
[13] C

[51] **Int.Cl. H04N 21/00 (2011.01) H04N 21/20 (2011.01) H04N 21/40 (2011.01)**

[25] EN

[54] **REAL TIME INTERACTIVE VIDEO SYSTEM**

[54] **SYSTEME VIDEO INTERACTIF EN TEMPS REEL**

[72] ARNOLD, GLENN C., US

[72] KAESMAN, ANN MARIE, US

[72] LE, THACH CAM, US

[72] BATES, DANIEL L., US

[72] GEAGA, JORGE, US

[73] CREATIVE FRONTIER, INC., US

[85] 2004-05-07

[86] 2002-11-08 (PCT/US2002/036078)

[87] (WO2003/041393)

[30] US (10/039,924) 2001-11-09

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[11] **2,467,450**  
[13] C

[51] **Int.Cl. H02H 9/00 (2006.01) H01T 4/06 (2006.01) H01R 13/514 (2006.01) H01R 13/66 (2006.01)**

[25] EN

[54] **MODULAR SURGE SUPPRESSOR SYSTEM AND SURGE SUPPRESSOR MODULE**

[54] **SYSTEME DE PARASURTENSEUR MODULAIRE ET MODULE PARASURTENSEUR**

[72] DABROWSKI, HENRYK J., CA

[72] MENDOZA, ANTHONY-CERNAN, CA

[72] FUNKE, JAMES, CA

[72] TOWLER, JOHN D., CA

[72] KLADAR, DALIBOR, CA

[72] BANDURA, MIECZYSLAW, CA

[72] SPEIDELSBACH, DAVID J., US

[73] EATON CORPORATION, US

[86] (2467450)

[87] (2467450)

[22] 2004-05-18

[30] US (10/443,431) 2003-05-22

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[11] **2,476,890**  
[13] C

[51] **Int.Cl. C12N 15/57 (2006.01) A61K 31/7088 (2006.01) A61K 39/07 (2006.01) A61K 48/00 (2006.01) C07K 14/32 (2006.01) C11D 3/386 (2006.01) C12N 9/54 (2006.01) C12N 9/56 (2006.01) C12N 15/32 (2006.01) G01N 33/50 (2006.01) G01N 33/569 (2006.01) G01N 33/573 (2006.01)**

[25] EN

[54] **SUBTILISIN CARLSBERG PROTEINS WITH REDUCED IMMUNOGENICITY**

[54] **PROTEINES DE LA SUBTILISINE (CARLSBERG) PRESENTANT UNE ANTIGENICITE REDUITE**

[72] HARDING, FIONA A, US

[73] GENENCOR INTERNATIONAL, INC., US

[85] 2004-08-19

[86] 2003-02-26 (PCT/US2003/005861)

[87] (WO2003/072746)

[30] US (60/360,057) 2002-02-26

[30] US (60/384,777) 2002-05-30

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[11] **2,477,176**  
[13] C

[51] **Int.Cl. A61M 21/00 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **REMOTE MONITORING AND CONTROL OF SEDATION AND ANALGESIA SYSTEMS**

[54] **SURVEILLANCE ET COMMANDE A DISTANCE DE SYSTEMES DE SEDATION ET D'ANALGESIE**

[72] HICKLE, RANDALL S., US

[72] COBB, NICHOLAS, E., US

[72] ADAIR, W. PATRICK, US

[73] SCOTT LABORATORIES, INC., US

[85] 2004-08-23

[86] 2003-02-25 (PCT/US2003/005403)

[87] (WO2003/073354)

[30] US (60/358,729) 2002-02-25

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[11] **2,477,283**  
[13] C

[51] **Int.Cl. A61K 31/7088 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 35/00 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **VASCULAR THERAPEUTIC METHODS AND COMPOSITIONS INVOLVING THE REDUCTION OR PREVENTION OF C-JUN MEDIATED PROCESSES**

[54] **METHODES THERAPEUTIQUES VASCULAIRES ET COMPOSITIONS IMPLIQUANT LA REDUCTION OU LA PREVENTION DE PROCESSUS ASSISTES C-JUN**

[72] KHACHIGIAN, LEVON MICHAEL, AU

[73] NEWSOUTH INNOVATIONS PTY LIMITED, AU

[85] 2004-08-24

[86] 2003-02-27 (PCT/AU2003/000237)

[87] (WO2003/072114)

[30] AU (PS 0780) 2002-02-27

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[11] **2,477,315**  
[13] C

[51] **Int.Cl. B01L 3/00 (2006.01) B01L 3/02 (2006.01) G01N 35/00 (2006.01) G01N 35/10 (2006.01)**

[25] EN

[54] **FLUID PROCESSING AND CONTROL**

[54] **REGULATION ET TRAITEMENT DE FLUIDE**

[72] DORITY, DOUGLAS B., US

[72] CHANG, RONALD, US

[73] CEPHEID, US

[85] 2004-08-25

[86] 2003-02-14 (PCT/US2003/004352)

[87] (WO2003/072253)

[30] US (10/084,409) 2002-02-25

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[11] **2,477,650**  
[13] C

[51] **Int.Cl. H05B 41/36 (2006.01) F21V 25/00 (2006.01) H05B 41/285 (2006.01)**

[25] EN

[54] **BALLAST WITH LOAD-ADAPTABLE FAULT DETECTION CIRCUIT**

[54] **BALLAST A CIRCUIT DETECTEUR DE DEFAILLANCE ADAPTABLE SELON LA CHARGE**

[72] CHOUDHURY, AYAN KUMAR, IN

[73] OSRAM SYLVANIA INC., US

[86] (2477650)

[87] (2477650)

[22] 2004-08-16

[30] US (10/674,144) 2003-09-29

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[11] **2,477,962**  
[13] C

[51] **Int.Cl. H04L 12/00 (2006.01) H04L 12/24 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01) H04L 29/12 (2006.01)**

[25] EN

[54] **LOCATION AWARE DATA NETWORK**

[54] **RESEAU DE DONNEES INFORMES DE LA LOCALISATION**

[72] ROESE, JOHN J., US

[72] GRAHAM, RICHARD W., US

[72] GORSKY, JOHN-PAUL, US

[72] HARRINGTON, DAVID, US

[72] FRATTURA, DAVID, US

[72] DURAND, ROGER P., US

[72] FEE, BRENDAN J., US

[72] ALLEN, ANJA A., US

[73] ENTERASYS NETWORKS, INC., US

[85] 2004-08-31

[86] 2003-02-28 (PCT/US2003/006169)

[87] (WO2003/075125)

[30] US (60/361,419) 2002-03-01

[30] US (60/361,421) 2002-03-01

[30] US (60/361,420) 2002-03-01

[30] US (60/361,380) 2002-03-01

[30] US (60/387,331) 2002-06-10

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[11] **2,478,629**  
[13] C

[51] **Int.Cl. A61K 9/14 (2006.01) A61K 38/00 (2006.01) A61K 39/395 (2006.01) B01F 3/08 (2006.01) B01F 5/06 (2006.01) B01J 2/06 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR PRODUCING DRY PARTICLES**

[54] **PROCEDE ET APPAREIL DE PRODUCTION DE PARTICULES SECHES**

[72] BATYCKY, RICHARD P., US

[72] JACKSON, BLAIR C., US

[72] JOHNSTON, LLOYD P., US

[72] MINTZES, JEFFREY D., US

[72] PENACHIO, ERNEST E., US

[72] SUNG, JEAN C., US

[72] BLIZZARD, CHARLES D., US

[72] CHUNG, MARIE ELIZABETH, US

[73] CIVITAS THERAPEUTICS, INC., US

[85] 2004-09-02

[86] 2003-03-19 (PCT/US2003/008398)

[87] (WO2003/080028)

[30] US (10/101,563) 2002-03-20

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[11] **2,478,778**  
[13] C

[51] **Int.Cl. C08F 4/54 (2006.01) B01J 27/26 (2006.01) C08F 16/02 (2006.01)**

[25] EN

[54] **HYDROXIDE CONTAINING DOUBLE METAL CYANIDE (DMC) CATALYSTS**

[54] **CATALYSEURS BIMETALLIQUES AU CYANURE (DU TYPE DMC) CONTENANT UN OU DES GROUPES HYDROXYLES**

[72] COMBS, GEORGE G., US

[73] BAYER ANTWERP, N.V., BE

[86] (2478778)

[87] (2478778)

[22] 2004-08-23

[30] US (10/649,520) 2003-08-26

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[11] **2,480,465**  
[13] C

[51] **Int.Cl. A61M 25/00 (2006.01) A61M 1/10 (2006.01) A61M 1/36 (2006.01)**  
[25] EN  
[54] **A MULTILUMEN CATHETER FOR MINIMIZING LIMB ISCHEMIA**  
[54] **CATHETER A LUMIERES MULTIPLES PERMETTANT DE MINIMISER L'ISCHEMIE DES MEMBRES**  
[72] VIOLE, ANTHONY, US  
[72] SIRIMANNE, LAKSEN, US  
[72] BOLLING, STEVEN F., US  
[72] O'LEARY, SHAWN, US  
[72] PECOR, ROBERT, US  
[72] KELLY, RYAN, US  
[72] WERNER, WOLFGANG, US  
[72] BEIZAI, MASOUD, US  
[73] THORATEC CORPORATION, US  
[85] 2004-09-27  
[86] 2003-02-13 (PCT/US2003/004401)  
[87] (WO2003/068303)  
[30] US (10/078,283) 2002-02-14

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[11] **2,480,925**  
[13] C

[51] **Int.Cl. A61K 31/216 (2006.01) A61K 8/67 (2006.01) A61K 8/97 (2006.01) A61K 31/07 (2006.01) A61K 31/203 (2006.01) A61P 17/10 (2006.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS COMPRISING RETINOIDS AND NONDENATURED BOTANICAL EXTRACTS HAVING TRYPSIN-INHIBITING ACTIVITY FOR TREATING SKIN CONDITIONS**  
[54] **COMPOSITIONS COMPRENANT DES RETINOIDES ET DES EXTRAITS BOTANIQUES NON DENATURES AYANT UNE ACTIVITE INHIBITRICE DE LA TRYPSINE POUR TRAITER DES AFFECTIONS CUTANEEES**  
[72] SEIBERG, MIRI, US  
[72] LIU, JUE-CHEN, US  
[72] IOTSOVA, VIOLETTA, US  
[73] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US  
[86] (2480925)  
[87] (2480925)  
[22] 2004-09-09  
[30] US (10/659,598) 2003-09-10

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[11] **2,483,120**  
[13] C

[51] **Int.Cl. A61K 31/381 (2006.01) A61K 9/70 (2006.01) A61P 21/00 (2006.01) A61P 25/00 (2006.01)**  
[25] EN  
[54] **POLYMERIC ADHESIVE TRANSDERMAL PATCH COMPRISING ROTIGOTINE FOR TREATMENT OF RESTLESS LEG SYNDROME**  
[54] **TIMBRE TRANSDERMIQUE ADHESIF A BASE DE POLYMERE COMPRENANT DE LA ROTIGOTINE, DESTINE AU TRAITEMENT DU SYNDROME DES JAMBES SANS REPOS**  
[72] LAUTERBACH, THOMAS, DE  
[72] SCHOLLMAYER, ERWIN, DE  
[73] UCB PHARMA GMBH, DE  
[85] 2004-10-22  
[86] 2003-05-05 (PCT/EP2003/004685)  
[87] (WO2003/092677)  
[30] DE (102 20 230.3) 2002-05-06

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[11] **2,483,782**  
[13] C

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01)**  
[25] EN  
[54] **TEMPORAL SEED PROMOTERS FOR EXPRESSING GENES IN PLANTS**  
[54] **PROMOTEURS TEMPORELS DE SEMENCES DESTINES A EXPRIMER DES GENES DANS DES PLANTES**  
[72] WANG, QI, US  
[72] WEAVER, LISA M., US  
[72] OULMASSOV, TIM N., US  
[72] AHRENS, JEFFREY, US  
[72] DUBOIS, PATRICE, US  
[72] SHEN, JEFFERY Q., US  
[73] MONSANTO TECHNOLOGY, LLC, US  
[85] 2004-10-28  
[86] 2003-05-05 (PCT/US2003/013847)  
[87] (WO2003/092361)  
[30] US (60/377,247) 2002-05-03  
[30] US (10/429,555) 2003-05-05

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[11] **2,483,980**  
[13] C

[51] **Int.Cl. A61K 48/00 (2006.01) A61P 11/00 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C12N 15/12 (2006.01) C12N 15/16 (2006.01) C12N 15/18 (2006.01) C12N 15/79 (2006.01) C12N 15/861 (2006.01) C12N 15/867 (2006.01) C12N 15/869 (2006.01) G01N 33/74 (2006.01)**  
[25] EN  
[54] **NON-INVASIVE DELIVERY OF POLYPEPTIDES THROUGH THE BLOOD-BRAIN BARRIER, AND IN VIVO SELECTION OF ENDOCYTOTIC LIGANDS**  
[54] **ADMINISTRATION NON INVASIVE DE POLYPEPTIDES A TRAVERS LA BARRIERE HEMATO-ENCEPHALIQUE ET SELECTION IN VIVO DE LIGANDS ENDOCYTOTIQUES**  
[72] FERGUSON, IAN A., AU  
[72] TANI, HIROAKI, AU  
[73] FERGUSON, IAN A., AU  
[73] TANI, HIROAKI, AU  
[85] 2004-10-26  
[86] 2003-04-28 (PCT/IB2003/002371)  
[87] (WO2003/091387)  
[30] AU (PS1935) 2002-04-26  
[30] US (10/188,184) 2002-07-02

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[11] **2,484,926**  
[13] C

[51] **Int.Cl. A47J 31/00 (2006.01) A47J 31/44 (2006.01)**  
[25] EN  
[54] **SPRAY HEAD**  
[54] **TETE DE PULVERISATION**  
[72] POPE, RANDY D., US  
[72] FRIEDRICH, BRENT R., US  
[73] BUNN-O-MATIC CORPORATION, US  
[85] 2004-10-28  
[86] 2003-05-06 (PCT/US2003/014332)  
[87] (WO2003/092456)  
[30] US (60/378,579) 2002-05-06  
[30] US (60/464,836) 2003-04-23

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[11] **2,485,592**  
[13] C

[51] **Int.Cl. A61K 31/135 (2006.01) A61K 31/132 (2006.01) A61K 31/133 (2006.01) A61P 31/10 (2006.01) C07C 209/00 (2006.01) C07C 211/09 (2006.01) C07C 211/27 (2006.01) C07C 211/33 (2006.01)**

[25] EN  
[54] **ANTI TUBERCULAR DRUG: COMPOSITIONS AND METHODS**  
[54] **MEDICAMENT ANTI-TUBERCULEUX: COMPOSITIONS ET METHODES**  
[72] PROTOPOPOVA, MARINA NIKOLAEVNA, US  
[72] LEE, RICHARD EDWARD, US  
[72] SLAYDEN, RICHARD ALLAN, US  
[72] BARRY, CLIFTON E., III, US  
[72] EINCK, LEO, US  
[73] SEQUELLA, INC., US  
[73] GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 2004-11-10  
[86] 2003-05-19 (PCT/US2003/015927)  
[87] (WO2003/096989)  
[30] US (10/147,587) 2002-05-17  
[30] US (60/381,220) 2002-05-17

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[11] **2,486,106**  
[13] C

[51] **Int.Cl. C07H 15/252 (2006.01) A61K 31/70 (2006.01) A61P 37/00 (2006.01) C07H 13/10 (2006.01)**

[25] EN  
[54] **COMPOUNDS AND METHODS FOR INHIBITING SELECTIN-MEDIATED FUNCTION**  
[54] **COMPOSES ET PROCEDES D'INHIBITION DES FONCTIONS INDUITES PAR LES SELECTINES**  
[72] MAGNANI, JOHN L., US  
[72] PATTON, JOHN T., US  
[72] WILLIAMS, LEONARD M., US  
[73] GLYCOMIMETICS, INC., US  
[85] 2004-11-15  
[86] 2003-05-16 (PCT/US2003/015286)  
[87] (WO2003/097658)  
[30] US (60/381,214) 2002-05-16

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[11] **2,487,322**  
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) A23C 9/00 (2006.01)**

[25] EN  
[54] **ANIMAL GENOTYPING METHOD**  
[54] **METHODE DE GENOTYPAGE D'ANIMAUX**  
[72] LEE, MICHAEL AH, NZ  
[72] TATE, MICHAEL LEWIS, NZ  
[73] A2 CORPORATION LIMITED, NZ  
[85] 2004-11-24  
[86] 2003-05-23 (PCT/NZ2003/000102)  
[87] (WO2003/100074)  
[30] NZ (519166) 2002-05-24

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[11] **2,487,631**  
[13] C

[51] **Int.Cl. F16K 11/22 (2006.01) F16K 3/08 (2006.01) F16K 11/20 (2006.01)**

[25] EN  
[54] **TWO-HANDLE FLOW-THROUGH VALVE**  
[54] **ROBINET A CIRCULATION DIRECTE A DEUX MANETTES**  
[72] ROMERO, OSCAR, US  
[73] SPECTRUM BRANDS, INC., US  
[86] (2487631)  
[87] (2487631)  
[22] 2004-11-12  
[30] US (10/733,905) 2003-12-11

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[11] **2,490,042**  
[13] C

[51] **Int.Cl. A61L 17/10 (2006.01) A61B 17/04 (2006.01) A61B 17/06 (2006.01) A61B 17/56 (2006.01) A61L 17/04 (2006.01) A61L 17/12 (2006.01) A61L 17/14 (2006.01) A61B 17/00 (2006.01)**

[25] EN  
[54] **HIGH STRENGTH SUTURE WITH ABSORBABLE CORE AND SUTURE ANCHOR COMBINATION**  
[54] **SUTURE A HAUTE RESISTANCE AVEC AME ET DISPOSITIF D'ANCRAGE ABSORBABLES COMBINES**  
[72] KOYFMAN, ILYA, US  
[72] LAWLER, TERRY E., US  
[72] DI LUCCIO, ROBERT C., US  
[72] JAMIOLKOWSKI, DENNIS D., US  
[73] DEPUY MITEK, LLC, US  
[86] (2490042)  
[87] (2490042)  
[22] 2004-12-10  
[30] US (10/740,024) 2003-12-18

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[11] **2,490,525**  
[13] C

[51] **Int.Cl. H04W 12/00 (2009.01) H04W 12/08 (2009.01) G06F 12/16 (2006.01) G06F 15/02 (2006.01)**

[25] EN  
[54] **SYSTEM AND METHOD FOR DIGITAL RIGHTS MANAGEMENT**  
[54] **SYSTEME ET METHODE DE GESTION NUMERIQUE DES DROITS**  
[72] BELLS, MATTHEW, CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[86] (2490525)  
[87] (2490525)  
[22] 2004-12-17  
[30] EP (03029313.8) 2003-12-18

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[11] **2,490,542**  
[13] C

[51] **Int.Cl. C07K 14/705 (2006.01) A61K 38/00 (2006.01) A61K 38/12 (2006.01) A61K 38/17 (2006.01) C07K 7/06 (2006.01)**

[25] EN  
[54] **FAS PEPTIDE MIMETICS AND USES THEREOF**  
[54] **MIMETIQUES PEPTIDIQUES DE FAS ET LEURS UTILISATIONS**  
[72] GREENE, MARK I., US  
[72] MURALI, RAMACHANDRAN, US  
[72] HASEGAWA, AKIHIRO, JP  
[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
[85] 2004-12-22  
[86] 2003-05-23 (PCT/US2003/016325)  
[87] (WO2003/099845)  
[30] US (60/383,309) 2002-05-23  
[30] US (60/465,943) 2003-04-28



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[11] **2,493,888**  
[13] C

[51] **Int.Cl. A61K 31/685 (2006.01) A61K 8/19 (2006.01) A61K 8/55 (2006.01) A61K 8/60 (2006.01) A61K 8/98 (2006.01) A61K 31/7048 (2006.01) A61K 33/04 (2006.01) A61K 33/30 (2006.01) A61K 35/56 (2006.01) A61K 51/04 (2006.01)**

[25] EN  
[54] **NATURAL MARINE SOURCE PHOSPHOLIPIDS COMPRISING FLAVONOIDS, POLYUNSATURATED FATTY ACIDS AND THEIR APPLICATIONS**

[54] **PHOSPHOLIPIDES NATURELS D'ORIGINE MARINE RENFERMANT DES FLAVONOIDES ET DES ACIDES GRAS POLYINSATURES, ET LEURS APPLICATIONS**

[72] SAMPALIS, FOTINI, CA  
[73] NEPTUNE TECHNOLOGIES & BIORESSOURCES INC., CA  
[85] 2005-01-17  
[86] 2002-07-29 (PCT/CA2002/001185)  
[87] (WO2003/011873)  
[30] US (60/307,842) 2001-07-27

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[11] **2,495,486**  
[13] C

[51] **Int.Cl. H02M 3/338 (2006.01) H01L 41/04 (2006.01) H02M 3/335 (2006.01)**

[25] EN  
[54] **APPARATUS AND METHOD FOR CHARGING AND DISCHARGING A CAPACITOR TO A PREDETERMINED SETPOINT**

[54] **APPAREIL ET PROCEDE DE CHARGE ET DE DECHARGE D'UN CONDENSATEUR JUSQU'A UNE VALEUR DE CONSIGNE PREDETERMINEE**

[72] VANDERSLUIS, DONALD, US  
[73] VIKING TECHNOLOGIES, L.C., US  
[85] 2005-02-04  
[86] 2003-07-30 (PCT/US2003/023751)  
[87] (WO2004/023636)  
[30] US (60/408,468) 2002-09-05

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[11] **2,495,622**  
[13] C

[51] **Int.Cl. A61H 33/00 (2006.01) A47K 3/00 (2006.01) G01R 19/06 (2006.01) G01R 19/165 (2006.01) G05B 23/02 (2006.01)**

[25] EN  
[54] **BATHING SYSTEM CONTROLLER HAVING ABNORMAL OPERATIONAL CONDITION IDENTIFICATION CAPABILITIES**

[54] **CONTROLEUR DE SYSTEME DE BAIN AYANT LA CAPACITE DE DETERMINER UN ETAT DE FONCTIONNEMENT ANORMAL**

[72] BROCHU, CHRISTIAN, CA  
[72] LAFLAMME, BENOIT, CA  
[72] GAUDREAU, DANIEL, CA  
[72] HARDY, MARTIN, CA  
[72] NOLLET, LOUIS, CA  
[72] GOUGEROT, FLORENT, CA  
[72] AUTHIER, MICHEL, CA  
[73] GROUPE GECKO ALLIANCE, INC., CA  
[86] (2495622)  
[87] (2495622)  
[22] 2005-01-31  
[30] US (10/768,130) 2004-02-02

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[11] **2,496,215**  
[13] C

[51] **Int.Cl. C07K 7/64 (2006.01) A61K 38/12 (2006.01) A61P 31/04 (2006.01) C07K 1/04 (2006.01) C07K 5/078 (2006.01) C07K 7/08 (2006.01) A61K 38/00 (2006.01)**

[25] EN  
[54] **TEMPLATE-FIXED PEPTIDOMIMETICS WITH ANTIBACTERIAL ACTIVITY**

[54] **PEPTIDOMIMETIQUES FIXES SUR MATRICE PRESENTANT UNE ACTIVITE ANTIBACTERIENNE**

[72] VRIJBLOED, JAN WIM, CH  
[72] OBRECHT, DANIEL, CH  
[72] ROBINSON, JOHN ANTHONY, CH  
[72] SELLIER, ODILE, CH  
[72] KESSLER, MARC, CH  
[73] POLYPHOR LTD., CH  
[73] UNIVERSITAET ZUERICH, CH  
[85] 2005-02-18  
[86] 2002-08-20 (PCT/EP2002/009278)  
[87] (WO2004/018503)

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[25] EN  
[54] **INDUCTION OF GENE EXPRESSION USING A HIGH CONCENTRATION SUGAR MIXTURE**

[54] **INDUCTION DE L'EXPRESSION GENIQUE AU MOYEN D'UN MELANGE DE SUCRES A HAUTE CONCENTRATION**

[72] ENGLAND, GEORGE, US  
[72] KELLEY, AARON, US  
[72] MITCHINSON, COLIN, US  
[73] GENENCOR INTERNATIONAL, INC., US  
[85] 2005-03-08  
[86] 2003-09-10 (PCT/US2003/028438)  
[87] (WO2004/035070)  
[30] US (60/409,466) 2002-09-10

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[11] **2,500,170**  
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[51] **Int.Cl. A61G 7/012 (2006.01) A47C 19/04 (2006.01)**

[25] EN  
[54] **ADJUSTABLE HEIGHT BED**

[54] **LIT REGLABLE EN HAUTEUR**

[72] SNYDER, STEVEN, US  
[72] LOEWENTHAL, HOWARD, US  
[72] GOERTZEN, GEROLD, US  
[72] PUCKETT, ROBERT, US  
[72] SPIEGEL, ANDREW, US  
[73] INVACARE CORPORATION, US  
[85] 2005-03-24  
[86] 2003-10-22 (PCT/US2003/033781)  
[87] (WO2004/037043)  
[30] US (10/280,927) 2002-10-25

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[51] **Int.Cl. B60J 1/08 (2006.01) B60J 1/12 (2006.01) B60J 7/00 (2006.01) B60J 10/02 (2006.01)**

[25] EN

[54] **QUICK CHANGE WINDOW ASSEMBLY**

[54] **ENSEMBLE FENETRE A CHANGEMENT RAPIDE**

[72] FARRAR, JERRY L., US

[72] CARSON, DALE, US

[73] TRANSIT CARE, INC., US

[85] 2005-03-30

[86] 2003-10-10 (PCT/US2003/032048)

[87] (WO2004/033238)

[30] US (60/418,385) 2002-10-11

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[25] EN

[54] **VASCULAR OCCLUSIVE DEVICE WITH ELASTOMERIC BIORESORBABLE COATING**

[54] **DISPOSITIF D'OCCLUSION VASCULAIRE AVEC REVETEMENT ELASTOMERIQUE BIORESORBABLE**

[72] JONES, DONALD K., US

[72] ROLLER, MARK B., US

[72] SCOPELIANOS, ANGELO G., US

[72] VYAKARNAM, MURTY N., US

[73] CORDIS NEUROVASCULAR, INC., US

[86] (2501526)

[87] (2501526)

[22] 2005-03-21

[30] US (10/811,753) 2004-03-29

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[13] C

[51] **Int.Cl. C07C 7/04 (2006.01) C07C 6/02 (2006.01) C07C 7/12 (2006.01)**

[25] EN

[54] **STABILIZATION OF OLEFIN METATHESIS PRODUCT MIXTURES**

[54] **STABILISATION DE MELANGES DE PRODUIT DE METATHESE D'OLEFINE**

[72] BURDETT, KENNETH A., US

[72] MAUGHON, BOB R., US

[72] AU-YEUNG, PATRICK H., US

[73] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2005-04-05

[86] 2003-09-26 (PCT/US2003/030632)

[87] (WO2004/037754)

[30] US (60/421,355) 2002-10-24

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[25] EN

[54] **PRECURSOR N-ACETYL GALACTOSAMINE-4-SULFATASE, METHODS OF TREATMENT USING SAID ENZYME AND METHODS FOR PRODUCING AND PURIFYING SAID ENZYME**

[54] **PRECURSEUR N-ACETYL GALACTOSAMINE-4-SULFATASE, METHODES DE TRAITEMENT AU MOYEN DUDIT ENZYME ET PROCEDES DE PRODUCTION ET DE PURIFICATION DUDIT ENZYME**

[72] QIN, MINMIN, US

[72] HENSTRAND, JOHN M., US

[72] ZECHERLE, GARY N., US

[72] WENDT, DAN J., US

[72] CHAN, WAI-PAN, US

[72] CHEN, LIN, US

[72] FITZPATRICK, PAUL A., US

[72] STARR, CHRISTOPHER M., US

[72] SWIEDLER, STUART, US

[73] BIOMARIN PHARMACEUTICAL INC., US

[85] 2005-04-21

[86] 2003-11-07 (PCT/US2003/035510)

[87] (WO2004/043373)

[30] US (10/290,908) 2002-11-07

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[11] **2,503,781**  
[13] C

[51] **Int.Cl. G06F 15/16 (2006.01) G06F 15/177 (2006.01)**

[25] EN

[54] **ON-DEMAND INSTANTIATION IN A HIGH-PERFORMANCE COMPUTING (HPC) SYSTEM**

[54] **INSTANCIATION SUR DEMANDE DANS UN SYSTEME DE CALCUL DE HAUTE PERFORMANCE (CHP)**

[72] DAVIDSON, SHANNON V., US

[73] RAYTHEON COMPANY, US

[86] (2503781)

[87] (2503781)

[22] 2005-04-07

[30] US (10/991,994) 2004-11-17

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[13] C

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[25] EN

[54] **ELECTRICAL WIRING DEVICE**

[54] **DISPOSITIF DE CABLAGE ELECTRIQUE**

[72] KUREK, STEPHEN R., US

[72] TUFANO, ANTHONY, JR., US

[72] LEVIN, EMMA, US

[73] LEVITON MANUFACTURING CO., INC., US

[86] (2503909)

[87] (2503909)

[22] 2005-04-04

[30] US (60,559,925) 2004-04-05

[30] US (11/088,755) 2005-03-25

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[13] C

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[25] EN

[54] **RAMAN AMPLIFIER**

[54] **AMPLIFICATEUR RAMAN**

[72] NAKAJI, HARUO, JP

[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP

[86] (2504022)

[87] (2504022)

[22] 2005-04-13

[30] JP (2004-128889) 2004-04-23

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[13] C

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[25] EN

[54] **DISPENSING SYSTEM FOR SEVERABLE PACKAGING ARRANGED IN LAYERS**

[54] **SYSTEME DE DISTRIBUTION DE PRODUITS EMBALLEES DANS DES CONDITIONNEMENTS SEPARABLES PLACES EN COUCHES**

[72] KLEIN, RONALD T., US  
[72] SKIBA, BARBARA T., US  
[72] RAMBO, CHARLES, III, US  
[73] SAGE PRODUCTS, INC., US  
[86] (2505572)  
[87] (2505572)  
[22] 2005-04-28  
[30] US (10/979,659) 2004-10-14

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[13] C

[51] **Int.Cl. G05D 7/06 (2006.01) A61M 1/36 (2006.01) A61M 16/00 (2006.01)**

[25] EN

[54] **VOLUME FLOW CONTROLLER**

[54] **REGULATEUR DE DEBIT-VOLUME**

[72] DOWNIE, NEIL ALEXANDER, GB  
[73] AIR PRODUCTS AND CHEMICALS, INC., US  
[85] 2005-05-10  
[86] 2003-11-20 (PCT/GB2003/005064)  
[87] (WO2004/046840)  
[30] GB (0227109.6) 2002-11-20

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[11] **2,506,023**  
[13] C

[51] **Int.Cl. E05F 15/20 (2006.01)**

[25] EN

[54] **BARRIER MOVEMENT OPERATOR WITH CONTROLLED POWER OUTLET**

[54] **TERMINAL DE FRANCHISSEMENT DE BARRIERE AVEC PRISE DE COURANT CONTROLEE**

[72] OLMSTED, ROBERT J., US  
[73] THE CHAMBERLAIN GROUP, INC., US  
[86] (2506023)  
[87] (2506023)  
[22] 2005-04-29  
[30] US (10/843,918) 2004-05-12

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[11] **2,506,266**  
[13] C

[51] **Int.Cl. C10C 3/02 (2006.01) C10C 3/10 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR UPGRADING BITUMINOUS MATERIAL**

[54] **METHODE ET DISPOSITIF D'AMELIORATION DE MATERIAU BITUMINEUX**

[72] CALDERON, ALBERT, US  
[72] LAUBIS, TERRY JAMES, US  
[72] MCCARTHY, RICHARD OWEN, US  
[73] CALDERON ENERGY COMPANY OF BOWLING GREEN, INC., US  
[86] (2506266)  
[87] (2506266)  
[22] 2005-05-04  
[30] US (11/078,949) 2005-03-07

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[11] **2,506,315**  
[13] C

[51] **Int.Cl. B42B 5/12 (2006.01) B21F 23/00 (2006.01) B21F 45/16 (2006.01)**

[25] EN

[54] **DEVICE AND PROCEDURE FOR TWISTING A COIL INTO PERFORATIONS OF FLAT COMPONENTS**

[54] **DISPOSITIF ET METHODE DE TORSION D'UNE BOBINE DANS DES PERFORATIONS DE COMPOSANTS PLATS**

[72] LEHMANN, HARTMUT, DE  
[72] VIETH, GUNNAR, DE  
[73] KUGLER-WOMAKO GMBH, DE  
[86] (2506315)  
[87] (2506315)  
[22] 2005-05-04  
[30] DE (10 2004 022 246.0) 2004-05-04

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[13] C

[51] **Int.Cl. G06F 3/00 (2006.01) G06F 13/00 (2006.01) H04N 5/782 (2006.01)**

[25] EN

[54] **TECHNIQUE FOR DELIVERING NETWORK PERSONAL VIDEO RECORDER SERVICE AND BROADCAST PROGRAMMING SERVICE OVER A COMMUNICATIONS NETWORK**

[54] **TECHNIQUE PERMETTANT DE FOURNIR UN SERVICE DE MAGNETOSCOPE PERSONNEL SUR RESEAU ET UN SERVICE DE PROGRAMMATION DE DIFFUSION SUR UN RESEAU DE COMMUNICATIONS**

[72] PATEL, VIPUL B., US  
[72] CALLAHAN, JOHN W., US  
[73] TIME WARNER CABLE ENTERPRISES LLC, US  
[85] 2005-05-19  
[86] 2003-11-13 (PCT/US2003/036388)  
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[30] US (10/302,550) 2002-11-22  
[30] US (10/643,111) 2003-08-18

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[13] C

[51] **Int.Cl. G06T 11/00 (2006.01) G06T 11/60 (2006.01) G06F 17/50 (2006.01)**

[25] EN

[54] **METHOD OF REGISTERING AND ALIGNING MULTIPLE IMAGES**

[54] **METHODE DE CADRAGE ET D'ALIGNEMENT D'IMAGES MULTIPLES**

[72] ZAVADSKY, VYACHESLAV, CA  
[72] ABT, JASON, CA  
[72] BRAVERMAN, MARK, CA  
[72] KEYES, EDWARD, CA  
[72] MARTINCEVIC, VLADIMIR, CA  
[73] SEMICONDUCTOR INSIGHTS INC., CA  
[86] (2507174)  
[87] (2507174)  
[22] 2005-05-13

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[13] C  
[51] **Int.Cl. C12Q 1/34 (2006.01) A61K 31/10 (2006.01) A61K 31/437 (2006.01) A61K 31/445 (2006.01) A61K 31/505 (2006.01) A61K 31/52 (2006.01)**  
[25] EN  
[54] **REAL TIME METHYLUMBELLIFERONE-BASED ASSAY**  
[54] **EPREUVE EN TEMPS REEL POUR LA METHYLUMBELLIFERONE**  
[72] MAHURAN, DON, CA  
[72] TROPAK, MICHAEL, CA  
[72] BROWN, ERIC, CA  
[72] BLANCHARD, JAN, CA  
[73] THE HOSPITAL FOR SICK CHILDREN, CA  
[73] MCMASTER UNIVERSITY, CA  
[86] (2507348)  
[87] (2507348)  
[22] 2005-05-13  
[30] US (60/570,458) 2004-05-13

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[11] **2,508,821**  
[13] C  
[51] **Int.Cl. B23P 6/00 (2006.01)**  
[25] FR  
[54] **PROCESS FOR MANUFACTURING OR REPAIRING A COATING ON A METALLIC SUBSTRATE**  
[54] **PROCEDE DE FABRICATION OU DE REPARATION D'UN REVETEMENT SUR UN SUBSTRAT METALLIQUE**  
[72] RICHIN, CATHERINE, FR  
[72] SICCAT, ALAIN, FR  
[73] SNECMA, FR  
[86] (2508821)  
[87] (2508821)  
[22] 2005-05-26  
[30] FR (0405778) 2004-05-28

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[13] C  
[51] **Int.Cl. H05K 7/14 (2006.01) H05K 7/18 (2006.01)**  
[25] EN  
[54] **POWER DISTRIBUTION PANEL WITH MODULAR INSERTS**  
[54] **STATION DE DISTRIBUTION A ELEMENTS MODULAIRES**  
[72] CABRERA, CARLOS, MX  
[72] HERNANDEZ, DELFINO, MX  
[72] JOHNSEN, DAVID J., US  
[73] ADC TELECOMMUNICATIONS, INC., US  
[85] 2005-06-07  
[86] 2003-12-12 (PCT/US2003/039451)  
[87] (WO2004/056164)  
[30] US (10/319,456) 2002-12-13

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[13] C  
[51] **Int.Cl. E01C 23/01 (2006.01) E01B 35/00 (2006.01)**  
[25] EN  
[54] **A VISION SYSTEM AND A METHOD FOR SCANNING A TRAVELING SURFACE TO DETECT SURFACE DEFECTS THEREOF**  
[54] **SYSTEME DE VISION ET METHODE DE BALAYAGE D'UNE SURFACE DE CIRCULATION POUR Y DETECTER LES DEFAUTS DE SURFACE**  
[72] LAURENT, JOHN, CA  
[72] DOUCET, MICHEL, CA  
[73] INSTITUT NATIONAL D'OPTIQUE, CA  
[86] (2509076)  
[87] (2509076)  
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[11] **2,509,679**  
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[51] **Int.Cl. C10L 1/14 (2006.01)**  
[25] EN  
[54] **COLD FLOW IMPROVER COMPOSITIONS IN LOW-NAPHTHALENE SOLVENT NAPHTHA**  
[54] **COMPOSITIONS POUR AMELIORER L'ECOULEMENT A FROID DANS UN SOLVANT DE NAPHTHA A FAIBLE TENEUR EN NAPHTHALENE**  
[72] SIGGELKOW, BETTINA, DE  
[72] HESS, MARTINA, DE  
[73] CLARIANT PRODUKTE (DEUTSCHLAND) GMBH, DE  
[86] (2509679)  
[87] (2509679)  
[22] 2005-06-10  
[30] DE (102004028495.4) 2004-06-11

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[51] **Int.Cl. B61D 3/04 (2006.01) B61D 3/18 (2006.01)**  
[25] EN  
[54] **RAIL CAR LOADING APPARATUS**  
[54] **DISPOSITIF DE CHARGEMENT DE WAGONS PORTE-RAILS**  
[72] BURT, BARRY, CA  
[72] MARCOTTE, NEIL, CA  
[73] BRANDT ROAD RAIL CORPORATION, CA  
[86] (2510233)  
[87] (2510233)  
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[13] C  
[51] **Int.Cl. A24D 1/00 (2006.01)**  
[25] EN  
[54] **SMOKING KIT FOR CUSTOMIZING A TOBACCO PRODUCT**  
[54] **TROUSSE A FUMER POUR PERSONNALISATION D'UN PRODUIT DU TABAC**  
[72] GOMEZ, REMBERTO ANDRES ESTRELLA, DO  
[73] GOMEZ, REMBERTO ANDRES ESTRELLA, DO  
[86] (2511736)  
[87] (2511736)  
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- [25] EN
- [54] **KIM-1 ANTAGONISTS AND USE TO MODULATE IMMUNE SYSTEM**
- [54] **ANTAGONISTES DE LA MOLECULE-1 ASSOCIEE A UNE LESION RENALE ET LEUR UTILISATION POUR MODULER LE SYSTEME IMMUNITAIRE**
- [72] RENNERT, PAUL D., US
- [73] BIOGEN IDEC MA INC., US
- [85] 2005-06-29
- [86] 2003-12-29 (PCT/US2003/041294)
- [87] (WO2004/060041)
- [30] US (60/436,934) 2002-12-30

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[13] C
- [51] **Int.Cl. C08L 67/08 (2006.01) C08G 63/91 (2006.01) C09D 167/08 (2006.01) C08L 25/14 (2006.01) C08L 33/04 (2006.01)**
- [25] FR
- [54] **AQUEOUS DISPERSION OF ALKYDE RESIN WHICH IS TREATED WITH AN OXIDIZING AGENT AND WHICH HAS IMPROVED DRYING PROPERTIES**
- [54] **DISPERSION AQUEUSE DE RESINE ALKYDE TRAITEE PAR UN AGENT OXYDANT, A SECHAGE AMELIORE**
- [72] COGORDAN, FRANK, FR
- [72] RODRIGUEZ, IVAN, FR
- [73] CRAY VALLEY S.A., FR
- [85] 2005-07-20
- [86] 2004-01-27 (PCT/FR2004/000185)
- [87] (WO2004/069933)
- [30] FR (03/01130) 2003-01-31

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[13] C
- [51] **Int.Cl. A43B 3/12 (2006.01) A43B 7/00 (2006.01)**
- [25] EN
- [54] **HYGIENIC SANDAL**
- [54] **NU-PIED HYGIENIQUE**
- [72] ASHAM, ARNOLD, CA
- [73] ASHAM, ARNOLD, CA
- [86] (2514808)
- [87] (2514808)
- [22] 2005-08-08

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[13] C
- [51] **Int.Cl. A61K 31/18 (2006.01) A61K 31/10 (2006.01) A61K 31/40 (2006.01) C07C 309/02 (2006.01) C07C 311/00 (2006.01) C07D 207/333 (2006.01) C07D 209/46 (2006.01)**
- [25] EN
- [54] **SULFONIC ACIDS, THEIR DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
- [54] **ACIDES SULFONIQUES, LEURS DERIVES ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CES COMPOSES**
- [72] ALLEGRETTI, MARCELLO, IT
- [72] ARAMINI, ANDREA, IT
- [72] CESTA, MARIA CANDIDA, IT
- [72] BERTINI, RICCARDO, IT
- [72] BIZZARRI, CINZIA, IT
- [72] COLOTTA, FRANCESCO, IT
- [73] DOMPE PHA.R.MA S.P.A., IT
- [85] 2005-07-29
- [86] 2004-03-11 (PCT/EP2004/050293)
- [87] (WO2004/080951)
- [30] EP (03005783.0) 2003-03-14

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[13] C
- [51] **Int.Cl. B60C 23/04 (2006.01)**
- [25] EN
- [54] **COMMUNICATION SYSTEM FOR TIRE**
- [54] **SYSTEME DE COMMUNICATION POUR PNEUMATIQUE**
- [72] SHIMURA, KAZUHIRO, JP
- [73] THE YOKOHAMA RUBBER CO., LTD., JP
- [85] 2005-08-12
- [86] 2004-03-24 (PCT/JP2004/004051)
- [87] (WO2004/089658)
- [30] JP (2003-099248) 2003-04-02

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[13] C
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- [25] EN
- [54] **POLYPEPTIDES AND METHODS FOR MAKING THE SAME**
- [54] **POLYPEPTIDES ET METHODES D'OBTENTION**
- [72] SHERIFF, AHMED, DE
- [72] VOGT, BIRGIT, DE
- [72] BHARDWAJ, RANJIT S., DE
- [73] THERAVISION GMBH, DE
- [85] 2005-08-23
- [86] 2004-02-27 (PCT/EP2004/001986)
- [87] (WO2004/076479)
- [30] EP (03004445.7) 2003-02-27

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- [11] **2,516,889**  
[13] C
- [51] **Int.Cl. A41D 13/00 (2006.01) A62B 99/00 (2009.01) A62B 17/00 (2006.01) A62B 35/00 (2006.01)**
- [25] EN
- [54] **A PROTECTIVE GARMENT HAVING A DRAG AND RESCUE DEVICE ACCESSIBLE FROM THE COLLAR**
- [54] **VETEMENT DE PROTECTION A DISPOSITIF POUR TIRER ET POUR SAUVETAGE ACCESSIBLE DU COLLET**
- [72] TURCOTTE, MELANIE, CA
- [72] LALONDE, JOSEE, CA
- [73] SPERIAN PROTECTIVE APPAREL, LTD., CA
- [86] (2516889)
- [87] (2516889)
- [22] 2005-08-25

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[11] **2,517,181**  
[13] C

[51] **Int.Cl. C12N 7/04 (2006.01) C12N 7/00 (2006.01) C12N 7/02 (2006.01)**

[25] EN

[54] **METHODS OF PRODUCING INFLUENZA VACCINE COMPOSITIONS**

[54] **PROCEDES DE PRODUCTION DE COMPOSITIONS VACCINALES CONTRE LA GRIPPE**

[72] TRAGER, GEORGE ROBERT, US  
[72] SCHWARTZ, RICHARD M., US  
[72] MEHTA, HARSHVARDHAN, US  
[72] TRUONG-LE, VU, US  
[72] YEE, LUISA, US  
[72] BERRY, JOHN MICHAEL, US  
[72] CUI, WEIDONG, US  
[73] MEDIMMUNE, LLC, US  
[85] 2005-08-24  
[86] 2004-02-25 (PCT/US2004/005697)  
[87] (WO2005/014862)  
[30] US (60/450,181) 2003-02-25

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[11] **2,517,814**  
[13] C

[51] **Int.Cl. F16D 65/095 (2006.01)**

[25] EN

[54] **BRAKE CALIPER STRUCTURE OF STRADDLE SEAT OFF-ROAD VEHICLE**

[54] **STRUCTURE D'ETRIER DE FREIN POUR VEHICULE HORS ROUTE A ENFOURCHER**

[72] TOMITA, HIROAKI, JP  
[72] TODA, MAKOTO, JP  
[72] TAKAYANAGI, NAOKI, JP  
[73] HONDA MOTOR CO., LTD., JP  
[73] NISSIN KOGYO CO., LTD., JP  
[86] (2517814)  
[87] (2517814)  
[22] 2005-08-31  
[30] JP (2004-257201) 2004-09-03

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[11] **2,519,965**  
[13] C

[51] **Int.Cl. B65D 1/02 (2006.01) B32B 27/18 (2006.01)**

[25] EN

[54] **RETORTABLE LIGHT EXCLUDING CONTAINER AND METHODS OF USING SAME**

[54] **CONTENANT STERILISABLE NE LAISSANT PAS PASSER LA LUMIERE ET PROCEDES D'UTILISATION DE CE CONTENANT**

[72] GAMEL, MELISSA J., US  
[72] MACAULEY, R. PETER, US  
[72] STOKESBURY, ELWOOD L., US  
[72] HARP, DOUGLAS A., US  
[72] BARCA, JOHN G., US  
[72] YUAN, JAY Z., US  
[73] ABBOTT LABORATORIES, US  
[85] 2005-09-20  
[86] 2004-03-19 (PCT/US2004/008416)  
[87] (WO2004/085268)  
[30] US (10/393,087) 2003-03-20

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[11] **2,520,925**  
[13] C

[51] **Int.Cl. A47L 9/14 (2006.01)**

[25] EN

[54] **FILTER BAG ARRANGEMENT FOR A VACUUM CLEANER**

[54] **SAC-FILTRE POUR ASPIRATEUR**

[72] STEIN, THOMAS, DE  
[72] FALKENSTEIN, BERND, DE  
[73] STEIN & CO. GMBH, DE  
[86] (2520925)  
[87] (2520925)  
[22] 2005-09-23  
[30] DE (DE 10 2004 046 384.0) 2004-09-24

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[11] **2,522,423**  
[13] C

[51] **Int.Cl. C08G 18/68 (2006.01) C08F 20/18 (2006.01) C09D 175/04 (2006.01)**

[25] EN

[54] **RADIATION CURABLE COMPOSITIONS**

[54] **COMPOSITIONS A SECHAGE PAR RAYONNEMENT**

[72] BACH, HERMANN, US  
[72] CLEMENS, ROY B., US  
[72] GALEZA, LARRY, US  
[72] GAMBINO, CHARLES A., US  
[72] GRACE, SCOTT A., US  
[72] DVORCHAK, MICHAEL, US  
[72] SUBRAMANIAN, RAMESH, US  
[73] BAYER MATERIALSCIENCE LLC, US  
[86] (2522423)  
[87] (2522423)  
[22] 2005-10-05  
[30] US (10/966,790) 2004-10-15

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[11] **2,522,942**  
[13] C

[51] **Int.Cl. C09K 3/24 (2006.01) B29B 9/06 (2006.01) C08J 3/12 (2006.01)**

[25] EN

[54] **ARTIFICIAL SNOW AND METHOD FOR MAKING SAME**

[54] **NEIGE ARTIFICIELLE ET METHODE DE FABRICATION CONNEXE**

[72] QUEE, JOHN, CA  
[72] QUEE, ELIZABETH, CA  
[73] THOMAS FX GROUP INC., CA  
[86] (2522942)  
[87] (2522942)  
[22] 2005-10-07

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[11] **2,523,614**  
[13] C

[51] **Int.Cl. A47L 9/24 (2006.01) A47L 9/02 (2006.01) A47L 9/32 (2006.01)**

[25] EN

[54] **PIVOTAL AND ROTATIONAL CONNECTION FOR A VACUUM CLEANER TOOL**

[54] **RACCORD ROTATIF ET A PIVOT POUR OUTIL D'ASPIRATEUR**

[72] STEIN, THOMAS, DE  
[73] STEIN & CO. GMBH, DE  
[86] (2523614)  
[87] (2523614)  
[22] 2005-10-17  
[30] DE (10 2004 050 471.7) 2004-10-16  
[30] DE (DE 10 2004 052 306.1) 2004-10-28

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[13] C

[51] **Int.Cl. B27N 7/00 (2006.01) B27M 1/08 (2006.01)**  
[25] EN  
[54] **STABILITY-KERFING OF GREEN LUMBER TO OBTAIN IMPROVEMENTS IN DRYING AND FUTURE UTILIZATION**  
[54] **ENTAILLE DE STABILITE DANS LE BOIS VERT POUR AMELIORER LE SECHAGE ET POUR LES UTILISATIONS FUTURES**  
[72] ERICKSON, ROBERT W., US  
[73] ERICKSON, ROBERT W., US  
[86] (2523615)  
[87] (2523615)  
[22] 2005-10-18  
[30] US (60/620,142) 2004-10-19

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[11] **2,524,748**  
[13] C

[51] **Int.Cl. A61D 3/00 (2006.01) A01K 27/00 (2006.01) A61D 7/00 (2006.01)**  
[25] EN  
[54] **HARNESS INTERFACE CONDUIT, TETHER LINE, AND SWIVEL FOR USE IN ANIMALS**  
[54] **CONDUIT D'INTERFACE DE HARNAIS, LIGNE D'ATTACHE ET EMERILLON, POUR UTILISATION AVEC ANIMAUX**  
[72] DENAULT, STEVEN, US  
[72] RUITER, MATTHEW, US  
[73] STRATEGIC APPLICATIONS, INC., US  
[86] (2524748)  
[87] (2524748)  
[22] 2005-10-27  
[30] US (11/176,510) 2005-07-06

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[11] **2,524,815**  
[13] C

[51] **Int.Cl. G01B 7/30 (2006.01) G01D 5/20 (2006.01)**  
[25] EN  
[54] **NON-CONTACT ROTATION ANGLE DETECTING SENSOR**  
[54] **DETECTEUR D'ANGLE DE ROTATION SANS CONTACT**  
[72] SATO, SHUNICHI, JP  
[73] NILES CO., LTD., JP  
[86] (2524815)  
[87] (2524815)  
[22] 2005-10-31  
[30] JP (2004-318131) 2004-11-01

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[11] **2,525,034**  
[13] C

[51] **Int.Cl. H04W 24/00 (2009.01)**  
[25] EN  
[54] **MEASURING MEDIUM ACTIVITY PATTERNS IN WIRELESS NETWORKS AND DERIVING INFORMATION FROM THE ACTIVITY PATTERNS**  
[54] **MESURES DES PROFILS D'ACTIVITE D'APPAREILS DANS DES RESEAUX SANS FIL ET COMPILATION D'INFORMATION A PARTIR DES PROFILS D'ACTIVITE**  
[72] MANGOLD, STEFAN, US  
[72] ZHONG, ZHUN, US  
[72] SOOMRO, AMJAD, US  
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2005-11-07  
[86] 2004-05-03 (PCT/IB2004/001506)  
[87] (WO2004/100468)  
[30] US (60/469,196) 2003-05-09  
[30] US (60/503,850) 2003-09-17

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[11] **2,525,268**  
[13] C

[51] **Int.Cl. G02B 6/46 (2006.01)**  
[25] EN  
[54] **OPTICAL FIBER DISTRIBUTION APPARATUS**  
[54] **APPAREIL DE REPARTITION DE FIBRES OPTIQUES**  
[72] RAIGOZA ESCOTO, ALEJANDRO, MX  
[72] PAVON LARA, GERARDO TEOFILO, MX  
[72] ZALETA, LEOCADIO MEXA, MX  
[73] CORNING CABLE SYSTEMS LLC, US  
[86] (2525268)  
[87] (2525268)  
[22] 2005-10-28  
[30] US (10/997,280) 2004-11-24

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[11] **2,525,650**  
[13] C

[51] **Int.Cl. C10G 67/00 (2006.01)**  
[25] EN  
[54] **A HYDROCRACKING PROCESS FOR THE PRODUCTION OF ULTRA LOW SULFUR DIESEL**  
[54] **METHODE D'HYDROCRAQUAGE POUR LA PRODUCTION DE CARBURANT DIESEL A TRES BASSE TENEUR EN SOUFRE**  
[72] KALNES, TOM NELSON, US  
[72] THAKKAR, VASANT PRAGJI, US  
[72] HOEHN, RICHARD KEITH, US  
[73] UOP LLC, US  
[86] (2525650)  
[87] (2525650)  
[22] 2005-11-07

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[11] **2,525,805**  
[13] C

[51] **Int.Cl. H04L 1/00 (2006.01) H04J 11/00 (2006.01) H04L 1/20 (2006.01) H04W 24/00 (2009.01)**  
[25] EN  
[54] **INTERFERENCE AND NOISE ESTIMATION IN AN OFDM SYSTEM**  
[54] **ESTIMATION DES INTERFERENCES ET DU BRUIT DANS UN SYSTEME MROF**  
[72] SUTIVONG, ARAK, US  
[72] NAGUIB, AYMAN FAWZY, US  
[72] AGRAWAL, AVNEESH, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2005-11-14  
[86] 2004-05-14 (PCT/US2004/015204)  
[87] (WO2004/104530)  
[30] US (60/470,724) 2003-05-14  
[30] US (10/809,538) 2004-03-24

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[13] C

[51] **Int.Cl. C08G 65/334 (2006.01) A61K 47/48 (2006.01) C08G 65/333 (2006.01)**

[25] EN

[54] **RELEASABLE POLYMERIC CONJUGATES BASED ON ALIPHATIC BIODEGRADABLE LINKERS**

[54] **CONJUGUES POLYMERES LIBERABLES FONDES SUR DES LIEUX BIODEGRADABLES ALIPHATIQUES**

[72] ZHAO, HONG, US

[72] GREENWALD, RICHARD B., US

[73] ENZON PHARMACEUTICALS, INC., US

[85] 2005-11-22

[86] 2003-08-13 (PCT/US2003/025253)

[87] (WO2004/108070)

[30] US (10/449,849) 2003-05-30

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[13] C

[51] **Int.Cl. H04N 21/242 (2011.01) H04H 60/76 (2009.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR DYNAMICALLY GENERATING AND DISTRIBUTING SYNCHRONIZED ENHANCEMENTS TO A BROADCAST SIGNAL**

[54] **SYSTEMES ET PROCEDES DE GENERATION ET DE DISTRIBUTION DYNAMIQUE D'ELEMENTS SYNCHRONISES A UN SIGNAL DE RADIODIFFUSION**

[72] LEWIN, BLAKE P., US

[72] WOODWARD, STEPHEN GRAHAM, US

[73] TURNER BROADCASTING SYSTEM, INC. (TBS, INC.), US

[85] 2005-11-17

[86] 2004-05-24 (PCT/US2004/016373)

[87] (WO2004/107759)

[30] US (10/443,643) 2003-05-22

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[11] **2,526,521**  
[13] C

[51] **Int.Cl. C22C 1/05 (2006.01)**

[25] EN

[54] **ADVANCED EROSION-CORROSION RESISTANT BORIDE CERMETS**

[54] **CERMETS AMELIORES A BASE DE BORURE RESISTANTS A LA CORROSION-EROSION**

[72] BANGARU, NARASIMHA-RAO VENKATA, US

[72] CHUN, CHANGMIN, US

[72] THIRUMALAI, NEERAJ SRINIVAS, US

[72] JIN, HYUN-WOO, US

[72] PETERSON, JOHN ROGER, US

[72] ANTRAM, ROBERT LEE, US

[72] FOWLER, CHRISTOPHER JOHN, US

[72] KOO, JAYOUNG, US

[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

[85] 2005-11-18

[86] 2004-05-18 (PCT/US2004/015555)

[87] (WO2004/104242)

[30] US (60/471,993) 2003-05-20

[30] US (10/829,816) 2004-04-22

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[11] **2,526,659**  
[13] C

[51] **Int.Cl. C10G 65/08 (2006.01)**

[25] EN

[54] **HYDROGENATION OF MIDDLE DISTILLATE USING A COUNTER-CURRENT REACTOR**

[54] **HYDROGENATION DE DISTILLAT MOYEN A L'AIDE D'UN REACTEUR A CONTRE-COURANT**

[72] VIRDI, HARJEET, US

[72] ROY, ARUP, US

[72] NGUYEN, THU-HUONG, US

[73] ABB LUMMUS GLOBAL INC., US

[85] 2005-11-22

[86] 2004-05-28 (PCT/US2004/016910)

[87] (WO2004/108637)

[30] US (10/449,046) 2003-05-30

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[11] **2,526,695**  
[13] C

[51] **Int.Cl. G01N 33/566 (2006.01) C12N 15/00 (2006.01) G01N 33/15 (2006.01) C07K 14/705 (2006.01) C12Q 1/68 (2006.01)**

[25] FR

[54] **SELECTION OF ALLOSTERIC REGULATORS WITH CLASS III G PROTEIN-COUPLED RECEPTORS DEPLETED OF THE EXTRACELLULAR DOMAIN**

[54] **SELECTION DE REGULATEURS ALLOSTERIQUES AVEC RECEPTEURS COUPLES AUX PROTEINES G DE CLASSE III DEPOURVUS DU DOMAINE EXTRACELLULAIRE**

[72] GAVEN, FLORENCE, FR

[72] GOUDET, CYRIL, FR

[72] PIN, JEAN-PHILIPPE, FR

[72] PREZEAU, LAURENT, FR

[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR

[85] 2005-11-22

[86] 2004-05-11 (PCT/FR2004/001140)

[87] (WO2004/106932)

[30] FR (03/06136) 2003-05-22

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[11] **2,527,180**  
[13] C

[51] **Int.Cl. A47C 1/00 (2006.01) A47C 4/02 (2006.01) A47C 7/02 (2006.01) A47D 1/00 (2006.01)**

[25] EN

[54] **SEAT HAVING INCREMENTALLY ADJUSTABLE INCLINATION**

[54] **SIEGE A INCLINAISON REGLABLE PAR INCREMENT**

[72] MASCULL, GRAHAM JOHN, NZ

[73] MASCULL, ROGER THOMAS, NZ

[86] (2527180)

[87] (2527180)

[22] 2005-11-16

[30] NZ (540611) 2005-06-08



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[11] **2,528,550**  
[13] C

[51] **Int.Cl. C08F 214/18 (2006.01) C08F 214/22 (2006.01) C08L 23/08 (2006.01) C08L 27/12 (2006.01) C08L 27/16 (2006.01) C08L 101/00 (2006.01)**

[25] EN

[54] **MELT-PROCESSIBLE POLYMER COMPOSITION COMPRISING FLUOROPOLYMER HAVING LONG CHAIN BRANCHES**

[54] **COMPOSITION POLYMERE POUVANT ETRE TRAITEE A L'ETAT FONDU, A BASE DE FLUOROPOLYMERE AYANT DES RAMIFICATIONS DE CHAINE LONGUE**

[72] AMOS, STEPHEN E., US  
[72] HINTZER, KLAUS, US  
[72] KASPAR, HARALD, US  
[72] LAVALLEE, CLAUDE, US  
[73] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2005-12-07  
[86] 2004-06-09 (PCT/US2004/018422)  
[87] (WO2004/111124)  
[30] US (60/477,084) 2003-06-09

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[11] **2,528,782**  
[13] C

[51] **Int.Cl. G05B 19/418 (2006.01) D21G 9/00 (2006.01) G05B 19/042 (2006.01) G05B 19/05 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR DETERMINING THE CAUSES OF FAILURES IN INDUSTRIAL PROCESSES**

[54] **PROCEDE ET DISPOSITIF POUR DETERMINER LES CAUSES DE DEFAILLANCES DANS DES PROCESSUS INDUSTRIELS**

[72] HAAKS, STEFAN, DE  
[72] MICHAELIS, GERD, DE  
[72] WEGNER, CHRISTIAN-MARIUS, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE

[85] 2005-12-08  
[86] 2004-06-09 (PCT/EP2004/006264)  
[87] (WO2004/109012)  
[30] DE (103 26 427.2) 2003-06-10

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[11] **2,528,906**  
[13] C

[51] **Int.Cl. G01N 33/573 (2006.01)**

[25] EN

[54] **ANALYTICAL METHOD FOR PANCREATIN AND COMPARABLE COMPOSITIONS**

[54] **METHODE ANALYTIQUE POUR PANCREATINE ET COMPOSITIONS COMPARABLES**

[72] POTTHOFF, ANDREAS, DE  
[72] KOERNER, ANDREAS, DE  
[72] THUMBECK, BERND, DE  
[73] ABBOTT LABORATORIES GMBH, DE

[85] 2005-12-09  
[86] 2004-07-26 (PCT/EP2004/008332)  
[87] (WO2005/012911)  
[30] US (60/490,510) 2003-07-29

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[11] **2,528,955**  
[13] C

[51] **Int.Cl. B60S 1/38 (2006.01)**

[25] EN

[54] **COMPLIANT WINDSHIELD WIPER SYSTEMS**

[54] **SYSTEMES D'ESSUIE-GLACES FLEXIBLES POUR PARE-BRISE**

[72] KOTA, SRIDHAR, US  
[72] HETRICK, JOEL A., US  
[73] FLEXSYS, INC., US

[85] 2005-12-09  
[86] 2004-06-10 (PCT/US2004/018495)  
[87] (WO2004/110833)  
[30] US (60/477,648) 2003-06-10

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[11] **2,529,680**  
[13] C

[51] **Int.Cl. B67B 7/22 (2006.01) B67B 7/76 (2006.01)**

[25] EN

[54] **MECHANISM FOR CAN OPENER**

[54] **MECANISME POUR OUVRE-BOITE**

[72] MAH, PAT YIN, GB  
[72] SANDERS, MARK ANDREW, GB  
[73] DAKA RESEARCH INC., VG

[86] (2529680)  
[87] (2529680)  
[22] 2005-12-09  
[30] GB (0520686.7) 2005-10-12

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[11] **2,530,626**  
[13] C

[51] **Int.Cl. H04S 3/00 (2006.01)**

[25] EN

[54] **WAVE FIELD SYNTHESIS APPARATUS AND METHOD FOR DRIVING AN ARRAY OF LOUDSPEAKERS**

[54] **DISPOSITIF DE SYNTHESE DE CHAMP D'ONDES ET PROCEDE D'ACTIONNEMENT D'UN RESEAU DE HAUT-PARLEURS**

[72] ROEDER, THOMAS, DE  
[72] SPORER, THOMAS, DE  
[72] BRIX, SANDRA, DE  
[73] FRAUNHOFER-GELELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

[85] 2005-12-22  
[86] 2004-05-28 (PCT/EP2004/005824)  
[87] (WO2004/114725)  
[30] DE (103 28 335.8) 2003-06-24

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[11] **2,531,152**  
[13] C

[51] **Int.Cl. A61K 6/00 (2006.01) A61K 6/087 (2006.01)**

[25] EN

[54] **DENTAL ROOT CANAL SEALING COMPOSITION**

[54] **COMPOSITION DE SCELLEMENT DU CANAL D'UNE RACINE DENTAIRE**

[72] KLEE, JOACHIM E., DE  
[73] DENTSPLY DETREY GMBH, DE

[85] 2006-01-03  
[86] 2004-07-30 (PCT/EP2004/008598)  
[87] (WO2005/013921)  
[30] EP (03017390.0) 2003-07-31  
[30] US (60/551,347) 2004-03-10

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[11] **2,531,967**  
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) G01N 33/574 (2006.01)**

[25] EN

[54] **EXPRESSION PROFILE ALGORITHM AND TEST FOR CANCER PROGNOSIS**

[54] **ALGORITHME DE PROFIL D'EXPRESSION ET TEST DU PRONOSTIC DU CANCER**

[72] BAKER, JOFFRE, US

[72] BRYANT, JOHN L., US

[72] PAIK, SOONMYUNG, US

[72] SHAK, STEVEN, US

[73] GENOMIC HEALTH, INC., US

[73] NSABP FOUNDATION, INC., US

[85] 2006-01-09

[86] 2004-06-30 (PCT/US2004/021163)

[87] (WO2005/008213)

[30] US (60/486,302) 2003-07-10

[30] US (60/526,947) 2003-12-03

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[11] **2,532,563**  
[13] C

[51] **Int.Cl. D04H 13/00 (2006.01) A47L 13/16 (2006.01)**

[25] EN

[54] **CLEANING WIPE AND METHOD OF MANUFACTURE**

[54] **LINGETTE NETTOYANTE ET PROCEDE DE FABRICATION CORRESPONDANT**

[72] ZILLIG, DANIEL J., US

[72] OLSON, GARY L., US

[72] HASKETT, THOMAS E., US

[73] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2006-01-17

[86] 2004-06-23 (PCT/US2004/020094)

[87] (WO2005/010264)

[30] US (10/622,973) 2003-07-18

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[11] **2,533,244**  
[13] C

[51] **Int.Cl. B65G 53/46 (2006.01) B65G 53/24 (2006.01) B65G 53/40 (2006.01)**

[25] EN

[54] **AUGER AIRLOCK ASSEMBLY AND END DUMP HOUSING**

[54] **ENSEMBLE DE SAS DE TARIERE ET BATI A DEPOTOIR DE QUARTIER**

[72] NOBLE, MAX, CA

[72] REMPEL, FRANK, CA

[73] REM MANUFACTURING LTD., CA

[86] (2533244)

[87] (2533244)

[22] 2006-01-18

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[11] **2,533,522**  
[13] C

[51] **Int.Cl. C12N 9/64 (2006.01) A61K 38/17 (2006.01) C07K 14/745 (2006.01) C12Q 1/37 (2006.01)**

[25] EN

[54] **AMINO ACID-SUBSTITUTED COAGULATION FACTOR V**

[54] **FACTEUR DE COAGULATION V A ACIDE AMINE SUBSTITUE**

[72] GRUNDY, JEAN, CA

[72] PRYZDIAL, EDWARD L. G., CA

[72] ZEIBDAWI, ABED, CA

[73] CANADIAN BLOOD SERVICES, CA

[85] 2006-01-23

[86] 2004-07-23 (PCT/CA2004/001089)

[87] (WO2005/007843)

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[54] **MAGASIN DE DONNEES POUR DOCUMENTS D'APPLICATION LOGICIELLE**

[72] DAVIS, TRISTAN A., US

[72] TALEGHANI, ALI, US

[72] SAWICKI, MARCIN, US

[72] LITTLE, ROBERT A., US

[72] JONES, BRIAN M., US

[73] MICROSOFT CORPORATION, US

[86] (2533568)

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[25] EN

[54] **GLYCOSIDASE INHIBITORS AND METHODS OF SYNTHESIZING SAME**

[54] **INHIBITEURS DE LA GLYCOSIDASE ET LEURS PROCEDES DE SYNTHESE**

[72] GHAVAMI, AHMAD, CA

[72] JOHNSTON, BLAIR D., CA

[72] LIU, HUI, CA

[72] PINTO, BRIAN MARIO, CA

[72] SADALAPURE, KASHINATH, CA

[72] SZCZEPINA, MONICA G., CA

[73] SIMON FRASER UNIVERSITY, CA

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[86] 2004-06-25 (PCT/CA2004/000958)

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[54] **LUBRICATING BASE OIL COMPOSITIONS AND METHODS FOR IMPROVING FUEL ECONOMY IN AN INTERNAL COMBUSTION ENGINE USING SAME**

[54] **COMPOSITIONS D'HUILE DE BASE LUBRIFIANTE ET METHODES D'UTILISATION CONNEXES PERMETTANT D'ACCROITRE LES ECONOMIES DE CARBURANT DE MOTEURS A COMBUSTION INTERNE**

[72] ROBY, STEPHEN H., US

[72] RUELAS, SUSANNE G., US

[73] CHEVRON ORONITE COMPANY LLC, US

[86] (2534615)

[87] (2534615)

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[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS AND METHODS FOR ACCELERATING WOUND HEALING**

[54] **COMPOSITIONS PHARMACEUTIQUES ET METHODES PERMETTANT D'ACCELERER LA CICATRISATION DE PLAIES**

[72] BRAIMAN-WIKSMAN, LIORA, IL

[72] SOLOMONIK, INESSA, IL

[73] HEALOR LTD., IL

[85] 2006-02-06

[86] 2004-08-05 (PCT/IL2004/000727)

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[25] EN

[54] **NANO-BASED DEVICES FOR USE IN A WELLBORE**

[54] **DISPOSITIFS A NANOTECHNOLOGIE POUR Puits DE FORAGE**

[72] VENERUSO, ANTHONY F., FR

[73] SCHLUMBERGER CANADA LIMITED, CA

[86] (2535477)

[87] (2535477)

[22] 2006-02-08

[30] US (60/593,730) 2005-02-09

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[13] C

[51] **Int.Cl. C10J 3/46 (2006.01) C10J 3/48 (2006.01) C10J 3/86 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR PRODUCING SYNTHESIS GASES BY PARTIAL OXIDATION OF SLURRIES PREPARED FROM FUELS CONTAINING ASH AND FULL QUENCHING OF THE CRUDE GAS**

[54] **DISPOSITIF ET METHODE DE PRODUCTION DE GAZ DE SYNTHESE PAR OXYDATION PARTIELLE DE COMBUSTIBLES EN SUSPENSION CONTENANT DES CENDRES, AU MOYEN DE LA TREMPE COMPLETE DE GAZ BRUTS**

[72] SCHINGNITZ, MANFRED, DE

[72] HOLLE, BERND, DE

[72] FISCHER, NORBERT, DE

[73] SIEMENS AKTIENGESELLSCHAFT, DE

[86] (2535725)

[87] (2535725)

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[30] DE (10 2005 043 212.3) 2005-09-09

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[25] EN

[54] **ACCESSORY FOR A ROTARY TOOL**

[54] **ACCESSOIRE POUR OUTIL ROTATIF**

[72] ALLEMANN, MARKUS, US

[72] ENNIS, EDWARD G., US

[72] MARAS, VERA, US

[72] NIETO, JOSE, US

[73] CREDO TECHNOLOGY CORPORATION, US

[73] ROBERT BOSCH GMBH, DE

[86] (2536355)

[87] (2536355)

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[25] EN

[54] **FEXOFENADINE POLYMORPHS AND PROCESSES OF PREPARING THE SAME**

[54] **POLYMORPHES DE LA FEXOFENADINE ET LEURS PROCEDES DE PREPARATION**

[72] RAO, DHARMARAJ RAMACHANDRA, IN

[72] KANKAN, RAJENDRA NARAYANRAO, IN

[72] GANGRADE, MANISH GOPALDAS, IN

[72] BIRARI, DILIP RAMDAS, IN

[73] CIPLA LIMITED, IN

[85] 2006-02-27

[86] 2004-08-25 (PCT/GB2004/003624)

[87] (WO2005/019175)

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[54] **POSITIONING MECHANISM FOR A VEHICLE**

[54] **MECANISME DE POSITIONNEMENT POUR VEHICULE**

[72] GIPSON, TOMMIE C., US

[73] RRI HOLDINGS, INC., US

[86] (2538786)

[87] (2538786)

[22] 2006-03-07

[30] US (60/730,736) 2005-10-27

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[51] **Int.Cl. A23L 1/234 (2006.01) A23F 5/46 (2006.01) A23L 1/226 (2006.01)**

[25] EN

[54] **SULFUR COMPOUNDS FOR ENHANCING COFFEE AROMA AND RESULTANT PRODUCTS CONTAINING SAME**

[54] **COMPOSES DE SOUFRE POUR RENFORCER L'AROME DU CAFE ET PRODUITS OBTENUS LES CONTENANT**

[72] KERLER, JOSEF, CH  
[72] LIARDON, REMY, CH  
[72] POISSON, LUIGI, CH  
[73] NESTEC S.A., CH  
[85] 2006-03-21  
[86] 2004-10-14 (PCT/EP2004/011556)  
[87] (WO2005/039313)  
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[13] C

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[25] EN

[54] **EXTENDED RELEASE VENLAFAXINE FORMULATION**

[54] **PREPARATION A BASE DE VENLAFAXINE A LIBERATION PROLONGEE**

[72] DIXIT, MANESH, US  
[72] CHENG, XIU XIU, US  
[72] NANGIA, AVINASH, US  
[72] CHEN, CHIH-MING, TW  
[73] ANDRX PHARMACEUTICALS, LLC, US  
[85] 2006-03-23  
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[87] (WO2005/048923)  
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[13] C

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[54] **LIP SYNCHRONIZATION SYSTEM AND METHOD**

[54] **SYSTEME ET METHODE DE SYNCHRONISATION LABIALE**

[72] WANG, DAVID, CA  
[72] IP, CLARENCE, CA  
[72] LAM, SIMPSON, CA  
[73] HB CANADA COMMUNICATIONS LTD., CA  
[86] (2541560)  
[87] (2541560)  
[22] 2006-03-31

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[13] C

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[54] **COMPOSITE NOZZLE CAP**

[54] **BOUCHON DE PRISE COMPOSITE**

[72] FONG, GARY, CA  
[72] BERCEANU, MIHAI, CA  
[73] STACKTECK SYSTEMS LTD., CA  
[86] (2543057)  
[87] (2543057)  
[22] 2006-04-10

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[13] C

[51] **Int.Cl. H01B 11/02 (2006.01)**

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[54] **LOCAL AREA NETWORK CABLING ARRANGEMENT WITH RANDOMIZED VARIATION**

[54] **ENSEMBLE DE CABLAGE POUR RESEAU LOCAL D'ENTREPRISE A VARIATION ALEATOIRE**

[72] HAYES, TRENT, US  
[72] HOPKINSON, WAYNE, US  
[73] COMMSCOPE SOLUTIONS PROPERTIES, LLC, US  
[85] 2006-04-21  
[86] 2004-10-25 (PCT/US2004/035360)  
[87] (WO2005/041219)  
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[25] EN

[54] **ANTIMICROBIAL COMPOSITES, FILMS, LABELSTOCKS AND LABELS**

[54] **COMPOSITES, FILMS, AUTOCOLLANTS ET ETIQUETTES ANTIMICROBIENS**

[72] HARTMAN, WILLIAM G., US  
[72] KO, CHAN U., US  
[73] AVERY DENNISON CORPORATION, US  
[85] 2006-04-24  
[86] 2004-10-14 (PCT/US2004/034197)  
[87] (WO2005/041660)  
[30] US (60/514,214) 2003-10-24

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[25] EN

[54] **ARTHROPOD REPELLENT PHARMACOPHORE MODELS, COMPOUNDS IDENTIFIED AS FITTING THE PHARMACOPHORE MODELS, AND METHODS OF MAKING AND USING THEREOF**

[54] **MODELES PHARMACOPHORES DE REPULSION DES ARTHROPODES, COMPOSES IDENTIFIES COMME LUTTANT CONTRE CES MODELES PHARMACOPHORES, ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**

[72] GUPTA, RAJ K., US  
[72] BHATTACHARJEE, APURBA K., US  
[72] LEE, DONNA MA, US  
[73] THE GOVERNMENT OF THE UNITED STATES, AS REPRESENTED BY THE SECRETARY OF THE ARMY, US  
[85] 2006-04-25  
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[25] EN  
[54] **SYSTEM AND METHOD FOR DELIVERY POINT PACKAGING**  
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION AU LIEU D'EMBALLAGE**  
[72] MILEAF, DARYL SUNNY, US  
[72] SHAW, CHARLES STEWART, US  
[72] WAKAMIYA, STANLEY KATSUYOSHI, US  
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US  
[85] 2006-04-25  
[86] 2004-10-22 (PCT/US2004/035152)  
[87] (WO2005/048095)  
[30] US (10/697,033) 2003-10-31

[11] **2,546,799**

[13] C

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[25] EN  
[54] **SYSTEM AND METHOD FOR CREATING AND PRESENTING MATHEMATICAL DOCUMENTS**  
[54] **SYSTEME ET METHODE PERMETTANT DE CREER ET DE PRESENTER DES DOCUMENTS DE MATHÉMATIQUES**  
[72] BERNARDIN, LAURENT, CA  
[72] DEMARCO, PAUL, CA  
[72] ELLIS, KEVIN, CA  
[72] HARE, DAVID E.G., CA  
[73] WATERLOO MAPLE INC., CA  
[86] (2546799)  
[87] (2546799)  
[22] 2006-05-15

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[13] C

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[54] **HIGH CAPACITY PARTICULATE LOADER AND TRANSFER APPARATUS**  
[54] **CHARGEUSE DE PARTICULES A HAUTE CAPACITE ET APPAREILLAGE DE TRANSFERT**  
[72] FRANCIS, LANE, CA  
[72] SONNTAG, BOB, CA  
[72] REMPEL, FRANK, CA  
[72] NOBLE, MAX, CA  
[72] DUCLOS, JODY, CA  
[73] REM MANUFACTURING LTD., CA  
[86] (2547163)  
[87] (2547163)  
[22] 2006-05-17

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[25] EN  
[54] **CRYSTALLINE ANHYDRATE WITH ANTICHOLINERGIC EFFECT**  
[54] **ANHYDRATE CRISTALLIN A EFFET ANTICHOLINERGIQUE**  
[72] PFRENGLE, WALDEMAR, DE  
[72] SIEGER, PETER, DE  
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
[85] 2006-05-01  
[86] 2004-10-29 (PCT/EP2004/012269)  
[87] (WO2005/042527)  
[30] EP (03025077.3) 2003-11-03

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[13] C

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[25] FR  
[54] **MASS CALIBRATION PROCESS FOR PARTS TO BE ASSEMBLED AROUND A ROTOR**  
[54] **PROCEDE DE CALIBRAGE EN MASSE DE PIECES DESTINEES A ETRE MONTEES EN PERIPHERIE D'UN ROTOR**  
[72] AUDIC, STEPHANE, FR  
[72] LEFEBVRE, ERIC JACQUES, FR  
[72] NITRE, THIERRY, FR  
[73] SNECMA, FR  
[86] (2547121)  
[87] (2547121)  
[22] 2006-05-18  
[30] FR (0505128) 2005-05-23

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[25] EN  
[54] **FATTY ACID ELONGASE (FAE) GENES AND THEIR UTILITY IN INCREASING ERUCIC ACID AND OTHER VERY LONG-CHAIN FATTY ACID PROPORTIONS IN SEED OIL**  
[54] **GENES ELONGASE D'ACIDE GRAS (FAE) ET LEUR UTILITE DANS L'AUGMENTATION DE PROPORTIONS D'ACIDE GRAS A TRES LONGUE CHAINE DANS L'HUILE DE GRAINES**  
[72] MIETKIEWSKA, ELZBIETA, CA  
[72] TAYLOR, DAVID C., CA  
[72] KATAVIC, VESNA, CA  
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[85] 2006-05-25  
[86] 2004-11-24 (PCT/CA2004/002021)  
[87] (WO2005/052162)  
[30] US (60/524,645) 2003-11-25

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[25] EN  
[54] **IMPROVED INVERSION OF INVERSE EMULSION POLYMERS**  
[54] **INVERSION AMELIOREE DE POLYMERES A EMULSION INVERSE**  
[72] HARRINGTON, JOHN C., US  
[72] GELMAN, ROBERT A., US  
[72] VAYNBERG, ABRAHAM K., US  
[73] HERCULES INCORPORATED, US  
[85] 2006-05-09  
[86] 2004-12-14 (PCT/US2004/042158)  
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[30] US (60/529,715) 2003-12-15  
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[25] EN  
[54] **CRANKCASE LUBRICANTS COMPRISING SALICYLATES**  
[54] **LUBRIFIANTS DE CARTER COMPRENANT DES SALICYLATES**  
[72] BELL, IAN A.W., GB  
[72] SHAW, ROBERT WILLIAM, GB  
[73] INFINEUM INTERNATIONAL LIMITED, GB  
[86] (2547388)  
[87] (2547388)  
[22] 2006-05-19  
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[51] **Int.Cl. A61K 31/381 (2006.01) A61P 25/16 (2006.01)**  
[25] EN  
[54] **USE OF ROTIGOTINE FOR THE TREATMENT OR PREVENTION OF DOPAMINERGIC NEURON LOSS**  
[54] **UTILISATION DE ROTIGOTINE POUR TRAITER OU PREVENIR LA PERTE DES NEURONES DOPAMINERGIQUES**  
[72] SCHELLER, DIETER, DE  
[72] DRESSEN, FRANK, DE  
[73] UCB PHARMA GMBH, DE  
[85] 2006-05-25  
[86] 2004-12-23 (PCT/EP2004/014655)  
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[30] DE (103 61 259.9) 2003-12-24

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[54] **PRESSURE SENSING**  
[54] **DETECTION DE PRESSION**  
[72] JOENSSON, LENNART, SE  
[72] DROTT, JOHAN, SE  
[72] HERTZ, THOMAS, SE  
[73] GAMBRO LUNDIA AB, SE  
[85] 2006-06-12  
[86] 2005-02-11 (PCT/SE2005/000184)  
[87] (WO2005/077262)  
[30] SE (0400330-7) 2004-02-12  
[30] US (60/544,205) 2004-02-12

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[51] **Int.Cl. A61J 3/07 (2006.01) A61K 9/48 (2006.01) A61K 35/74 (2006.01) A61K 47/44 (2006.01)**  
[25] EN  
[54] **PREBIOTIC AND PRESERVATIVE USES OF OIL-EMULSIFIED PROBIOTIC ENCAPSULATIONS**  
[54] **CAPSULES PROBIOTIQUES A EMULSION INVERSE UTILISEES COMME AGENTS PREBIOTIQUES ET CONSERVATEURS**  
[72] BAKSH, BING, US  
[73] VITA-HERB NUTRICEUTICALS, INC., US  
[86] (2549115)  
[87] (2549115)  
[22] 2003-09-26  
[62] 2,503,510  
[30] US (60/414,083) 2002-09-26

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[13] C  
[51] **Int.Cl. B01F 7/22 (2006.01) B23P 15/04 (2006.01)**  
[25] EN  
[54] **MIXING IMPELLER AND METHOD WITH PRE-SHAPED TIP ELEMENTS**  
[54] **AGITATEUR DE MELANGE ET METHODE A ELEMENTS D'EMBOUS PREFORMES**  
[72] GIGAS, BERND, US  
[72] KEHR, FREDERICK W., III, US  
[72] TAYLOR, THOMAS A., US  
[73] SPX CORPORATION, US  
[86] (2550212)  
[87] (2550212)  
[22] 2006-06-16  
[30] US (11/169,882) 2005-06-30

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[13] C  
[51] **Int.Cl. E21D 15/48 (2006.01) E21D 15/00 (2006.01) E21D 20/00 (2006.01) E21D 23/04 (2006.01)**  
[25] EN  
[54] **GROUT PACK RESTRAINING SYSTEM**  
[54] **SYSTEME DE CONTENTION POUR BLOC DE COULIS**  
[72] SKARBOVIG, NILS MITTET, ZA  
[73] NORSENET (PTY) LIMITED, ZA  
[86] (2550247)  
[87] (2550247)  
[22] 2006-06-12

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[13] C  
[51] **Int.Cl. A61L 27/52 (2006.01) A61K 9/00 (2006.01) A61K 47/36 (2006.01) A61L 27/54 (2006.01) A61L 27/58 (2006.01)**  
[25] EN  
[54] **CROSSLINKED HYALURONIC ACID COMPOSITIONS FOR TISSUE AUGMENTATION**  
[54] **COMPOSITIONS D'ACIDE HYALURONIQUE RETICULE POUR AUGMENTER UN TISSU**  
[72] SADOZAI, KHALID K., US  
[72] GOODING, TAMERA B., US  
[72] BUI, KYLE, US  
[72] SHERWOOD, CHARLES H., US  
[73] ANIKA THERAPEUTICS, INC., US  
[85] 2006-06-21  
[86] 2003-12-23 (PCT/US2003/041354)  
[87] (WO2005/067994)  
[30] US (10/743,557) 2003-12-22

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[13] C  
[51] **Int.Cl. A61M 39/10 (2006.01)**  
[25] EN  
[54] **MEDICAL CONNECTOR**  
[54] **CONNECTEUR MEDICAL**  
[72] GUALA, GIANNI, IT  
[73] INDUSTRIE BORLA S.P.A., IT  
[86] (2552669)  
[87] (2552669)  
[22] 2006-07-18  
[30] IT (TO2005A000516) 2005-07-25

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[13] C  
[51] **Int.Cl. C12N 9/30 (2006.01) C12N 15/56 (2006.01)**  
[25] EN  
[54] **AMYLASE**  
[54] **AMYLASE**  
[72] LIU, YE, CN  
[72] TANG, LAN, CN  
[72] SPENDLER, TINA, DK  
[72] STRINGER, MARY ANN, DK  
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[54] **CHAUSSURE A SEMELLE ET DESSUS RESPIRABLE ET IMPERMEABLE A L'EAU**

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[73] GEOX S.P.A., IT

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[11] **2,553,747**

[13] C

[51] **Int.Cl. B65G 13/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR UNLOADING RIBBON RAILS FROM RAIL CARS**

[54] **PROCEDE ET APPAREIL DE DECHARGEMENT DE LONGS RAILS SOUDES DE WAGONS PORTE-RAILS**

[72] HERZOG, STANLEY M., US

[72] BOUNDS, IVAN E., US

[72] BEERS, TIMOTHY M., US

[72] GLADDEN, WAYNE LEE, US

[72] GUERRA, LAWRENCE E., US

[73] HERZOG CONTRACTING CORP., US

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[54] **VAPOR PHASE GROWTH APPARATUS**

[54] **DISPOSITIF DE CROISSANCE EN PHASE VAPEUR**

[72] SHIMIZU, EIICHI, JP

[72] MAKINO, NOBUHITO, JP

[72] KAWABE, MANABU, JP

[73] NIPPON MINING & METALS CO., LTD., JP

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[54] **METHODS AND APPARATUS TO DETERMINE AUDIENCE VIEWING OF RECORDED PROGRAMS**

[54] **PROCEDES ET APPAREIL PERMETTANT DE DETERMINER LES PROGRAMMES ENREGISTRES REGARDES PAR LES SPECTATEURS**

[72] WRIGHT, DAVID HOWELL, US

[72] MILAVSKY, JOSEPH, US

[72] LEE, MORRIS, US

[72] FEININGER, WILLIAM A., US

[72] CONKLIN, CHARLES, US

[72] KOUTSOPANAGOS, VASILIKI, US

[72] RAMASWAMY, ARUN, US

[73] THE NIELSEN COMPANY (US), LLC, US

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[54] **MILIEUX DE FILTRAGE D'EAU ET FILTRES ASSOCIES**

[72] FREEMAN, JON J., US

[72] FREEMAN, CLARENCE S., US

[72] FREEMAN, MARK C., US

[73] FREEMAN, JON J., US

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[54] **STABILISED SUPERSATURATED SOLIDS OF LIPOPHILIC DRUGS**

[54] **MATIERES SOLIDES SURSATUREES STABILISEES DE MEDICAMENTS LIPOPHILES**

[72] FUNKE, ADRIAN, DE

[72] WAGNER, TORSTEN, DE

[72] LIPP, RALPH, US

[73] BAYER INTELLECTUAL PROPERTY GMBH, DE

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[54] **SYNERGISTICALLY ACTING HERBICIDAL MIXTURES INCLUDING IMAZAMOX OR AN ISOMER, SALT, ESTER OR AMIDE THEREOF AND A CHLORO ACETAMIDE HERBICIDE**

[54] **MELANGES HERBICIDES A ACTION SYNERGIQUE COMPRENANT DE L'IMAZAMOX OU UN ISOMERE, UN SEL, UN ESTER OU UN AMIDE D'IMAZAMOX ET UN HERBICIDE CHLOROACETAMIDE**

[72] SIEVERNICH, BERND, DE

[72] BRIX, HORST DIETER, DE

[72] MALEFYT, TIM, US

[73] BASF AKTIENGESELLSCHAFT, DE

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[54] **REVETEMENT RADIOPAQUE POUR DISPOSITIFS BIOMEDICAUX**  
[72] GLOCKER, DAVID A., US  
[72] ROMACH, MARK M., US  
[73] ISOFLUX, INC., US  
[85] 2006-09-18  
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[54] **BEVERAGE EXTRACTION ASSEMBLY FOR EXTRACTING A BEVERAGE FROM A PARTICULATE SUBSTANCE CONTAINED IN A CARTRIDGE**  
[54] **ENSEMBLE D'EXTRACTION DE BOISSON POUR EXTRAIRE UNE BOISSON A PARTIR D'UNE SUBSTANCE PARTICULAIRE CONTENUE DANS UNE CARTOUCHE**  
[72] SUGGI LIVERANI, FURIO, IT  
[72] MASTROPASQUA, LUCA, IT  
[72] VAN EEDEN, FRANS, IT  
[72] DELLAPIETRA, BRUNO, IT  
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[54] **METHOD FOR PREPARING 3-CYCLOPENTYLOXY-4-METHOXYBENZALDEHYDE**  
[54] **PROCEDE DE PREPARATION DE 3-CYCLOPENTYLOXY-4-METHOXYBENZALDEHYDE**  
[72] WILK, BOGDAN KAZIMIERZ, US  
[72] MWISIYA, NALUKUI, US  
[72] HELOM, JEAN LOUISE, US  
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[72] BABER, BRAD M., US  
[73] CREDO TECHNOLOGY CORPORATION, US  
[73] ROBERT BOSCH GMBH, DE  
[85] 2006-10-03  
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[72] MILLER, TROY, US  
[73] REVISION OPTICS, INC., US  
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[54] **DISPOSITIF ET PROTOCOLE D'INTERFACE**  
[72] WILLIAMS, ROBERT, US  
[72] CROSS-HANSEN, ALAN, US  
[72] TENGCO, TITO, US  
[73] ACIST MEDICAL SYSTEMS, INC., US  
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[72] GRIFFIN, MICHAEL D., US  
[72] GABA, RODOLFO, US  
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[72] HOWARD, NICHOLAS S., US  
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[54] **APPARATUS AND METHOD FOR PROVIDING BOTH DAY AND NIGHT VISION SIMULATIONS**  
[54] **APPAREIL ET PROCEDE DE GENERATION DE SIMULATIONS VISUELLES DIURNES ET NOCTURNES**  
[72] CHUNG, BOBBY HSIANG-HUA, US  
[72] MAXIMUS, BART, BE  
[73] BARCO SIMULATION, LLC, US  
[73] MEGGITT TRAINING SYSTEMS, INC., US  
[85] 2006-10-26  
[86] 2005-04-28 (PCT/US2005/014436)  
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[30] US (60/565,924) 2004-04-28  
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[25] EN  
[54] **SYSTEM AND METHOD FOR HANDLING PERIPHERAL CONNECTIONS TO MOBILE DEVICES**  
[54] **SYSTEME ET METHODE POUR TRAITER DES CONNEXIONS D'UN PERIPHERIQUE VERS DES DISPOSITIFS MOBILES**  
[72] ADAMS, NEIL P., CA  
[72] BROWN, MICHAEL K., CA  
[72] LITTLE, HERBERT A., CA  
[72] PATTENDEN, CHRISTOPHER E.S., CA  
[73] RESEARCH IN MOTION LIMITED, CA  
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[25] EN  
[54] **DEVICE FOR WINDING AND UNWINDING OF HOSES, CABLES OR THE LIKE**  
[54] **DISPOSITIF POUR ENROULER ET DEROULER DES TUYAUX, DES CABLES OU SIMILAIRE**  
[72] DETHIER, LIVIN FERNAND GEORGES, BE  
[73] DETHIER, LIVIN FERNAND GEORGES, BE  
[85] 2006-10-31  
[86] 2005-05-03 (PCT/BE2005/000067)  
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[30] BE (2004/0228) 2004-05-10

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[25] EN  
[54] **METHOD AND APPARATUS FOR IMPLEMENTING A DATA LIFESPAN TIMER FOR ENHANCED DEDICATED CHANNEL TRANSMISSIONS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE METTRE EN OEUVRE UN CHRONOMETRE DE LA DUREE DE VIE DE DONNEES AFIN D'OBTENIR DES TRANSMISSIONS SUR CANAL RESERVE AMELIOREES**  
[72] ZHANG, GUODONG, US  
[72] TERRY, STEPHEN E., US  
[73] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2006-11-03  
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[25] EN  
[54] **METHOD FOR PRODUCING A WORK, JOINTING AND SURFACING COMPOUND FOR STRUCTURAL ELEMENTS AND ITS METHOD OF PREPARATION**  
[54] **PROCEDE DE REALISATION D'UN OUVRAGE, DE JOINTEMENT ET DE SURFACAGE POUR ELEMENTS DE CONSTRUCTION ET SON PROCEDE DE PREPARATION**  
[72] LILING, CLAUDE, FR  
[73] LAFARGE SA, FR  
[85] 2006-11-03  
[86] 2005-05-04 (PCT/FR2005/001127)  
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- [51] **Int.Cl. C06B 45/14 (2006.01) C06C 9/00 (2006.01)**  
[25] EN  
[54] **A PYROTECHNIC THAT CAN BE METERED OUT, FOR USE AS A THERMAL FUSE IN A GAS GENERATOR, AND A GAS GENERATOR INCLUDING A COMPOUND HAVING SAID COMPOSITION**  
[54] **UN COMPOSITION PYROTECHNIQUE DOSABLE POUR UNE UTILISATION COMME FUSIBLE THERMIQUE DANS UN GENERATEUR DE GAZ, UN GENERATEUR DE GAZ COMPORTANT LADITE COMPOSITION**  
[72] MARLIN, FREDERIC, FR  
[72] MARINO, GERARD, FR  
[73] HERAKLES, FR  
[85] 2006-11-06  
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[54] **PROCEDE DE CREATION D'UN DOCUMENT XML SUR UN NAVIGATEUR WEB**  
[72] KIM, YOUNG KUN, KR  
[73] 3KSOFTWARE LLC, US  
[85] 2006-11-08  
[86] 2004-06-15 (PCT/KR2004/001418)  
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[54] **REDUCTION DU BRUIT POUR RECONNAISSANCE VOCALE AUTOMATIQUE**  
[72] GEMELLO, ROBERTO, IT  
[72] MANA, FRANCO, IT  
[73] LOQUENDO S.P.A., IT  
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[54] **A NOVEL DOSAGE FORM**  
[54] **NOUVELLE FORME DE DOSAGE**  
[72] BAR-SHALOM, DANIEL, DK  
[72] SLOT, LILLIAN, DK  
[72] FISCHER, GINA, DK  
[72] HEMMINGSEN, PERNILLE HOYRUP, DK  
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[54] **USE OF GLYCEROL AS AN ADDITIVE FOR AQUEOUS GLUES DEVOID OF FORMALDEHYDE**  
[54] **UTILISATION DE GLYCEROL EN TANT QU'ADDITIF POUR ENCOLLAGES AQUEUX EXEMPTS DE FORMALDEHYDE**  
[72] ESPIARD, PHILIPPE, FR  
[72] OLBRICH, EVA, DE  
[73] SAINT-GOBAIN ISOVER, FR  
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[51] **Int.Cl. C08L 23/02 (2006.01) C08L 67/02 (2006.01)**  
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[54] **USE OF POLYETHERESTERS FOR ROTOMOLDING**  
[54] **UTILISATION DE POLYETHERESTERS POUR ROTOMOULAGE**  
[72] MAZIERS, ERIC, BE  
[73] TOTAL PETROCHEMICALS RESEARCH FELUY, BE  
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[25] EN  
[54] **APPARATUS AND METHOD FOR MEASURING COMPOSITIONAL PARAMETERS OF A MIXTURE**  
[54] **APPAREIL ET PROCEDE POUR MESURER LES PARAMETRES DE COMPOSITION D'UN MELANGE**  
[72] GYSLING, DANIEL L., US  
[73] CIDRA CORPORATE SERVICES, INC., US  
[85] 2006-11-27  
[86] 2005-05-17 (PCT/US2005/017307)  
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[25] EN  
[54] **METHOD FOR PRODUCING A DISSOVLING PULP**  
[54] **METHODE DE PRODUCTION D'UNE PATE POUR TRANSFORMATION CHIMIQUE**  
[72] SIXTA, HERBERT, AT  
[73] LENZING AKTIENGESELLSCHAFT, AT  
[85] 2006-11-28  
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[54] **MRI BIOPSY APPARATUS INCORPORATING AN IMAGEABLE PENETRATING PORTION**  
[54] **APPAREIL DE BIOPSIE PAR IRM INTEGRANT UNE PARTIE DE PENETRATION POUVANT ETRE IMAGEE**  
[72] DIETZ, TIMOTHY G., US  
[72] DATTA, KESHAVA, US  
[72] HIBNER, JOHN A., US  
[72] MURRAY, MICHAEL A., US  
[72] HUGHES, ROBERT, US  
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[87] (WO2005/112778)  
[30] US (60/573,510) 2004-05-21  
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[54] **ARN INTERFERANT ENCAPSULE DANS DES LIPIDES**

[72] MACLACHLAN, IAN, CA

[72] PALMER, LORNE R., CA

[72] HEYES, JAMES, CA

[73] PROTIVA BIOTHERAPEUTICS, INC., CA

[85] 2006-12-06

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[87] (WO2005/121348)

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[30] US (60/577,961) 2004-06-07

[30] US (60/610,746) 2004-09-17

[30] US (60/679,427) 2005-05-09

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[11] **2,569,666**  
[13] C

[51] **Int.Cl. H04S 3/00 (2006.01)**

[25] EN

[54] **MULTI-CHANNEL SYNTHESIZER AND METHOD FOR GENERATING A MULTI-CHANNEL OUTPUT SIGNAL**

[54] **SYNTHETISEUR MULTICANAL ET PROCEDE DE PRODUCTION D'UN SIGNAL DE SORTIE MULTICANAL**

[72] HERRE, JUERGEN, DE

[72] DISCH, SASCHA, DE

[72] HILPERT, JOHANNES, DE

[72] ERTEL, CHRISTIAN, DE

[72] HOELZER, ANDREAS, DE

[72] SPENGER, CLAUS-CHRISTIAN, DE

[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

[85] 2006-12-06

[86] 2005-06-13 (PCT/EP2005/006315)

[87] (WO2006/002748)

[30] US (10/883,538) 2004-06-30

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[11] **2,569,779**  
[13] C

[51] **Int.Cl. C23F 13/10 (2006.01)**

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[54] **IMPROVED RESISTORED ANODE CONSTRUCTION**

[54] **ANODE A RESISTANCE AMELIOREE**

[72] MARCELINO, RONALD D., US

[72] RODEN, JAMES S., US

[73] RHEEM MANUFACTURING COMPANY, US

[86] (2569779)

[87] (2569779)

[22] 2006-12-01

[30] US (11/295,813) 2005-12-07

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[11] **2,569,826**  
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[51] **Int.Cl. C07D 239/90 (2006.01) A61K 31/517 (2006.01) A61P 25/00 (2006.01) C07D 401/06 (2006.01) C07D 405/12 (2006.01)**

[25] EN

[54] **SUBSTITUTED 2-ALKYL QUINAZOLINONE DERIVATIVES AS PARP INHIBITORS**

[54] **DERIVES DE 2-ALKYL QUINAZOLINONE SUBSTITUES EN TANT QU'INHIBITEURS DE PARP**

[72] VAN DER AA, MARCEL JOZEF MARIA, BE

[72] VAN HEERTUM, ALBERTUS HENRICUS MARIA THERESIA, BE

[72] VAN DUN, JACOBUS ALPHONSUS JOSEPHUS, BE

[72] SOMERS, MARIA VICTORINA FRANCISCA, BE

[72] WOUTERS, WALTER BOUDEWIJN LEOPOLD, BE

[73] JANSSEN PHARMACEUTICA N.V., BE

[85] 2006-12-07

[86] 2005-06-28 (PCT/EP2005/053034)

[87] (WO2006/003150)

[30] EP (04076887.1) 2004-06-30

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[11] **2,570,161**  
[13] C

[51] **Int.Cl. G05D 23/00 (2006.01) A61H 33/00 (2006.01) E03C 1/23 (2006.01)**

[25] EN

[54] **AUTOMATIC STAGNANT WATER FLUSHING SYSTEM**

[54] **SYSTEME DE RINCAGE AUTOMATIQUE D'EAU STAGNANTE**

[72] TAYLOR, THOMAS M., US

[73] MUELLER INTERNATIONAL, LLC, US

[85] 2006-12-08

[86] 2005-06-08 (PCT/US2005/019941)

[87] (WO2005/124494)

[30] US (10/864,560) 2004-06-09

[30] US (10/864,725) 2004-06-09

[30] US (10/864,743) 2004-06-09

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[11] **2,571,068**  
[13] C

[51] **Int.Cl. B31F 1/00 (2006.01) B29C 57/12 (2006.01)**

[25] EN

[54] **METHOD OF FORMING A MOUTH ROLL TO A CUP OF PLASTIC COATED BOARD AND A CUP MADE BY THE METHOD**

[54] **PROCEDE DE FORMATION D'UNE EMBOUCHURE ARRONDIE SUR UN GOBELET DE CARTON RECOUVERT DE PLASTIQUE ET GOBELET FABRIQUE PAR CE PROCEDE**

[72] RAESAENEN, JARI, FI

[72] KARINE, SEPPO, FI

[73] STORA ENSO OYJ, FI

[85] 2006-12-14

[86] 2005-07-25 (PCT/FI2005/000339)

[87] (WO2006/010787)

[30] FI (20041022) 2004-07-26

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[11] **2,573,973**  
[13] C

[51] **Int.Cl. A41D 27/28 (2006.01) A41D 13/002 (2006.01) A41D 27/02 (2006.01)**

[25] EN

[54] **VENTED PROTECTIVE GARMENT**

[54] **VETEMENT DE PROTECTION VENTILE**

[72] ALDRIDGE, DONALD, US

[72] CURTIS, NICHOLAS J., US

[72] OAKLEY, HAROLD, US

[73] LION APPAREL, INC., US

[85] 2007-01-15

[86] 2004-07-22 (PCT/US2004/023513)

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[11] **2,576,290**  
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[51] **Int.Cl. C07D 401/04 (2006.01)**

[25] EN

[54] **METHOD FOR THE PRODUCTION OF DIHYDROPTERIDINONES**

[54] **PROCEDE DE PRODUCTION DE DIHYDROPTERIDINONES**

[72] LINZ, GUENTER, DE

[72] KRAEMER, GERD F., DE

[72] GUTSCHERA, LUDWIG, DE

[72] ASCHE, GEERT, DE

[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

[85] 2007-02-07

[86] 2005-08-11 (PCT/EP2005/008734)

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[30] EP (04019365.8) 2004-08-14

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[13] C

[51] **Int.Cl. C07D 209/46 (2006.01) A61K 31/4035 (2006.01) A61P 11/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 209/48 (2006.01)**

[25] EN

[54] **ISOINDOLINE COMPOUNDS AND METHODS OF MAKING AND USING THE SAME**

[54] **COMPOSES D'ISOINDOLINE ET METHODES DE PRODUCTION ET D'UTILISATION DESDITS COMPOSES**

[72] MULLER, GEORGE W., US

[72] MAN, HON-WAH, US

[73] CELGENE CORPORATION, US

[85] 2007-01-25

[86] 2005-07-27 (PCT/US2005/026680)

[87] (WO2006/025991)

[30] US (10/900,270) 2004-07-28

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[11] **2,577,254**  
[13] C

[51] **Int.Cl. A61M 1/14 (2006.01) A61B 5/02 (2006.01)**

[25] EN

[54] **DETECTION OF DRASTIC BLOOD PRESSURE CHANGES**

[54] **DETECTION DE CHANGEMENTS RADICAUX DE PRESSION SANGUINE**

[72] SOERNMO, LEIF, SE

[72] SOLEM, KRISTIAN, SE

[73] GAMBRO LUNDIA AB, SE

[85] 2007-02-13

[86] 2005-09-12 (PCT/SE2005/001326)

[87] (WO2006/031186)

[30] SE (0402184-6) 2004-09-13

[30] US (60/593,729) 2005-02-09

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[11] **2,578,365**  
[13] C

[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/50 (2006.01)**

[25] EN

[54] **RETRACTABLE NEEDLE SYRINGE ASSEMBLY**

[54] **ENSEMBLE DE SERINGUE A AIGUILLE RETRACTABLE**

[72] SCHILLER, ERIC R., US

[72] D'ARRIGO, CHRISTINA J., US

[72] PADDOCK, DOUGLAS, US

[73] BECTON, DICKINSON AND COMPANY, US

[85] 2007-02-13

[86] 2005-08-12 (PCT/US2005/028919)

[87] (WO2006/020953)

[30] US (60/601,324) 2004-08-13

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[11] **2,579,115**  
[13] C

[51] **Int.Cl. A61K 8/46 (2006.01) A61Q 19/10 (2006.01) C11D 1/28 (2006.01) C11D 1/37 (2006.01) C11D 10/04 (2006.01) C11D 17/00 (2006.01)**

[25] EN

[54] **MILD ACYL ISETHIONATE TOILET BAR COMPOSITION**

[54] **COMPOSITION DE SAVON DE TOILETTE DOUX D'ACYLE ISETHIONATE**

[72] BRENNAN, MICHAEL AUGUSTINE, US

[72] MASSARO, MICHAEL, US

[72] ABBAS, SYED HUSAIN, US

[73] UNILEVER PLC, GB

[85] 2007-03-02

[86] 2005-10-06 (PCT/EP2005/010871)

[87] (WO2006/045420)

[30] US (10/973,729) 2004-10-26

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[13] C

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[25] EN

[54] **DRAPEABLE SANITARY ABSORBENT NAPKIN AND MATERIALS FOR USE IN DRAPEABLE SANITARY ABSORBENT ARTICLES**

[54] **SERVIETTE HYGIENIQUE ABSORBANTE POUVANT FORMER UN DRAPE ET MATERIAUX DESTINES A DES ARTICLES HYGIENIQUES ABSORBANTS POUVANT FORMER UN DRAPE**

[72] POCIA, JOHN, US

[72] ROSENFELD, LEONARD G., US

[72] JONES, ARCHIE L., US

[72] WYSOCKI, THERESA, US

[72] LERNER, KATJA, DE

[72] ARAMENDIA, ALVARO GARCIA, ES

[72] KIRSCH, ELISABETH, DE

[73] MCNEIL-PPC, INC., US

[85] 2007-03-06

[86] 2005-09-16 (PCT/US2005/033281)

[87] (WO2006/034096)

[30] US (60/610,315) 2004-09-16

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[13] C

[51] **Int.Cl. B02C 19/18 (2006.01) C22B 1/00 (2006.01)**

[25] EN

[54] **METHOD FOR COMMINATION OF MATERIAL**

[54] **PROCEDE DE FRAGMENTATION DE MATERIAU**

[72] HINDSTOEM, SAMI, FI

[73] OUTOTEC OYJ, FI

[85] 2007-03-09

[86] 2005-10-04 (PCT/FI2005/000421)

[87] (WO2006/037842)

[30] FI (20041284) 2004-10-04

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[13] C

[51] **Int.Cl. A61F 2/856 (2013.01) A61F 2/07 (2013.01)**

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[54] **SIDE BRANCH STENT GRAFT**

[54] **GREFFON D'ENDOPROTHESE A BRANCHE LATERALE**

[72] HARTLEY, DAVID ERNEST, AU

[73] WILLIAM A. COOK AUSTRALIA PTY. LTD, AU

[73] COOK MEDICAL TECHNOLOGIES LLC, US

[85] 2007-03-20

[86] 2005-09-21 (PCT/US2005/033676)

[87] (WO2006/034276)

[30] US (60/611,774) 2004-09-21

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[11] **2,580,944**  
[13] C

[51] **Int.Cl. B63C 9/20 (2006.01) B63C 9/08 (2006.01) B63C 9/11 (2006.01) F21L 4/00 (2006.01) F21V 23/04 (2006.01) H01H 29/16 (2006.01) H05B 37/02 (2006.01)**

[25] EN

[54] **WATER ACTIVATED SAFETY LIGHT AND FLOTATION DEVICE USING SAME**

[54] **ECLAIRAGE DE SECURITE COMMANDE PAR CONTACT AVEC L'EAU ET DISPOSITIF DE FLOTTAISON AINSI UTILISE**

[72] FORD, TIMOTHY D.F., CA

[72] GASCON, STEPHANE, CA

[73] THE FLEWELLING FORD FAMILY TRUST, CA

[86] (2580944)

[87] (2580944)

[22] 2007-03-06

[30] US (60/778,929) 2006-03-06

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[11] **2,581,312**  
[13] C

[51] **Int.Cl. C07C 231/02 (2006.01)**

[25] EN

[54] **METHOD FOR THE CONTINUOUS PRODUCTION OF ALKYL AMINO ACRYL AMIDES**

[54] **PROCEDE DE PRODUCTION CONTINUE D'ALKYLAMINOACRYLAMIDES**

[72] SCHLEEP, VOLKER, DE

[72] MERTZ, THOMAS, DE

[73] EVONIK ROEHM GMBH, DE

[85] 2007-03-16

[86] 2005-11-18 (PCT/EP2005/012362)

[87] (WO2006/056366)

[30] DE (10 2004 056 629.1) 2004-11-23

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[13] C

[51] **Int.Cl. C07H 15/20 (2006.01) A61K 31/7024 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR TREATING HYPERGLYCEMIC, HYPERLIPIDEMIC, OR HYPERINSULINEMIC DISORDERS**

[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE TROUBLES HYPERGLYCEMIQUES, HYPERLIPIDEMIQUES, OU HYPERINSULINEMIQUES**

[72] CHEN, XIAOZHUO, US

[72] HIMMELDIRK, KLAUS, US

[72] REN, YULIN, US

[73] OHIO UNIVERSITY, US

[85] 2007-03-23

[86] 2005-09-23 (PCT/US2005/034225)

[87] (WO2006/034468)

[30] US (60/612,354) 2004-09-23

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[11] **2,581,609**  
[13] C

[51] **Int.Cl. D21H 27/02 (2006.01) D21H 27/30 (2006.01)**

[25] EN

[54] **PATTERNED FIBROUS STRUCTURES**

[54] **STRUCTURES FIBREUSES A MOTIFS**

[72] KNOBLOCH, THORSTEN, US

[72] DE LA ROSA, LUIS BERNARDO, US

[72] WEAVER, GREGG THOMAS, US

[72] DOLAN, JENNIFER HOPE, US

[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2007-03-21

[86] 2005-03-23 (PCT/US2005/010011)

[87] (WO2006/036194)

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[13] C

[51] **Int.Cl. A61F 2/07 (2013.01) A61F 2/89 (2013.01) A61F 2/95 (2013.01)**  
[25] EN  
[54] **DEVICE FOR TREATING AORTIC DISSECTION**  
[54] **DISPOSITIF PERMETTANT DE TRAITER LES ANEURISMES DISSEQUANTS**  
[72] HARTLEY, DAVID ERNEST, AU  
[72] RASMUSSEN, ERIK E., DK  
[72] MCINTYRE, THOMAS C., AU  
[73] WILLIAM A. COOK AUSTRALIA PTY. LTD., AU  
[73] COOK MEDICAL TECHNOLOGIES LLC, US  
[85] 2007-03-27  
[86] 2005-09-28 (PCT/US2005/034965)  
[87] (WO2006/037086)  
[30] US (60/613,950) 2004-09-28

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[11] **2,582,561**  
[13] C

[51] **Int.Cl. A61F 2/44 (2006.01)**  
[25] EN  
[54] **PHYSIOLOGICAL INTERVERTEBRAL DISK ENDOPROSTHESIS FOR THE LUMBAR COLUMN AND CERVICAL VERTEBRAL COLUMN**  
[54] **PROTHESE DE DISQUE INTERVERTEBRAL PHYSIOLOGIQUE DESTINEE AUX LOMBAIRES ET AUX CERVICALES**  
[72] BUETTNER-JANZ, KARIN, DE  
[72] BUETTNER, EIKO, DE  
[73] BUETTNER-JANZ, KARIN, DE  
[85] 2007-03-29  
[86] 2005-10-18 (PCT/DE2005/001884)  
[87] (WO2006/042532)  
[30] DE (PCT/DE2004/002331) 2004-10-18

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[11] **2,582,562**  
[13] C

[51] **Int.Cl. F16H 15/38 (2006.01)**  
[25] EN  
[54] **CONTINUOUSLY VARIABLE TRANSMISSION**  
[54] **TRANSMISSION A CHANGEMENT DE VITESSES CONTINU**  
[72] SMITHSON, ROBERT A., US  
[72] POHL, BRAD P., US  
[72] ARMSTRONG, ORONDE J., US  
[72] MILLER, DONALD C., US  
[72] DAWE, DANIEL J., US  
[72] THOMASSY, FERNAND A., US  
[72] SIMISTER, MATTHEW P., US  
[72] POTH, WESLEY R., US  
[72] LOHR, CHARLES B., US  
[72] NICHOLS, JON M., US  
[73] FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC, US  
[85] 2007-03-28  
[86] 2005-10-03 (PCT/US2005/035164)  
[87] (WO2006/041718)  
[30] US (60/616,399) 2004-10-05

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[11] **2,582,941**  
[13] C

[51] **Int.Cl. E21B 27/02 (2006.01) E21B 33/138 (2006.01)**  
[25] EN  
[54] **AN INJECTION APPARATUS FOR INJECTING AN ACTIVATED FLUID INTO A WELL-BORE AND RELATED INJECTION METHOD**  
[54] **DISPOSITIF D'INJECTION POUR INJECTION D'UN FLUIDE ACTIVE DANS UN Puits DE FORAGE ET PROCEDE D'INJECTION ASSOCIE**  
[72] DACCORD, GERARD, FR  
[72] RAYSSIGUIER, CHRISTOPHE, FR  
[72] DARGAUD, BERNARD, FR  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2007-03-30  
[86] 2005-10-10 (PCT/EP2005/011000)  
[87] (WO2006/040147)  
[30] EP (04292412.6) 2004-10-12

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[13] C

[51] **Int.Cl. C08L 33/12 (2006.01) B29C 35/02 (2006.01) C08F 2/44 (2006.01) C08F 265/06 (2006.01) C08J 5/00 (2006.01) C08K 3/00 (2006.01)**  
[25] EN  
[54] **MOLDED PLASTIC BODY AND METHOD FOR PRODUCING THE SAME**  
[54] **CORPS EN PLASTIQUE MOULE ET PROCEDE DE PRODUCTION ASSOCIE**  
[72] REICHENBERGER, ROLAND, DE  
[72] PATERNOSTER, RUDOLF, DE  
[72] HOCK, KLAUS, DE  
[73] SCHOCK GMBH, DE  
[85] 2007-04-10  
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[30] DE (10 2004 055 365.3) 2004-11-04

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[13] C

[51] **Int.Cl. C07D 207/09 (2006.01) A61K 31/397 (2006.01) A61K 31/445 (2006.01) A61P 25/16 (2006.01) C07D 205/04 (2006.01) C07D 211/28 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 403/04 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 413/10 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01)**

[25] EN

[54] **HETEROCYCLIC COMPOUNDS SUITABLE FOR TREATING DISORDERS THAT RESPOND TO MODULATION OF THE DOPAMINE D3 RECEPTOR**

[54] **COMPOSES HETEROCYCLIQUES CONVENANT POUR TRAITER DES TROUBLES SENSIBLES A UNE MODULATION DU RECEPTEUR D3 DE LA DOPAMINE**

[72] DRESCHER, KARLA, DE  
[72] HAUPT, ANDREAS, DE  
[72] UNGER, LILIANE, DE  
[72] TURNER, SEAN C., DE  
[72] BRAJE, WILFRIED, DE  
[72] GRANDEL, ROLAND, DE  
[72] HENRY, CHRISTOPHE, DE  
[72] BACKFISCH, GISELA, DE  
[72] BEYERBACH, ARMIN, DE  
[72] LUBISCH, WILFRIED, DE  
[73] ABBOTT GMBH & CO. KG, DE  
[85] 2007-04-12  
[86] 2005-10-14 (PCT/EP2005/011106)  
[87] (WO2006/040182)  
[30] US (60/618,878) 2004-10-14

[11] **2,584,216**  
[13] C

[51] **Int.Cl. A47J 19/06 (2006.01) A23N 1/02 (2006.01) A47J 19/02 (2006.01)**

[25] EN

[54] **IMPROVED LIQUEFIER PRESSE-FRUILTS ET LEGUMES AMELIORE**

[72] ESTEVE MORENO, FELIPE MARIA, ES  
[73] ZUMEX MAQUINAS Y ELEMENTOS, S.A., ES  
[85] 2007-04-13  
[86] 2005-09-15 (PCT/ES2005/000499)  
[87] (WO2006/045864)  
[30] ES (U200402487) 2004-10-22

[11] **2,584,234**  
[13] C

[51] **Int.Cl. F16K 11/02 (2006.01) F16K 31/18 (2006.01) G05D 9/00 (2006.01)**

[25] EN

[54] **CONTINUOUS CHEMICAL FEEDER AND METHOD OF USE THEREOF**

[54] **DOSEUR DE REACTIF EN CONTINU ET PROCEDE D'UTILISATION**

[72] GUPTA, AMIT, US  
[72] GRATAN, DAVID A., US  
[73] NALCO COMPANY, US  
[85] 2007-04-13  
[86] 2005-10-21 (PCT/US2005/037768)  
[87] (WO2006/047224)  
[30] US (10/970,594) 2004-10-21

[11] **2,584,270**  
[13] C

[51] **Int.Cl. F23C 7/00 (2006.01) F23D 11/24 (2006.01) F23D 11/38 (2006.01) F23R 3/34 (2006.01)**

[25] EN

[54] **BURNER FOR GAS TURBINE BRULEUR POUR TURBINE A GAZ**

[72] FLOHR, PETER, CH  
[72] OOMENS, GIJSBERTUS, CH  
[72] PAIKERT, BETTINA, CH  
[72] STEINBACH, CHRISTIAN, CH  
[73] ALSTOM TECHNOLOGY LTD., CH  
[85] 2007-04-16  
[86] 2005-10-07 (PCT/EP2005/055098)  
[87] (WO2006/042796)  
[30] CH (1710/04) 2004-10-18

[11] **2,585,055**  
[13] C

[51] **Int.Cl. C11D 1/835 (2006.01) C11D 1/62 (2006.01) C11D 1/72 (2006.01) C11D 3/20 (2006.01) C11D 17/04 (2006.01)**

[25] EN

[54] **FABRIC TREATMENT COMPOSITION**

[54] **PREPARATION POUR TRAITEMENT DE TISSU**

[72] BURGESS, KARL, GB  
[72] HAGEMANN, UWE, GB  
[72] MOORE, BARBARA ANN, GB  
[73] UNILEVER PLC, GB  
[85] 2007-04-23  
[86] 2005-10-18 (PCT/EP2005/011254)  
[87] (WO2006/050798)  
[30] GB (0425181.5) 2004-11-15

[11] **2,586,495**  
[13] C

[51] **Int.Cl. D06C 15/02 (2006.01) D04H 1/732 (2012.01)**

[25] EN

[54] **ROLLER ARRANGEMENT FOR PRODUCING FLEECE**

[54] **SYSTEME DE ROULEAUX POUR LA PRODUCTION DE NON-TISSES**

[72] NORGAARD, RAYMOND, DE  
[73] CONCERT GMBH, DE  
[85] 2007-05-04  
[86] 2005-11-03 (PCT/EP2005/055735)  
[87] (WO2006/048437)  
[30] DE (10 2004 054 532.4) 2004-11-05  
[30] DE (10 2004 056 154.0) 2004-11-17

[11] **2,586,600**  
[13] C

[51] **Int.Cl. H01R 31/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CONNECTING A NETWORK DEVICE TO A DAISY CHAIN NETWORK**

[54] **PROCEDE ET APPAREIL DE CONNEXION D'UN DISPOSITIF DE RESEAU A UN RESEAU EN SERIE**

[72] ANDERSSON, JAN OLOF, US  
[72] KWONG, ROBERT CHRISTOPHER, CA  
[72] LOCKHART, KENNETH JOHN, CA  
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[54] **ANALOGUES DE NUCLEOSIDE DE CYTOSINE ET ISOFLAVONES ET LEURS UTILISATIONS**  
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[72] RAYNAL, NOEL, CA  
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[72] ORR, ALLAN, GB  
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[54] **APPARATUS AND METHODS TO PERFORM DOWNHOLE MEASUREMENTS ASSOCIATED WITH SUBTERRANEAN FORMATION EVALUATION**  
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[72] POP, JULIAN J., US  
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[54] **METHOD OF MAKING MULTILAYERED CONSTRUCTION FOR USE IN RESISTORS AND CAPACITORS**  
[54] **PROCEDE DE FABRICATION DE CONSTRUCTIONS MULTICOUCHES DESTINEES A FORMATION DE RESISTANCES ET DE CONDENSATEURS**  
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[54] **PILE A COMBUSTIBLE AMOVIBLE POUR VEHICULES**  
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[72] MOORE, JONATHAN MARK, GB  
[72] TALBOT, NICHOLAS CHARLES, GB  
[72] PEACE, BENJAMIN NORMAN, GB  
[72] PORTER, BROOK FOREST, US  
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[54] **METHOD FOR RECOGNIZING AN OBJECT IN AN IMAGE AND IMAGE RECOGNITION DEVICE**  
[54] **METHODE DE RECONNAISSANCE D'OBJET DANS UNE IMAGE ET DISPOSITIF DE RECONNAISSANCE D'IMAGE**  
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[72] BERGMANN, STEPHAN, DE  
[73] HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH, DE  
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[54] **FACTEUR INTRINSEQUE PORCIN ET SES UTILISATIONS DANS LES TESTS DIAGNOSTIQUES DE LA VITAMINE B12**  
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[54] **PROCEDE AMELIORE DE PREPARATION DE COMPOSITES A MATRICE METALLIQUE ET DISPOSITIF DE MISE EN OEUVRE D'UN TEL PROCEDE**  
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[54] **METHOD FOR PRODUCING PLANT FORMING NODULES WITH HIGH NITROGEN-FIXING ACTIVITY**  
[54] **METHODE DE PREPARATION D'UNE PLANTE NODULANTE AYANT UNE ACTIVITE ELEVEE DE FIXATION DE L'AZOTE**  
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[54] **NOVEL HIGHLY MICROPOROUS THERMOPLASTIC/BISMALEIMID E SEMI-INTERPENETRATING POLYMER NETWORK**  
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[54] **SYSTEME DE CONSTRUCTION UTILISANT DES COMPOSANTS PREFABRIQUES MODULAIRES EN BETON**  
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[54] **METHOD AND DEVICE FOR THE SEPARATION OF BIOLOGICAL PARTICLES CONTAINED IN A LIQUID BY MEANS OF VERTICAL FILTRATION**  
[54] **PROCEDE ET DISPOSITIF POUR SEPARER PAR FILTRATION VERTICALE DES PARTICULES BIOLOGIQUES CONTENUES DANS UN LIQUIDE**  
[72] PATERLINI-BRECHOT, PATRIZIA, FR  
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR  
[73] ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS, FR  
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[54] **A SYNERGISTICALLY HEAT STABLE OIL MEDIA HAVING EICOSA PENTAENOIC ACID (EPA) AND DO-COSA HEXAENOIC ACID (DHA)**  
[54] **MILIEU HUILEUX STABLE DE FACON SYNERGIQUE A LA CHALEUR COMPRENANT DE L'ACIDE EICOSAPENTANOIQUE (EPA) ET DE L'ACIDE DOCOSAHEXAENOIQUE (DHA)**  
[72] SEN, NIRMAL, IN  
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[72] MAGNANI, MAURIZIO, IT  
[72] FURLOTTI, GUIDO, IT  
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[72] GUGLIELMOTTI, ANGELO, IT  
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[72] HARSHMAN, SCOTT, US  
[72] WELLS, CHARLES, US  
[72] O'KEEFE, DANIEL, US  
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[54] **HYBRID ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE D'ACCES MULTIPLE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE**  
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[72] MORI, NAOKI, JP

[72] KOBAYASHI, SACHIO, JP

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[54] **SYSTEME DE TRAITEMENT DE PATE A PAPIER FAISANT INTERVENIR UN MECANISME DE POSITIONNEMENT DE JOINT**

[72] MATSSON, STEFAN, SE

[72] LUNDBERG, JOERGEN T., SE

[72] ANDERSSON, RICKARD, SE

[72] BYLANDER, JOHAN, SE

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[54] **MATERIAUX POUR DISPOSITIFS OPHTHALMIQUES ET OTO-RHINO-LARYNGOLOGIQUES**

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[54] **PROCEDE DE MARQUAGE OU DE TRAITEMENT D'UN ECHANTILLON BIOLOGIQUE CONTENANT DES MOLECULES BIOLOGIQUES D'INTERET, NOTAMMENT DES ACIDES NUCLEIQUES**

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[54] **SPIRAL GAS SEPARATOR**

[54] **SEPARATEUR DE GAZ EN SPIRALE**

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[72] PLESTID, TREVOR, CA

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[54] **MATERIAUX COMPOSITES COMPRENANT DES FIBRES POLYOLEFINES A MODULE ELEVE ET PROCEDE DE FABRICATION DE CEUX-CI**

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[54] **PROCEDE PERMETTANT DE PRODUIRE DES MICROCAPSULES A UNE OU A PLUSIEURS COUCHES**

[72] KVITNITSKY, EMMA, IL

[72] SHAPIRO, YURY, IL

[72] PRIVALOV, OLGA, IL

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[72] POLISHER, IGOR, IL

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[73] NEWPORT MEDIA, INC., US  
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[73] SINGLE BUOY MOORINGS INC., CH  
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[54] **PROCEDE D'INDUCTION DE RESISTANCE A DES CHAMPIGNONS NUISIBLES**  
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[72] STAMMLER, GERD, DE  
[73] BASF SE, DE  
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[54] **PROCEDES ET COMPOSITIONS AMELIORANT LA QUALITE DES SELLES**  
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[72] KATS, LAUREN JAY, US  
[73] HILL'S PET NUTRITION, INC., US  
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[54] **COMPRESSION DEVICE WITH S-SHAPED BLADDER**  
[54] **COMPRESSE AVEC VESSIE EN S**  
[72] BROWN, JENNIE, US  
[73] TYCO HEALTHCARE GROUP LP, US  
[86] (2626963)  
[87] (2626963)  
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[30] US (11/733,084) 2007-04-09

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[54] **OPTOELECTRIC ANGLE-MEASURING DEVICE**  
[54] **DISPOSITIF OPTOELECTRIQUE DE MESURE D'ANGLE**  
[72] AEBISCHER, BEAT, CH  
[72] LIPPUNER, HEINZ, CH  
[72] BRAUNECKER, BERNHARD, CH  
[73] LEICA GEOSYSTEMS AG, CH  
[85] 2008-04-30  
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[25] EN  
[54] **LANDMARK NAVIGATION FOR VEHICLES USING BLINKING OPTICAL BEACONS**  
[54] **NAVIGATION PAR POINTS DE REPERE POUR VEHICULES FAISANT APPEL A DES BALISES CLIGNOTANTES**  
[72] FARWELL, MARK LALON, US  
[73] EXELIS INC., US  
[86] (2628657)  
[87] (2628657)  
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[54] **STACKED PRODUCT ARRAY WITH ENHANCED VISIBILITY AND RECOGNITION**  
[54] **ENSEMBLE DE PRODUITS EMPILES A VISIBILITE ET RECONNAISSANCE AMELIOREES**  
[72] PICZON, RHINN PAUL LUCERO, PH  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2008-05-06  
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[54] **USER INTERFACE INDICATOR FOR MOBILE DEVICE BACKUP STATUS**  
[54] **INDICATEUR D'INTERFACE UTILISATEUR POUR ETAT DE SAUVEGARDE D'APPAREIL MOBILE**  
[72] STOCKLEIN, CARL J., US  
[72] OTHMER, KONSTANTIN, US  
[72] RUF, MICHAEL P., US  
[73] CORE MOBILITY, INC., US  
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[54] **APPAREIL ET SYSTEME A ONGLETS A FAIBLE ENCOMBREMENT**  
[72] BAILEY, LANCE D., US  
[72] BAILEY, RANDALL R., US  
[72] BECK, BRIAN M., US  
[72] HERDRICH, DAVID R., US  
[73] GP INDUSTRIES, LLC, US  
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[54] **FOUR BRANCHED DENDRIMER-PEG FOR CONJUGATION TO PROTEINS AND PEPTIDES**  
[54] **STRUCTURE POLYMERES SEMBLABLE A UN DENDRIMERE POUR L'OBTENTION DE CONJUGUES A INTERET PHARMACEUTIQUE**  
[72] RAMON HERNANDEZ, JOSE ANGEL, CU  
[72] CASTRO ODIO, FIDEL RAUL, CU  
[72] SAEZ MARTINEZ, VIVIAN MARIA, CU  
[72] PAEZ MEIRELES, ROLANDO, CU  
[72] FERNANDEZ SANCHEZ, EDUARDO, CU  
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[54] **METHODE DE FORMAGE D'UN DISPOSITIF D'AFFICHAGE DE PAPIER ELECTRONIQUE**  
[72] LIN, PINYEN, US  
[72] PAN, DAVID H., US  
[72] CHOPRA, NAVEEN, CA  
[72] KAZMAIER, PETER M., CA  
[73] XEROX CORPORATION, US  
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[54] **PROCEDE POUR ACTIVER LA PRETHROMBINE-1**  
[72] MALLET, ROBERT W., US  
[72] STENLAND, CHRISTOPHER J., US  
[72] BOONE, JONATHON C., US  
[72] FORSTROM, JOHN W., US  
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[73] ZYMOGENETICS, INC., US  
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[54] **VOICE/DATA ADAPTER KIT WITH USB CONNECTORS**  
[54] **TROUSSE D'ADAPTATEURS DE COUPLEUR TELEPHONIQUE ET/OU DE DONNEES, ET CONNECTEURS USB**  
[72] BYRNE, NORMAN R., US  
[73] BYRNE, NORMAN R., US  
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[54] **METHOD AND APPARATUS FOR CAPACITANCE MULTIPLICATION WITHIN A PHASE LOCKED LOOP**  
[54] **PROCEDE ET APPAREIL DE MULTIPLICATION DE CAPACITANCE AU SEIN D'UNE BOUCLE A VERROUILLAGE DE PHASE**  
[72] ROBINSON, MOISES E., US  
[72] HASSOUN, MARWAN M., US  
[72] SWARTZLANDER, EARL E., JR., US  
[73] XILINX, INC., US  
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[54] **APPARATUS AND METHOD FOR SYNTHESIZING THREE OUTPUT CHANNELS USING TWO INPUT CHANNELS**  
[54] **APPAREIL ET PROCEDE DESTINES A SYNTHETISER TROIS CANAUX DE SORTIE AU MOYEN DE DEUX CANAUX D'ENTREE**  
[72] HELLMUTH, OLIVER, DE  
[72] HERRE, JUERGEN, DE  
[72] POPP, HARALD, DE  
[72] WALTER, ANDREAS, DE  
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
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[54] **PREPARATIONS D'ENCRE CONDUCTRICES**  
[72] KRIHA, JAMES A., US  
[72] HOWELLS, SCOTT D., US  
[73] BEMIS COMPANY, INC., US  
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[54] **CONVEYING AND LOCK SYSTEM**  
[54] **SYSTEME DE TRANSPORT ET DE SAS**  
[72] NILL, EBERHARD, DE  
[72] SCHMILLEN, ANTON, DE  
[73] NILL-TECH GMBH, DE  
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[72] KROEMMER, YVAN, LU  
[72] CENSI, EMANUELE, LU  
[73] PAUL WURTH S.A., LU  
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[25] EN

[54] **POLYETHER-POLYLACTIC ACID COMPOSITION AND POLYLACTIC ACID-BASED FILM CONTAINING SAME**

[54] **COMPOSITION DE POLYETHER ET D'ACIDE POLYLACTIQUE ET PELLICULE A BASE D'ACIDE POLYLACTIQUE CONTENANT LADITE COMPOSITION**

[72] NAKAMURA, HIROKADO, JP  
[72] MATSUMOTO, TAISEI, JP  
[72] KIMURA, MASAHIRO, JP  
[73] TORAY INDUSTRIES, INC., JP  
[85] 2008-07-04  
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[54] **BLEEDER VALVE FOR PRESSURISED FURNACE**

[54] **ROBINET DE PURGE POUR FOUR SOUS PRESSION**

[72] LONARDI, EMILE, LU  
[72] HAUSEMER, LIONEL, LU  
[72] FRANZISKUS, LUTWIN, DE  
[73] PAUL WURTH S.A., LU  
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[54] **METHOD FOR TREATING BITUMEN FROTH WITH HIGH BITUMEN RECOVERY AND DUAL QUALITY BITUMEN PRODUCTION**

[54] **METHODE DE TRAITEMENT DE MOUSSE DE BITUME AVEC RECUPERATION A EFFICACITE ELEVEE DE BITUME ET PRODUCTION DE BITUME DE DOUBLE QUALITE**

[72] MORAN, KEVIN, CA  
[72] CYMERMAN, GEORGE, CA  
[72] TRAN, TOM, CA  
[73] SYNCRUDE CANADA LTD., CA  
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[54] **METHOD AND APPARATUS FOR TREATING A CELLULOSIC FEEDSTOCK**

[54] **METHODE ET APPAREIL PERMETTANT LE TRAITEMENT D'UNE CHARGE D'ALIMENTATION CELLULOSIQUE**

[72] BURKE, MURRAY J., CA  
[72] HILLIER, SUNALIE N., CA  
[73] MASCOMA CANADA INC., CA  
[86] (2638152)  
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[54] **PROTEGE-TETE ET PROTEGE- COU COMBINES**

[72] NEWMAN, JAMES, CA  
[73] NEWMAN, JAMES, CA  
[86] (2639076)  
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[54] **MECANISME DE DIRECTION POUR VEHICULE A POUSSER ET TIRER**

[72] LEE, ROCKY J., US  
[73] LEE, ROCKY J., US  
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[25] EN

[54] **PROVIDING A DYNAMIC USER INTERFACE FOR A DENSE THREE-DIMENSIONAL SCENE**

[54] **CREATION D'UNE INTERFACE UTILISATEUR DYNAMIQUE POUR UNE SCENE TRIDIMENSIONNELLE DENSE**

[72] BORCHARDT, JONATHAN M., US  
[72] WALTER, EDWARD L., US  
[73] FTI TECHNOLOGY LLC, US  
[85] 2008-07-23  
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[25] EN  
[54] **WEB-FED PRINTING PRESS**  
[54] **PRESSE A IMPRIMER A BOBINES**  
[72] NAGELE, RUDOLF, DE  
[72] SCHULMEISTER, PETER, DE  
[73] MANROLAND AG, DE  
[86] (2640256)  
[87] (2640256)  
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[25] EN  
[54] **USE OF THERAPEUTIC HUMAN ALBUMIN FOR THE PREPARATION OF A DRUG FOR THE TREATMENT OF PATIENTS SUFFERING FROM COGNITIVE DISORDERS**  
[54] **UTILISATION DE L'ALBUMINE HUMAINE THERAPEUTIQUE POUR LA PREPARATION D'UN MEDICAMENT POUR LE TRAITEMENT DE PATIENTS SOUFFRANT DE TROUBLES COGNITIFS**  
[72] GRIFOLS ROURA, VICTOR, ES  
[73] GRIFOLS, S.A., ES  
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[54] **RECEPTEUR OPTIQUE FIBER-TO-THE-HOME (FTTH) AVEC COMMANDE DE GAIN DISTRIBUEE**  
[72] RIGGSBY, ROBERT R., US  
[73] SCIENTIFIC-ATLANTA, LLC, US  
[85] 2008-08-14  
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[72] CHERRY, RONALD E., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
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[54] **BACTERIES DE L'ACIDE LACTIQUE CONFERANT A DES PRODUITS LAITIERS FERMENTES UNE MEILLEURE TEXTURE**  
[72] JANZEN, THOMAS, DK  
[72] JENSEN, NIELS BANG SIEMSEN, DK  
[73] CHR. HANSEN A/S, DK  
[85] 2008-08-19  
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[13] C

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[25] EN  
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[54] **LAME DE SCIE A PIERRE**  
[72] KULLMANN, JOERG H., DE  
[72] KWANKA, WERNER, DE  
[73] WIKUS SAEGENFABRIK WILHELM H. KULLMANN GMBH & CO. KG, DE  
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[25] EN  
[54] **VIDEO PROCESSING WITH SCALABILITY**  
[54] **TRAITEMENT VIDEO AVEC SCALABILITE**  
[72] CHEN, PEISONG, US  
[72] TIAN, TAO, US  
[72] SHI, FANG, US  
[72] RAVEENDRAN, VIJAYALAKSHMI R., US  
[73] QUALCOMM INCORPORATED, US  
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[30] US (60/787,310) 2006-03-29  
[30] US (60/789,320) 2006-04-04  
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[25] EN  
[54] **USE OF C-SRC INHIBITORS IN COMBINATION WITH A PYRIMIDYLAMINO BENZAMIDE COMPOUND FOR THE TREATMENT OF LEUKEMIA**  
[54] **UTILISATION D'INHIBITEURS DE C-SRC EN COMBINAISON AVEC UN COMPOSE PYRIMIDYLAMINO BENZAMIDE POUR TRAITER LA LEUCEMIE**  
[72] MANLEY, PAUL W., CH  
[73] NOVARTIS AG, CH  
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[25] EN  
[54] **SEPARATING COBS FROM GRAIN IN A CORN HARVESTER**  
[54] **SEPARATION DES RAFLES DE MAIS DES GRAINS DANS UNE RAMASSEUSE-EGRENEUSE**  
[72] REDEKOP, LEO, CA  
[72] MAYERLE, DEAN, CA  
[73] REDEKOP ENTERPRISES INC., CA  
[86] (2644959)  
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[54] **SYNTHÈSE D'ACYLAMINOALCENYLENE-AMIDES POUVANT ÊTRE EMPLOYÉS EN TANT QU'ANTAGONISTES DE LA SUBSTANCE P**  
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[72] PATTERSON, RYAN C., US  
[72] BRIGHT, JEFFREY D., US  
[72] HIBDON, DWIGHT, US  
[72] ZAWACKI, JOHN A., US  
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[25] EN  
[54] **HIGH VELOCITY STRING FOR WELL PUMP AND METHOD FOR PRODUCING WELL FLUID**  
[54] **TRAIN DE TIGES A GRANDE VITESSE POUR POMPE DE PUITES ET METHODE DE PRODUCTION DE FLUIDE EN SORTIE DE PUITES**  
[72] OLSON, DAVID L., US  
[72] PRATHER, JOSH T., US  
[72] DILLON, DAVID B., US  
[72] WATSON, RAY A., US  
[73] BAKER HUGHES INCORPORATED, US  
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[73] SCHLUMBERGER CANADA LIMITED, CA  
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[54] **SYSTEME DE NAVIGATION A HAUTE PERFORMANCE GENERALISEE**  
[72] COHEN, CLARK E., US  
[72] WHELAN, DAVID A., US  
[72] BRUMLEY, ROBERT W., US  
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[54] **EMBALLAGE POUR PRODUIT ALIMENTAIRE REAGISSANT A L'ENERGIE MICRO-ONDE**  
[72] COLE, LORIN R., US  
[72] KEEFE, DANIEL J., US  
[72] LAI, LAURENCE M. C., CA  
[72] LIU, BING, CA  
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US  
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[25] EN  
[54] **DYNAMIC DISTRIBUTED KEY SYSTEM AND METHOD FOR IDENTITY MANAGEMENT, AUTHENTICATION SERVERS, DATA SECURITY AND PREVENTING MAN-IN-THE-MIDDLE ATTACKS**  
[54] **SYSTEME A CLE DISTRIBUEE DYNAMIQUE ET PROCEDE DE GESTION D'IDENTITE, D'AUTHENTIFICATION DE SERVEURS, DE SECURITE DE DONNEES ET DE PREVENTION D'ATTAQUES DE L'HOMME DU MILIEU**  
[72] BOREN, STEPHEN LAURENCE, CA  
[72] BRISSON, ANDRE JACQUES, CA  
[73] BOREN, STEPHEN LAURENCE, CA  
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[25] EN  
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[54] **FORMULE DE SOURCE DE CHALEUR CARBONEE POUR ARTICLE NON COMBUSTIBLE DESTINE A ETRE FUME ET ARTICLE NON COMBUSTIBLE DESTINE A ETRE FUME**  
[72] TAKEUCHI, MANABU, JP  
[72] KATAYAMA, KAZUHIKO, JP  
[72] KOIDE, AKIHIRO, JP  
[72] KOBAYASHI, MASAOKI, JP  
[73] JAPAN TOBACCO, INC., JP  
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[54] **PROCEDE D'EVALUATION INTEGREE DE FORMATIONS TERRESTRES UTILISANT DES DONNEES DE LEVE ELECTROMAGNETIQUE A SOURCE CONTROLEE ET DE DONNEES SISMIQUES**  
[72] STRACK, KURT M., US  
[72] THOMSEN, LEON A., US  
[72] REUTER, HORST, DE  
[73] KJT ENTERPRISES, INC., US  
[85] 2008-10-15  
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[54] **LUBRICATING COMPOSITIONS CONTAINING ASHLESS CATALYTIC ANTIOXIDANT ADDITIVES**  
[54] **COMPOSITIONS LUBRIFIANTES CONTENANT DES ADDITIFS ANTIOXYDANTS CATALYTIQUES SANS CENDRES**  
[72] PATIL, ABHIMANYU O., US  
[72] HABEEB, JACOB JOSEPH, US  
[72] LANDIS, MICHAEL EUGENE, US  
[72] FRANCISCO, MANUEL A., US  
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[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
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[54] **NOVEL FORMULATIONS WHICH STABILIZE AND INHIBIT PRECIPITATION OF IMMUNOGENIC COMPOSITIONS**  
[54] **NOUVELLES FORMULATIONS STABILISANT ET INHIBANT LA PRECIPITATION DE COMPOSITIONS IMMUNOGENES**  
[72] KHANDKE, LAKSHMI, US  
[72] CHEN, YING, US  
[72] HAN, HANYOUNG, US  
[72] SEID, ROBERT CHANCEY JR., US  
[72] JIN, ZHAOWEI, US  
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[72] YANG, XUDONG, US  
[73] WYETH LLC, US  
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[25] EN  
[54] **METHOD AND APPARATUS FOR ADAPTIVELY CONTROLLING SIGNALS**  
[54] **PROCEDE ET DISPOSITIF DE COMMANDE ADAPTATIVE DE SIGNAUX**  
[72] MCCALLISTER, RONALD D., US  
[72] BROMBAUGH, ERIC M., US  
[73] CRESTCOM, INC., US  
[85] 2008-10-21  
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[54] **PIERIDINYL SUBSTITUTED PYRROLIDINONES AS INHIBITORS OF 11-BETA-HYDROXYSTEROID DEHYDROGENASE 1**  
[54] **INHIBITEURS DE 11-BETA-HYDROXYSTEROIDE DESHYDROGENASE 1**  
[72] YORK, JEREMY SCHULENBURG, US  
[72] WALLACE, OWEN BRENDAN, US  
[72] XU, YANPING, US  
[73] ELI LILLY AND COMPANY, US  
[85] 2008-10-28  
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[54] **METHOD FOR PURIFYING ALKYL AROMATIC COMPOUNDS**  
[54] **PROCEDE DE PURIFICATION DE COMPOSES ALKYLAROMATIQUES**  
[72] GONCALVES ALMEIDA, JOSE LUIS, ES  
[72] BERNA TEJERO, JOSE LUIS, ES  
[73] CEPESA QUIMICA, S.A., ES  
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[25] EN  
[54] **CATALYTIC TRANSALKYLATION OF DIALKYL BENZENES**  
[54] **TRANSALKYLATION CATALYTIQUE DE DIALKYL BENZENES**  
[72] GONCALVES ALMEIDA, JOSE LUIS, ES  
[72] BERNA TEJERO, JOSE LUIS, ES  
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[25] EN  
[54] **GENERATION OF VALID PROGRAM CLOCK REFERENCE TIME STAMPS FOR DUPLICATE TRANSPORT STREAM PACKETS**  
[54] **GENERATION D'HORODATAGES VALIDES D'HORLOGE DE REFERENCE DE PROGRAMME POUR PAQUETS DUPLIQUES DE FLUX DE TRANSPORT**  
[72] WOODWARD, WILLIAM D., US  
[73] SCIENTIFIC-ATLANTA, INC., US  
[85] 2008-11-07  
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[13] C

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[25] FR  
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[54] **DISPOSITIF DE SEPARATION ET/OU DE RENFORT POUR CHEMIN DE CABLES EN FILS**  
[72] QUERTELET, STEPHANE, FR  
[72] DECIRY, JAMES, FR  
[73] I.C.M. GROUP, FR  
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[13] C

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[25] EN  
[54] **SECRETED CAMPYLOBACTER FLAGELLA COREGULATED PROTEINS AS IMMUNOGENS**  
[54] **PROTEINES COREGULEES SECRETEES PAR CAMPYLOBACTER FLAGELLA EN TANT QU'IMMUNOGENES**  
[72] GUERRY-KOPECKO, PATRICIA, US  
[72] BAQAR, SHAHIDA, US  
[73] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY, US  
[85] 2008-11-12  
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[25] EN  
[54] **METHOD AND APPARATUS FOR INFLATING AND DEFLATING BALLOON CATHETERS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE GONFLER ET DE DEGONFLER DES CATHETERS A BALLONNET**  
[72] ABBOUD, MARWAN, CA  
[72] MAHROUCHE, RACHID, CA  
[72] MIHALIK, TERESA ANN, CA  
[72] HARMOUCHE, CHADI, CA  
[72] MONGER, ERIC, CA  
[73] MEDTRONIC CRYOCATH LP, CA  
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[54] **CONDITIONNEMENT POUR CONTENANTS MUNI DE DEUX ELEMENTS DE SUPPORT**  
[72] GESSLER, RICHARD J., US  
[73] DELKOR SYSTEMS, INC., US  
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[51] **Int.Cl. H05B 6/80 (2006.01)**  
[25] EN  
[54] **DISPOSABLE MICROWAVE FOOD SHIELD**  
[54] **DISPOSITIF JETABLE DE PROTECTION CONTRE LES ECLABOUSSURES POUR FOUR A MICRO-ONDES**  
[72] SHAW, PETER, US  
[72] HELLMANN, MICHAEL, US  
[73] SHAW, PETER, US  
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[85] 2008-11-19  
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[25] EN  
[54] **SYSTEMS AND METHODS FOR ANALYZING NANOREPORTERS**  
[54] **SYSTEME ET PROCEDES POUR ANALYSER DES NANOREPORTEURS**  
[72] HWANG, JENQ-NENG, US  
[72] MITTON, JEFFREY D., US  
[73] NANOSTRING TECHNOLOGIES, INC., US  
[85] 2008-11-21  
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[51] **Int.Cl. A61C 1/12 (2006.01)**  
[25] EN  
[54] **ANGLED HOSE CONNECTION FOR DENTAL HANDPIECE**  
[54] **TUYAU DE CONNEXION COUDE POUR APPAREIL DENTAIRE**  
[72] PAPANEK, THOMAS, US  
[72] NOVAK, GENE, US  
[72] HEIL, DON, US  
[72] BEANE, BRET, US  
[73] DENTSPLY INTERNATIONAL INC., US  
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[51] **Int.Cl. G05D 23/13 (2006.01) E03C 1/04 (2006.01) F16K 11/00 (2006.01) F16K 11/078 (2006.01) F16K 31/70 (2006.01) G05D 11/16 (2006.01)**  
[25] EN  
[54] **CONSTANT TEMPERATURE AND BALANCED PRESSURE VALVE CORE WITH SINGLE HANDLE**  
[54] **CORPS DE ROBINET A TEMPERATURE CONSTANTE ET PRESSION EQUILIBREE AVEC POIGNEE SIMPLE**  
[72] XIE, QINGJUN, CN  
[73] SUPREMA (ZHUHAI J/V) THERMOSTATIC SANITARYWARE CO., LTD, CN  
[86] (2654669)  
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[30] CN (200810220340.X) 2008-12-25  
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[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING A DATA SET REPRESENTING A TOOTH ARRANGEMENT**  
[54] **PROCEDE ET SYSTEME DE REPOSITIONNEMENT PROGRESSIF DES DENTS**  
[72] CHISHTI, MUHAMMAD, US  
[72] LERIOS, APOSTOLOS, US  
[72] FREY-BURGER, BRIAN, US  
[72] WIRTH, KELSEY, US  
[72] RIDGLEY, RICHARD, US  
[73] ALIGN TECHNOLOGY, INC., US  
[86] (2654854)  
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[13] C  
[51] **Int.Cl. H04N 7/26 (2006.01)**  
[25] EN  
[54] **VIDEO CODING WITH FINE GRANULARITY SCALABILITY USING CYCLE-ALIGNED FRAGMENTS**  
[54] **CODAGE VIDEO PRESENTANT UNE ECHELONNABILITE A GRANULARITE FINE (FGS) FAISANT INTERVENIR DES FRAGMENTS ALIGNES PAR CYCLE**  
[72] BAO, YILIANG, US  
[72] MALAYATH, NARENDRANATH, US  
[72] MANJUNATH, SHARATH, US  
[72] YE, YAN, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2009-01-08  
[86] 2007-07-12 (PCT/US2007/073354)  
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[30] US (60/866,999) 2006-11-22  
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[54] **ONE WAY GATE FOR ANIMALS**  
[54] **BARRIERE UNIDIRECTIONNELLE POUR ANIMAUX**  
[72] KLEINSASSER, JONATHAN, CA  
[73] CRYSTAL SPRING COLONY FARMS LTD., CA  
[86] (2657969)  
[87] (2657969)  
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[13] C

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[25] EN  
[54] **A DEVICE FOR CONTROLLING THE DELIVERY OF A COMBUSTIBLE GAS TO A BURNER APPARATUS**  
[54] **DISPOSITIF DESTINE A COMMANDER LA DISTRIBUTION D'UN GAZ COMBUSTIBLE DANS UN APPAREIL DE BRULEUR**  
[72] PAVIN, FEDERICO, IT  
[72] BENVENUTO, MICHELE, IT  
[73] SIT LA PRECISA S.P.A., IT  
[85] 2009-01-16  
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[13] C

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[25] EN  
[54] **HIGH DIMENSIONAL CORED WIRES CONTAINING OXYGEN REMOVERS AND A PROCESS FOR MAKING THE SAME**  
[54] **CABLES A AMES DE GRANDES DIMENSIONS CONTENANT DES ELIMINATEURS D'OXYGENE ET SON PROCESSUS DE FABRICATION**  
[72] NARAYAN, GODA SURYA, IN  
[73] HERAEUS ELECTRO-NITE INTERNATIONAL N.V., BE  
[73] NARAYAN, GODA SURYA, IN  
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[86] 2007-07-17 (PCT/EP2007/006323)  
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[30] IN (725/KOL/2006) 2006-07-20  
[30] IN (725/KOL/2006) 2007-03-23

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[13] C

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[25] EN  
[54] **METAL/THIOL BIOCIDES**  
[54] **BIOCIDES CONTENANT METAL/THIOL**  
[72] DOMENICO, PHILIP, US  
[73] WINTHROP-UNIVERSITY HOSPITAL, US  
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[54] **METALLIC STRIP AND METHODS AND STRUCTURES INCORPORATING THE SAME**  
[54] **BANDE METALLIQUE ET PROCEDES ET STRUCTURES INCORPORANT CELLE-CI**  
[72] STIKELEATHER, ALLAN, US  
[73] STIKELEATHER, ALLAN, US  
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[51] **Int.Cl. H02J 9/06 (2006.01) F21S 8/00 (2006.01) H05B 37/02 (2006.01)**  
[25] EN  
[54] **BACK-UP LIGHTING SYSTEM**  
[54] **SYSTEME D'ECLAIRAGE DE SECOURS**  
[72] BUTLER, DOYLE SCOTT, US  
[73] ABL IP HOLDING, LLC, US  
[86] (2659533)  
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[22] 2009-03-20  
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[13] C

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[25] EN  
[54] **WAVELENGTH-AGILE LASER TRANSMITTER USING OPTICAL PARAMETRIC OSCILLATOR**  
[54] **EMETTEUR LASER AGILE EN LONGUEUR D'ONDE FAISANT APPEL A UN OSCILLATEUR OPTIQUE PARAMETRIQUE**  
[72] RICHTER, DALE A., MX  
[73] EXELIS INC., US  
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[22] 2009-03-26  
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[13] C

[51] **Int.Cl. A42B 1/24 (2006.01) A42B 3/04 (2006.01)**  
[25] EN  
[54] **HARD HAT OUTER SHELL HAVING CLEAR ACRYLIC CONSTRUCTION AND INTERNAL ILLUMINATION**  
[54] **ENVELOPPE EXTERIEURE DE CASQUE DE SECURITE COMPRENANT UNE STRUCTURE EN ACRYLIQUE TRANSPARENT ET UN ECLAIRAGE INTERNE**  
[72] LOIZZO, LARRY J., US  
[73] W.W. GRAINGER, INC., US  
[85] 2009-02-06  
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[25] EN  
[54] **ANTIBODIES TO IL-17A**  
[54] **ANTICORPS DIRIGES CONTRE L'IL-17A**  
[72] PRESTA, LEONARD G., US  
[72] BOWMAN, EDWARD P., US  
[73] MERCK SHARP & DOHME CORP., US  
[85] 2009-02-10  
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[25] EN  
[54] **METHOD FOR PRODUCING METHANOL, DIMETHYL ETHER, DERIVED SYNTHETIC HYDROCARBONS AND THEIR PRODUCTS FROM CARBON DIOXIDE AND WATER (MOISTURE) OF THE AIR AS SOLE SOURCE MATERIAL**  
[54] **PROCEDE SERVANT A PRODUIRE DU METHANOL, DE L'ETHER DE DIMETHYLE, DES HYDROCARBURES SYNTHETIQUES DERIVES ET LEURS PRODUITS A PARTIR DU DIOXYDE DE CARBONE ET DE L'EAU (DE L'HUMIDITE) DE L'AIR EN TANT QUE SEULE MATIERE DE DEPART**  
[72] OLAH, GEORGE A., US  
[72] ANISZFELD, ROBERT, US  
[73] UNIVERSITY OF SOUTHERN CALIFORNIA, US  
[85] 2009-01-15  
[86] 2007-07-27 (PCT/US2007/074601)  
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[30] US (60/837,273) 2006-08-10  
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[25] EN  
[54] **FOOD PRODUCTS FORTIFIED WITH OMEGA-3 FATTY ACIDS AND PROCESSES FOR MAKING THE SAME**  
[54] **PRODUITS ALIMENTAIRES FORTIFIES AVEC DES ACIDES GRAS OMEGA-3 ET LEURS PROCEDES DE FABRICATION**  
[72] HOLDRIDGE, MARK, US  
[72] BELLO, ANTHONY, US  
[72] ENGLE, TERRY, US  
[73] KELLOGG COMPANY, US  
[85] 2009-02-13  
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[51] **Int.Cl. A61M 5/32 (2006.01) A61M 25/06 (2006.01)**  
[25] EN  
[54] **PROTECTOR COVER ASSEMBLY**  
[54] **ENSEMBLE COUVERCLE DE PROTECTION**  
[72] BAID, RISHI, IN  
[73] POLY MEDICURE LTD., IN  
[85] 2009-02-20  
[86] 2007-08-28 (PCT/IB2007/002472)  
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[51] **Int.Cl. G06F 17/27 (2006.01) G06F 15/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR IDENTIFYING LANGUAGE OF TEXT IN A HANDHELD ELECTRONIC DEVICE AND A HANDHELD ELECTRONIC DEVICE INCORPORATING THE SAME**  
[54] **PROCEDE D'IDENTIFICATION DU LANGAGE DE TEXTE DANS UN DISPOSITIF ELECTRONIQUE A TENUE MANUELLE ET DISPOSITIF ELECTRONIQUE A TENUE MANUELLE CORRESPONDANT**  
[72] FUX, VADIM, CA  
[72] KOLOMIETS, SERGEY, CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[85] 2009-02-24  
[86] 2006-09-01 (PCT/CA2006/001448)  
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[13] C

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[25] EN  
[54] **SYSTEM AND METHOD FOR COUNTING FOLLICULAR UNITS**  
[54] **SYSTEME ET PROCEDE DE COMPTAGE D'UNITES FOLLICULAIRES**  
[72] QURESHI, SHEHRZAD A., US  
[72] BODDULURI, MOHAN, US  
[73] RESTORATION ROBOTICS, INC., US  
[85] 2009-02-24  
[86] 2007-08-24 (PCT/US2007/076728)  
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[25] EN  
[54] **METHOD AND APPARATUS FOR SYSTEM INTEROPERABILITY IN WIRELESS COMMUNICATIONS**  
[54] **PROCEDE ET APPAREIL POUR UNE INTEROPERABILITE DE SYSTEMES DANS DES COMMUNICATIONS SANS FIL**  
[72] AHMAVAARA, KALLE I., US  
[73] QUALCOMM INCORPORATED, US  
[85] 2009-03-04  
[86] 2007-10-01 (PCT/US2007/080115)  
[87] (WO2008/042869)  
[30] US (60/848,216) 2006-09-29  
[30] US (11/863,944) 2007-09-28

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[13] C

[51] **Int.Cl. A47G 9/04 (2006.01) A47C 21/00 (2006.01)**  
[25] EN  
[54] **MATTRESS COVER WITH FIT ENHANCING COMPOSITE END PANELS**  
[54] **DRAP-HOUSSE DE MATELAS A PANS D'EXTREMITE COMPOSITES D'AMELIORATION D'AJUSTEMENT**  
[72] SEAGO, MICHAEL E., US  
[73] LOUISVILLE BEDDING COMPANY, INC., US  
[85] 2009-03-09  
[86] 2007-09-12 (PCT/US2007/019759)  
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[54] **CUTTING INSERT, TOOL HOLDER, AND RELATED METHOD**  
[54] **INSERT DE COUPE, ETUI A OUTIL ET PROCEDE CORRESPONDANT**  
[72] DUFOUR, JEAN-LUC, US  
[72] FANG, X. DANIEL, US  
[72] WILLS, DAVID J., US  
[72] FESTEAU, GILLES, FR  
[72] HARTMAN, THOMAS B., US  
[72] TDY INDUSTRIES, INC., US  
[85] 2009-03-17  
[86] 2007-12-07 (PCT/US2007/086717)  
[87] (WO2008/088621)  
[30] US (60/885,053) 2007-01-16  
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[25] FR  
[54] **STABLE HOMOGENEOUS EMULSIFIER-FREE SUSPENSION, PREPARATION METHOD AND USES IN FOOD COMPOSITIONS**  
[54] **SUSPENSION HOMOGENE STABLE DEPOURVUE D'EMULSIFIANT, SON PROCEDE DE PREPARATION ET SON UTILISATION DANS DES COMPOSITIONS ALIMENTAIRES**  
[72] DOAT, STEPHANE, FR  
[72] WEILL, RICARDO, AR  
[73] COMPAGNIE GERVAIS DANONE, FR  
[86] (2663949)  
[87] (2663949)  
[22] 1999-03-04  
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[25] EN  
[54] **APPARATUS AND METHOD FOR GENERATING AN AMBIENT SIGNAL FROM AN AUDIO SIGNAL, APPARATUS AND METHOD FOR DERIVING A MULTI-CHANNEL AUDIO SIGNAL FROM AN AUDIO SIGNAL AND COMPUTER PROGRAM**  
[54] **APPAREIL ET PROCEDE POUR GENERER UN SIGNAL AMBIANT A PARTIR D'UN SIGNAL AUDIO, APPAREIL ET PROCEDE POUR DERIVER UN SIGNAL AUDIO MULTICANAL D'UN SIGNAL AUDIO ET PROGRAMME INFORMATIQUE**  
[72] UHLE, CHRISTIAN, DE  
[72] HERRE, JUERGEN, DE  
[72] WALTHER, ANDREAS, DE  
[72] HELLMUTH, OLIVER, DE  
[72] JANSSEN, CHRISTIAAN, DE  
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG, DE  
[85] 2009-03-19  
[86] 2007-10-23 (PCT/EP2007/009197)  
[87] (WO2008/049587)  
[30] DE (10 2006 050 068.7) 2006-10-24

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[13] C

[51] **Int.Cl. H04W 56/00 (2009.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROCESSING PRIMARY AND SECONDARY SYNCHRONIZATION SIGNALS FOR WIRELESS COMMUNICATION**  
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE SIGNAUX DE SYNCHRONISATION PRIMAIRES ET SECONDAIRES POUR COMMUNICATION SANS FIL**  
[72] MALLADI, DURGA PRASAD, US  
[72] KIM, BYOUNG-HOON, US  
[72] LUO, TAO, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2009-03-31  
[86] 2007-10-01 (PCT/US2007/080120)  
[87] (WO2008/042874)  
[30] US (60/828,055) 2006-10-03

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[13] C

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 7/32 (2006.01) H04W 88/02 (2009.01) G06F 15/02 (2006.01)**  
[25] EN  
[54] **ELECTRONIC DEVICE AND METHOD FOR MANAGING STORAGE OF DATA**  
[54] **DISPOSITIF ELECTRONIQUE ET METHODE DE GESTION DU STOCKAGE DE DONNEES**  
[72] RUNSTEDLER, CHRISTOPHER, CA  
[72] WIKKERINK, EARL, CA  
[72] GROUX, BRIAN, CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[86] (2665601)  
[87] (2665601)  
[22] 2009-05-07  
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[13] C

[51] **Int.Cl. H04L 12/951 (2013.01) H04W 12/10 (2009.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ASSEMBLING NETWORK LAYER DATA UNITS**  
[54] **METHODE ET APPAREIL PERMETTANT L'ASSEMBLAGE D'UNITES DE DONNEES DE COUCHE RESEAU**  
[72] REDDY, RADHA RAMA LAKSHMI, GB  
[73] RESEARCH IN MOTION LIMITED, CA  
[86] (2665666)  
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[22] 2009-05-08  
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[25] EN

[54] **ENHANCED ANTIMICROBIAL ACTIVITY OF PLANT ESSENTIAL OILS**

[54] **ACTIVITE ANTIMICROBIENNE AMELIOREE D'HUILES ESSENTIELLES VEGETALES**

[72] VAN BEEK, RONALD R., US

[73] VAN BEEK, RONALD R., US

[86] (2665983)

[87] (2665983)

[22] 2009-05-13

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[13] C

[51] **Int.Cl. B23B 3/24 (2006.01) B23B 3/00 (2006.01)**

[25] EN

[54] **CUTTER FOR MACHINING COUNTERBORE IN ENGINE BLOCK**

[54] **FRAISE D'USINAGE DE CHAMBRAGE DE BLOC-MOTEUR**

[72] KAMPHUIS, DWAIN L., US

[73] K-LINE INDUSTRIES, INC., US

[86] (2667147)

[87] (2667147)

[22] 2009-05-28

[30] US (61/056,558) 2008-05-28

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[13] C

[51] **Int.Cl. B65D 5/28 (2006.01) B31B 11/00 (2006.01) B65D 5/42 (2006.01)**

[25] EN

[54] **MATERIALS FOR AND METHOD FOR MANUFACTURING CONTAINER AND RESULTING CONTAINER**

[54] **MATERIAUX ET PROCEDE DE FABRICATION DE CONTENANTS ET DE CONTENEURS, ET ARTICLES RESULTANTS**

[72] LITTLE, TROY, US

[73] YORK CONTAINER COMPANY, US

[86] (2667162)

[87] (2667162)

[22] 2009-05-28

[30] US (12/134,695) 2008-06-06

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[13] C

[51] **Int.Cl. C10J 3/66 (2006.01) C10J 3/74 (2006.01) C10B 49/06 (2006.01) C10B 53/02 (2006.01)**

[25] EN

[54] **METHOD FOR GASIFYING SOLID FUEL AND CO-CURRENT GASIFIER**

[54] **PROCEDE POUR GAZEIFIER UN COMBUSTIBLE SOLIDE ET GAZEIFICATEUR A CO-COURANT**

[72] KANGASOJA, EERO, FI

[73] GASEK OY, FI

[85] 2009-04-22

[86] 2008-05-23 (PCT/FI2008/050300)

[87] (WO2008/145814)

[30] FI (20075374) 2007-05-25

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[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/023 (2006.01) G06F 15/02 (2006.01) G06F 17/27 (2006.01)**

[25] EN

[54] **MAPPING A TOUCHTONE TELEPHONE KEYPAD ON A HANDHELD DEVICE**

[54] **MAPPAGE D'UN CLAVIER DE TELEPHONE TACTILE SUR UN DISPOSITIF PORTATIF**

[72] SCOTT, SHERRYL LEE LORRAINE, CA

[73] RESEARCH IN MOTION LIMITED, CA

[85] 2009-05-06

[86] 2007-11-09 (PCT/CA2007/002017)

[87] (WO2008/055355)

[30] EP (06123893.7) 2006-11-10

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[51] **Int.Cl. A61F 13/49 (2006.01) A61F 13/496 (2006.01) A61F 13/514 (2006.01)**

[25] EN

[54] **ABSORPTIVE ARTICLE**

[54] **ARTICLE ABSORBANT**

[72] WAKASUGI, KEI, JP

[72] MUKAI, HIROTOMO, JP

[72] TSUJI, TOMOKO, JP

[72] SASAYAMA, KENICHI, JP

[72] HASHIMOTO, TATSUYA, JP

[73] UNI-CHARM CORPORATION, JP

[85] 2009-05-15

[86] 2007-11-26 (PCT/JP2007/072782)

[87] (WO2008/066006)

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[13] C

[51] **Int.Cl. H05K 9/00 (2006.01) H01F 27/36 (2006.01)**

[25] EN

[54] **ARRANGEMENT FOR REDUCING THE FIELD STRENGTH ON AN ELECTRODE**

[54] **DISPOSITIF POUR REDUIRE L'INTENSITE DE CHAMP SUR UNE ELECTRODE**

[72] HOPPE, JENS, DE

[72] JAHNEL, DIETMAR, DE

[72] MUELLER, KLAUS, DE

[72] SCHLAGER, JOHANN, DE

[73] SIEMENS AKTIENGESELLSCHAFT, DE

[85] 2009-06-04

[86] 2006-12-06 (PCT/DE2006/002205)

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[13] C

[51] **Int.Cl. G06F 21/00 (2013.01) H04W 12/00 (2009.01) H04W 12/08 (2009.01) G06F 12/02 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD TO FORCE A MOBILE DEVICE INTO A SECURE STATE**

[54] **SYSTEME ET METHODE PLACANT UN DISPOSITIF MOBILE DANS UN ETAT DE SECURITE**

[72] LITTLE, HERBERT A., CA

[72] ADAMS, NEIL PATRICK, CA

[72] BROWN, MICHAEL K., CA

[72] BROWN, MICHAEL S., CA

[73] RESEARCH IN MOTION LIMITED, CA

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[25] EN  
[54] **METHODS AND APPARATUS FOR STITCHING DIGITAL IMAGES**  
[54] **PROCEDES ET APPAREIL POUR ASSEMBLER DES IMAGES NUMERIQUES**  
[72] WARD, GREGORY JOHN, US  
[73] DOLBY LABORATORIES LICENSING CORPORATION, US  
[85] 2009-06-09  
[86] 2006-12-13 (PCT/CA2006/002028)  
[87] (WO2008/070949)

[11] **2,673,323**  
[13] C

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[25] EN  
[54] **USE OF THIOL-CONTAINING POLYSACCHARIDES AS IMPLANTS FOR TISSUE AUGMENTATION**  
[54] **UTILISATION DE POLYSACCHARIDES CONTENANT UNE FONCTION THIOL COMME IMPLANTS POUR L'AUGMENTATION DE TISSUS**  
[72] HORNOF, MARGIT, AT  
[73] CROMA-PHARMA GESELLSCHAFT M.B.H., AT  
[85] 2009-06-19  
[86] 2007-12-21 (PCT/AT2007/000585)  
[87] (WO2008/077172)  
[30] AT (A 2136/2006) 2006-12-22  
[30] US (60/871,534) 2006-12-22

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[13] C

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[25] EN  
[54] **COMBINATIONS COMPRISING DIPEPTIDYLPEPTIDASE-IV INHIBITORS AND ANTIDIABETIC AGENTS**  
[54] **COMBINAISONS COMPRENANT DES INHIBITEURS DE LA DIPEPTIDYLPEPTIDASE- IV ET DES AGENTS ANTIDIABETIQUES**  
[72] BALKAN, BORK, US  
[72] HUGHES, THOMAS EDWARD, US  
[72] HOLMES, DAVID GRENVILLE, US  
[72] VILLHAUER, EDWIN BERNARD, US  
[73] NOVARTIS AG, CH  
[86] (2673615)  
[87] (2673615)  
[22] 2001-01-19  
[62] 2,397,554  
[30] US (09/489,234) 2000-01-21  
[30] US (09/619,262) 2000-07-19

[11] **2,673,698**  
[13] C

- [51] **Int.Cl. G03B 15/05 (2006.01) H04W 88/02 (2009.01) H04N 5/30 (2006.01)**  
[25] EN  
[54] **ELECTRONIC DEVICE HAVING A CAMERA AND METHOD OF CONTROLLING A FLASH**  
[54] **DISPOSITIF ELECTRONIQUE AVEC CAMERA ET METHODE DE COMMANDE DE FLASH**  
[72] DRADER, MARC, CA  
[72] PURDY, MICHAEL, CA  
[72] ROBINSON, JAMES ALEXANDER, CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[86] (2673698)  
[87] (2673698)  
[22] 2009-07-23  
[30] EP (08161160.0) 2008-07-25

[11] **2,674,878**  
[13] C

- [51] **Int.Cl. G02B 27/01 (2006.01)**  
[25] EN  
[54] **ELECTRICALLY DIMMABLE COMBINER OPTICS FOR HEAD-UP DISPLAY**  
[54] **ELEMENT OPTIQUE DE COMBINEUR REGLABLE ELECTRIQUEMENT EN INTENSITE, POUR AFFICHAGE A TETE HAUTE**  
[72] KELLY, BRIAN, US  
[72] ROMIG, EMMA, US  
[73] THE BOEING COMPANY, US  
[85] 2009-07-07  
[86] 2008-02-12 (PCT/US2008/053752)  
[87] (WO2008/109231)  
[30] US (11/682,255) 2007-03-05

[11] **2,675,076**  
[13] C

- [51] **Int.Cl. B65D 30/24 (2006.01) B65D 33/01 (2006.01)**  
[25] EN  
[54] **EVACUABLE CONTAINER AND EVACUATION STRIP THEREFOR**  
[54] **CONTENANT POUVANT ETRE EVACUE ET BANDE D'EVACUATION CONNEXE**  
[72] TURVEY, ROBERT R., US  
[73] S. C. JOHNSON HOME STORAGE, INC., US  
[86] (2675076)  
[87] (2675076)  
[22] 2009-08-10  
[30] US (12/190,445) 2008-08-12

[11] **2,676,384**  
[13] C

- [51] **Int.Cl. G02B 6/42 (2006.01) G02B 6/36 (2006.01)**  
[25] EN  
[54] **OPTICAL CONNECTOR**  
[54] **CONNECTEUR OPTIQUE**  
[72] KOREEDA, YUICHI, JP  
[72] KOUTA, HIKARU, JP  
[72] NAKANO, KAICHIRO, JP  
[72] TAKAHASHI, HISAYA, JP  
[72] OHTSUKA, TAKASHI, JP  
[72] ONO, HIDEYUKI, JP  
[73] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP  
[85] 2009-07-23  
[86] 2008-01-25 (PCT/JP2008/051092)  
[87] (WO2008/090981)  
[30] JP (2007-016249) 2007-01-26

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[11] **2,676,390**  
[13] C

[51] **Int.Cl. C01G 45/00 (2006.01) H01M 4/505 (2010.01) H01M 4/525 (2010.01) C01G 51/00 (2006.01) C01G 53/00 (2006.01)**

[25] EN

[54] **ISLAND-COVERED LITHIUM COBALTITE OXIDES**

[54] **OXYDES DE COBALTITE DE LITHIUM RECOUVERTS D'ÎLOTS**

[72] LAU, THOMAS, CA  
[72] PAULSEN, JENS MARTIN, CA  
[73] UMICORE, BE  
[85] 2009-07-23  
[86] 2008-01-17 (PCT/EP2008/000313)  
[87] (WO2008/092568)  
[30] US (60/897,823) 2007-01-29  
[30] EP (07012789.9) 2007-06-29  
[30] US (60/929,613) 2007-07-05

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[11] **2,676,454**  
[13] C

[51] **Int.Cl. A61M 1/06 (2006.01) A01J 5/06 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR ELICITING MILK FROM MAMMALS**

[54] **SYSTEME ET PROCEDE PERMETTANT D'ELICITER DU LAIT DE MAMMIFERES**

[72] FARKA, ELONA, GR  
[72] PAPPAS, ANDREA, GR  
[72] PAPAGEORGIOU, GEORGIOS, GR  
[73] FARKA, ELONA, GR  
[73] PAPPAS, ANDREA, GR  
[73] PAPAGEORGIOU, GEORGIOS, GR  
[85] 2009-07-20  
[86] 2008-01-17 (PCT/GR2008/000003)  
[87] (WO2008/090386)  
[30] GR (20070100041) 2007-01-23

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[11] **2,676,772**  
[13] C

[51] **Int.Cl. H02J 9/00 (2006.01) H04R 3/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CONSERVING BATTERY POWER**

[54] **PROCEDE ET APPAREIL DE CONSERVATION D'ALIMENTATION PAR BATTERIE**

[72] YAMKOVVOY, PAUL G., US  
[72] GAUGER, DANIEL M., JR., US  
[73] BOSE CORPORATION, US  
[85] 2009-07-27  
[86] 2008-02-12 (PCT/US2008/053698)  
[87] (WO2008/100919)  
[30] US (11/673,953) 2007-02-12

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[11] **2,676,890**  
[13] C

[51] **Int.Cl. B41F 17/00 (2006.01) B41J 2/01 (2006.01) G03F 7/00 (2006.01) G06K 1/12 (2006.01) G06K 19/06 (2006.01)**

[25] EN

[54] **MACHINE READABLE CODE COMPRISING ULTRA-VIOLET CURABLE GELLANT INKS**

[54] **METHODE DE CODAGE D'ENCREES ULTRAVIOLETTES GELIFIEES DURCISSABLES, POUR LES RENDRE LISIBLES A LA MACHINE**

[72] CHRETIEN, MICHELLE, CA  
[72] BELELIE, JENNIFER L., CA  
[72] KEOSHKERIAN, BARKEV, CA  
[72] IFTIME, GABRIEL, CA  
[73] XEROX CORPORATION, US  
[86] (2676890)  
[87] (2676890)  
[22] 2009-08-27  
[30] US (12/204,462) 2008-09-04

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[13] C

[51] **Int.Cl. B67D 7/76 (2010.01) B01D 61/36 (2006.01) B01D 63/00 (2006.01) B01D 71/02 (2006.01) C10L 1/02 (2006.01)**

[25] EN

[54] **METHOD FOR TRANSPORTING FLUID**

[54] **PROCEDE DE TRANSPORT DE FLUIDE**

[72] YUKUMOTO, ATSUHIRO, JP  
[72] OSORA, HIROYUKI, JP  
[72] SEIKI, YOSHIO, JP  
[72] OGUCHI, AKIRA, JP  
[72] KASHIMA, SHUICHI, JP  
[72] HIRAYAMA, HARUAKI, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 2009-07-27  
[86] 2008-03-14 (PCT/JP2008/054791)  
[87] (WO2008/111673)  
[30] JP (2007-066286) 2007-03-15

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[13] C

[51] **Int.Cl. H04W 16/00 (2009.01)**

[25] EN

[54] **MOBILE STATION, RADIO ACCESS NETWORK APPARATUS, AND MOBILE COMMUNICATIONS SYSTEM**

[54] **STATION MOBILE, DISPOSITIF DE RESEAU A ACCES RADIO, ET SYSTEME DE COMMUNICATION MOBILE**

[72] ISHII, MINAMI, JP  
[72] UMESH, ANIL, JP  
[72] ABETA, SADAYUKI, JP  
[73] NTT DOCOMO, INC., JP  
[85] 2009-07-29  
[86] 2008-02-06 (PCT/JP2008/051959)  
[87] (WO2008/096789)  
[30] JP (2007-028627) 2007-02-07  
[30] JP (2007-167008) 2007-06-25

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[51] **Int.Cl. C09D 11/00 (2006.01)**  
[25] EN  
[54] **INK-JET INK FORMULATIONS  
CONTAINING IMIDAZOLE**  
[54] **PREPARATIONS D'ENCRE POUR  
IMPRIMANTE A JET D'ENCRE  
CONTENANT DE L'IMIDAZOLE**  
[72] MCGORRIN, MARLENE, US  
[73] HEWLETT-PACKARD  
DEVELOPMENT COMPANY, L.P.,  
US  
[85] 2009-07-30  
[86] 2008-01-30 (PCT/US2008/052413)  
[87] (WO2008/094975)  
[30] US (11/669,889) 2007-01-31

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[51] **Int.Cl. A61H 3/00 (2006.01) A61G  
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A63B 21/055 (2006.01) A63B 23/04  
(2006.01) A63B 69/00 (2006.01) A63B  
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[25] EN  
[54] **TRAINING APPARATUS FOR THE  
DISABLED**  
[54] **APPAREIL D'ENTRAINEMENT  
POUR HANDICAPES**  
[72] OLSEN, ANUND, NO  
[73] INNOWALK AS, NO  
[85] 2009-08-17  
[86] 2008-02-19 (PCT/NO2008/000064)  
[87] (WO2008/103052)  
[30] NO (20070872) 2007-02-19

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[51] **Int.Cl. A61K 8/92 (2006.01) A61K  
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A61K 8/96 (2006.01) A61Q 15/00  
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[25] EN  
[54] **OIL-IN-WATER DEODORANT  
COMPOSITIONS**  
[54] **COMPOSITIONS DE  
DESODORISANT A BASE  
D'HUILE DANS L'EAU**  
[72] MODAFARI, BARBARA MARIE, US  
[72] SWAILE, DAVID FREDERICK, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2009-08-28  
[86] 2008-03-14 (PCT/IB2008/050975)  
[87] (WO2008/114189)  
[30] US (60/918,496) 2007-03-16

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[51] **Int.Cl. C08F 126/10 (2006.01) C08F  
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[25] EN  
[54] **NOVEL PDMS-PVP BLOCK  
COPOLYMERS**  
[54] **NOUVEAUX COPOLYMERES  
SEQUENCES PDMS-PVP**  
[72] PARAKKA, JAMES P., US  
[72] MCCREA, KEITH R., US  
[72] WARD, ROBERT S., US  
[73] THE POLYMER TECHNOLOGY  
GROUP INCORPORATED, US  
[85] 2009-09-15  
[86] 2008-03-13 (PCT/US2008/056825)  
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[30] US (60/895,042) 2007-03-15

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7/18 (2006.01) E04G 25/04 (2006.01)  
F16M 11/22 (2006.01)**  
[25] EN  
[54] **STACKABLE PEDESTAL FOR  
SUPPORTING DECKING  
ELEMENTS**  
[54] **SUPPORT EMPILABLE POUR  
PORTER DES ELEMENTS DE  
PLANCHER**  
[72] REPASKY, JOHN, US  
[73] REPASKY, JOHN, US  
[85] 2009-09-25  
[86] 2007-11-09 (PCT/US2007/023653)  
[87] (WO2008/063438)  
[30] US (11/559,055) 2006-11-13

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[13] C

[51] **Int.Cl. A23L 1/39 (2006.01) A23L  
1/212 (2006.01)**  
[25] EN  
[54] **POURABLE FOOD COMPOSITION  
WITH HIGH NATURAL FIBER  
CONTENT AND METHODS OF  
PRODUCTION**  
[54] **COMPOSITION ALIMENTAIRE A  
SERVIR AVEC CONTENU DE  
FIBRES NATURELLES, ET  
METHODES DE PREPARATION**  
[72] MOCA, JUDITH GUELTEN, US  
[72] SILVER, RICHARD STUART, US  
[72] SCHWIMMER, WILLIAM HAROLD,  
US  
[72] SHAH, MANOJ, US  
[72] SASS, ALLEN PHILLIP, US  
[72] LI, HONG LAURA, US  
[72] MCPHERSON, ANDREW E., US  
[72] NICHOLS, ADRIENNE L., US  
[73] KRAFT FOODS GROUP BRANDS  
LLC, US  
[86] (2683656)  
[87] (2683656)  
[22] 2009-10-28  
[30] US (12/266,686) 2008-11-07

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[11] **2,684,243**  
[13] C

[51] **Int.Cl. H04W 16/18 (2009.01) H04W  
4/22 (2009.01) H04W 24/02 (2009.01)  
H04W 64/00 (2009.01)**  
[25] EN  
[54] **SPARSE U-TDOA WIRELESS  
LOCATION NETWORKS**  
[54] **RESEAUX DE LOCALISATION  
SANS FIL EPARS A PARTIR  
D'UNE DIFFERENCE DE TEMPS  
D'ARRIVEE EN LIAISON  
MONTANTE**  
[72] MIA, RASHIDUS S., US  
[72] LEFEVER, RONALD, US  
[72] ANDERSON, ROBERT J., US  
[73] TRUEPOSITION, INC., US  
[85] 2009-10-15  
[86] 2008-04-16 (PCT/US2008/060507)  
[87] (WO2008/131020)  
[30] US (11/736,868) 2007-04-18

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[13] C

[51] **Int.Cl. H04W 16/18 (2009.01) H04W 24/02 (2009.01) H04W 64/00 (2009.01)**

[25] EN

[54] **SPARSED U-TDOA WIRELESS LOCATION NETWORKS**

[54] **RESEAUX DE LOCALISATION SANS FIL EPARS A PARTIR D'UNE DIFFERENCE DE TEMPS D'ARRIVEE EN LIAISON MONTANTE**

[72] MIA, RASHIDUS S., US

[72] ANDERSON, ROBERT J., US

[73] TRUEPOSITION, INC., US

[85] 2009-10-15

[86] 2008-04-16 (PCT/US2008/060528)

[87] (WO2008/131036)

[30] US (11/736,902) 2007-04-18

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[11] **2,685,077**  
[13] C

[51] **Int.Cl. G08B 7/06 (2006.01) H02J 9/06 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR PROVIDING POWER TO A NOTIFICATION APPLIANCE CIRCUIT**

[54] **PROCEDES ET APPAREIL POUR FOURNIR DE LA PUISSANCE A UN CIRCUIT DE SYSTEME DE NOTIFICATION**

[72] LONTKA, KAREN D., US

[73] SIEMENS INDUSTRY, INC., US

[85] 2009-10-23

[86] 2008-04-23 (PCT/US2008/005236)

[87] (WO2008/133909)

[30] US (60/914,151) 2007-04-26

[30] US (60/914,457) 2007-04-27

[30] US (12/148,288) 2008-04-17

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[11] **2,685,691**  
[13] C

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/04 (2006.01)**

[25] EN

[54] **INSERTION TOOL FOR KNOTLESS SUTURE ANCHOR FOR SOFT TISSUE REPAIR AND METHOD OF USE**

[54] **INSTRUMENT D'INSERTION POUR DISPOSITIF D'ANCRAGE DE SUTURE SANS NOEUDS DESTINE A LA REPARATION DES TISSUS, ET METHODE D'UTILISATION**

[72] VAN DER BURG, ERIK, US

[72] COHEN, NATHANIEL, US

[72] FEEZOR, CHRISTOPHER, US

[72] CHENG, CHRISTOPHER T., US

[73] HOWMEDICA OSTEONICS CORP., US

[86] (2685691)

[87] (2685691)

[22] 2009-11-10

[30] US (12/269,256) 2008-11-12

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[11] **2,686,427**  
[13] C

[51] **Int.Cl. G01N 33/543 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **METHOD FOR THE DETECTION OF SPECIFIC IMMUNOGLOBULIN CLASS G ANTIBODIES**

[54] **PROCEDE DE DETECTION D'ANTICORPS SPECIFIQUES DE LA CLASSE DES IMMUNOGLOBULINES G**

[72] BRONOLD, MARTINA, DE

[72] MARKERT-HAHN, CHRISTINE, DE

[72] DONIE, FREDERIC, DE

[72] BOLLHAGEN, RALF, DE

[72] UPMEIER, BARBARA, DE

[73] F. HOFFMANN-LA ROCHE AG, CH

[85] 2009-11-04

[86] 2008-05-06 (PCT/EP2008/003623)

[87] (WO2008/135274)

[30] EP (07009240.8) 2007-05-08

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[13] C

[51] **Int.Cl. C10B 43/10 (2006.01) C10G 9/16 (2006.01)**

[25] EN

[54] **ETHYLENE FURNACE RADIANT COIL DECOKING METHOD**

[54] **PROCEDE DE DECOKAGE DE SERPENTIN RADIANT DE FOUR DE PRODUCTION D'ETHYLENE**

[72] DE HAAN, STEPHEN, US

[72] STANCATO, BARBARA, US

[72] SULLIVAN, BRIAN KEITH, US

[72] NAGY, CHARLES EMERY, US

[72] MCCARTHY, FRANK, US

[73] LUMMUS TECHNOLOGY INC., US

[85] 2009-11-03

[86] 2008-05-07 (PCT/US2008/062906)

[87] (WO2008/137932)

[30] US (60/928,093) 2007-05-07

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[11] **2,687,049**  
[13] C

[51] **Int.Cl. H04L 29/06 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR PROVIDING PMIP KEY HIERARCHY IN WIRELESS COMMUNICATION NETWORKS**

[54] **PROCEDES ET APPAREIL DESTINES A FOURNIR UNE HIERARCHIE DE CLES PMIP DANS DES RESEAUX DE COMMUNICATION SANS FIL**

[72] NARAYANAN, VIDYA, US

[72] HSU, RAYMOND TAH-SHENG, US

[72] DONDETI, LAKSHMINATH REDDY, US

[72] WANG, JUN, US

[72] ULUPINAR, FATI, US

[73] QUALCOMM INCORPORATED, US

[85] 2009-11-09

[86] 2008-06-02 (PCT/US2008/065562)

[87] (WO2009/038831)

[30] US (60/941,256) 2007-05-31

[30] US (12/131,039) 2008-05-31



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[13] C

[51] **Int.Cl. F16S 1/02 (2006.01) B44B 1/02 (2006.01) E04B 1/32 (2006.01) E04B 7/08 (2006.01) E04C 2/30 (2006.01) F24J 2/46 (2006.01) G02B 5/08 (2006.01)**

[25] EN

[54] **STRIPWISE CONSTRUCTION OF 3D CURVED SURFACES**

[54] **CONSTRUCTION EN FORME DE BANDE DE SURFACES COURBES TRIDIMENSIONNELLES**

[72] WHITEHEAD, LORNE A., CA

[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA

[85] 2009-11-02

[86] 2008-06-16 (PCT/CA2008/001145)

[87] (WO2009/000071)

[30] US (60/945,653) 2007-06-22

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[11] **2,688,112**  
[13] C

[51] **Int.Cl. C09K 21/14 (2006.01) A41D 13/00 (2006.01) A62B 17/00 (2006.01) C08J 9/228 (2006.01)**

[25] EN

[54] **FLAME RESISTANT AND HEAT PROTECTIVE FLEXIBLE MATERIAL WITH INTUMESCING GUARD PLATES AND METHOD OF MAKING THE SAME**

[54] **MATERIAU FLEXIBLE IGNIFUGE ET DE PROTECTION CONTRE LA CHALEUR AYANT DES PLAQUES DE PROTECTION INTUMESCENTES ET PROCEDE DE FABRICATION DE CELUI-CI**

[72] JONES, BRAD, US

[72] JI, HONG, US

[72] KIM, YOUNG HWA, US

[72] KIM, YOUNG KWON, US

[72] PARK, SOON C., US

[72] RICHARDSON, CLIFTON F., US

[72] KIM, STEVEN, US

[73] HIGHER DIMENSION MATERIALS, INC., US

[85] 2009-11-18

[86] 2008-05-16 (PCT/US2008/063922)

[87] (WO2009/025892)

[30] US (60/938,747) 2007-05-18

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[13] C

[51] **Int.Cl. A61B 17/17 (2006.01)**

[25] EN

[54] **ADJUSTABLE PIN DRILL GUIDE AND METHODS THEREFOR**

[54] **GUIDE-FORET A BROCHES REGLABLES ET METHODES CONNEXES**

[72] DUDASIK, MICHAEL W., US

[72] ROYT, ZOYA, US

[72] ABITOL, JEAN-JACQUES, US

[72] ERRICO, JOSEPH P., US

[73] SPINECORE, INC., US

[86] (2688151)

[87] (2688151)

[22] 2009-12-11

[30] US (12/316,660) 2008-12-15

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[11] **2,688,162**  
[13] C

[51] **Int.Cl. C11D 3/34 (2006.01) C11D 7/34 (2006.01) C11D 11/00 (2006.01)**

[25] FR

[54] **METHOD FOR CLEANING SURFACES OF POLYOLEFIN-BASED MATERIALS SOILED WITH FOOD, PARTICULARLY DAIRY PRODUCTS**

[54] **PROCEDE DE NETTOYAGE DE SURFACES DE MATERIAUX A BASE DE POLYOLEFINE(S) SOUILLES PAR DES DENREES ALIMENTAIRES NOTAMMENT DES PRODUITS LAITIERS**

[72] LAFFITTE, JEAN-ALEX, FR

[72] MONGUILLON, BERNARD, FR

[73] ARKEMA FRANCE, FR

[85] 2009-11-23

[86] 2008-05-19 (PCT/FR2008/050856)

[87] (WO2008/142354)

[30] FR (0755251) 2007-05-24

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[11] **2,688,726**  
[13] C

[51] **Int.Cl. B65D 5/63 (2006.01) B65D 5/42 (2006.01) B65D 71/36 (2006.01)**

[25] EN

[54] **CARTON WITH INCREASED WIDTH ACCESS OPENING**

[54] **CARTON AVEC PLUS GRANDE OUVERTURE D'ACCES**

[72] BULL, NICHOLAS R., US

[73] KRAFT FOODS GROUP BRANDS LLC, US

[86] (2688726)

[87] (2688726)

[22] 2009-12-16

[30] US (12/347,331) 2008-12-31

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[11] **2,689,258**  
[13] C

[51] **Int.Cl. B65D 33/00 (2006.01) B65D 75/52 (2006.01)**

[25] EN

[54] **FLEXIBLE PACKAGE HAVING MULTIPLE OPENING FEATURE**

[54] **PAQUET SOUPLE AVEC DISPOSITIF D'OUVERTURE MULTIPLE**

[72] LEATHERSICH, JEAN ELIZABETH, US

[72] GRUSKIN, GLENN STANLEY, US

[72] SIERRA-GOMEZ, GLADYS O., US

[73] KRAFT FOODS GROUP BRANDS LLC, US

[86] (2689258)

[87] (2689258)

[22] 2009-12-23

[30] US (12/347,401) 2008-12-31

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[11] **2,689,804**  
[13] C

[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/32 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR BEVERAGE FORMATION**

[54] **PROCEDE ET APPAREIL POUR FORMATION DE BOISSON**

[72] BRUDEVOLD, FINN, US

[72] SHEPARD, JAMES E., US

[72] ZIMMERMAN, JENNIFER, US

[72] FORTINI, CONSTANCE L., US

[72] DILMAGHANI, DARIUS, US

[72] NUTTER, FRANCIS, US

[73] KEURIG, INCORPORATED, US

[86] (2689804)

[87] (2689804)

[22] 2007-09-07

[62] 2,654,527

[30] US (60/843,012) 2006-09-07

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[13] C

[51] **Int.Cl. F28D 7/02 (2006.01) F28D 7/00 (2006.01)**  
[25] EN  
[54] **HEAT EXCHANGER AND ASSOCIATED METHODS**  
[54] **ECHANGEUR DE CHALEUR ET PROCEDES ASSOCIES**  
[72] TURNER, TERRY D., US  
[72] WILDING, BRUCE M., US  
[73] BATTELLE ENERGY ALLIANCE, LLC, US  
[85] 2009-12-08  
[86] 2008-07-01 (PCT/US2008/068938)  
[87] (WO2009/035747)  
[30] US (11/855,071) 2007-09-13

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[11] **2,692,703**  
[13] C

[51] **Int.Cl. F02B 75/04 (2006.01) F01B 9/04 (2006.01) F02D 15/02 (2006.01) F15B 1/027 (2006.01)**  
[25] FR  
[54] **HYDRAULIC SUPPLY FOR A VARIABLE COMPRESSION RATIO ENGINE**  
[54] **CENTRALE HYDRAULIQUE POUR MOTEUR A TAUX DE COMPRESSION VARIABLE**  
[72] RABHI, VIANNEY, FR  
[73] RABHI, VIANNEY, FR  
[85] 2010-01-06  
[86] 2008-07-18 (PCT/FR2008/001059)  
[87] (WO2009/037395)  
[30] FR (0705237) 2007-07-19  
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[13] C

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[54] **ATTACHMENT PROFILE**  
[54] **PROFILE DE FIXATION**  
[72] WAIBEL, MARTIN, DE  
[73] PROTEKTORWERK FLORENZ MAISCH GMBH & CO. KG, DE  
[86] (2693249)  
[87] (2693249)  
[22] 2010-02-16  
[30] DE (202009004731) 2009-04-23  
[30] EP (09009325) 2009-07-17

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[13] C

[51] **Int.Cl. H04L 12/28 (2006.01)**  
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[54] **WIRELESS NODE AUTO-RESET FUNCTION**  
[54] **FONCTION DE REINITIALISATION AUTOMATIQUE DE NOEUD SANS FIL**  
[72] NASS, GEOFFREY D., US  
[73] SIEMENS INDUSTRY, INC., US  
[85] 2010-01-15  
[86] 2008-06-19 (PCT/US2008/007650)  
[87] (WO2009/011747)  
[30] US (11/779,399) 2007-07-18

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[11] **2,693,730**  
[13] C

[51] **Int.Cl. A61B 8/12 (2006.01) A61B 8/00 (2006.01)**  
[25] EN  
[54] **WIRED OR WIRELESS REMOTELY CONTROLLED ULTRASONIC TRANSDUCER AND IMAGING APPARATUS**  
[54] **TRANSDUCTEUR A ULTRASONS COMMANDE A DISTANCE, CABLE OU SANS FIL, ET APPAREIL D'IMAGERIE**  
[72] ABRAHAM, THEODORE P., US  
[73] INNOSCION, LLC, US  
[85] 2010-01-08  
[86] 2008-08-01 (PCT/US2008/071943)  
[87] (WO2009/029388)  
[30] US (60/953,861) 2007-08-03  
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[13] C

[51] **Int.Cl. G01F 1/34 (2006.01) E02B 3/02 (2006.01) E02B 7/26 (2006.01) E02B 7/28 (2006.01) E02B 7/30 (2006.01) E02B 7/36 (2006.01) E02B 7/40 (2006.01) E02B 7/42 (2006.01) E02B 7/44 (2006.01) E02B 7/52 (2006.01) E02B 7/54 (2006.01) G01F 1/00 (2006.01) G01F 1/56 (2006.01) G01F 1/66 (2006.01) G05D 7/00 (2006.01)**  
[25] EN  
[54] **CONTROL GATES**  
[54] **VANNES DE REGULATION**  
[72] AUGHTON, DAVID, AU  
[72] MAREELS, IVEN, AU  
[72] WEYER, ERIK, AU  
[73] RUBICON RESEARCH PTY LTD, AU  
[73] THE UNIVERSITY OF MELBOURNE, AU  
[86] (2694067)  
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[25] EN  
[54] **TEMPERATURE CONTROLLING VALVE**  
[54] **VANNE DE REGULATION DE LA TEMPERATURE**  
[72] CHANG, YUANHAO, TW  
[72] LO, TSUNGYI, TW  
[73] GLOBE UNION INDUSTRIAL CORP., TW  
[86] (2694578)  
[87] (2694578)  
[22] 2010-03-02

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[25] EN

[54] **HEAT OR ENERGY RECOVERY HOUSING AND SEALING SYSTEM**

[54] **LOGEMENT POUR RECUPERATION DE CHALEUR OU D'ENERGIE ET SYSTEME D'ETANCHEITE**

[72] BOUDREAU, PATRICK PAUL, CA  
[72] LESTAGE, GEORGE ROBERT, CA  
[73] AIR TECH EQUIPMENT LTD., CA  
[85] 2010-01-29  
[86] 2008-07-31 (PCT/CA2008/001403)  
[87] (WO2009/018653)  
[30] CA (2,596,146) 2007-08-03

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[51] **Int.Cl. B32B 27/00 (2006.01) E01C 7/26 (2006.01) E01C 7/35 (2006.01)**

[25] EN

[54] **COMPOSITE TACK FILM FOR ASPHALTIC PAVING, METHOD OF PAVING, AND PROCESS FOR MAKING A COMPOSITE TACK FILM FOR ASPHALTIC PAVING**

[54] **FILM D'ACCROCHAGE COMPOSITE POUR PAVAGE ASPHALTIQUE, PROCEDE DE PAVAGE ET PROCEDE DE FABRICATION D'UN FILM D'ACCROCHAGE COMPOSITE POUR PAVAGE ASPHALTIQUE**

[72] LEE, SUGJOON, US  
[73] SAINT-GOBAIN ADFORS AMERICA, INC., US  
[85] 2010-02-02  
[86] 2008-08-06 (PCT/US2008/072339)  
[87] (WO2009/021040)  
[30] US (60/954,415) 2007-08-07  
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[13] C

[51] **Int.Cl. H04L 29/06 (2006.01)**

[25] EN

[54] **APPARATUS, SYSTEMS AND METHODS TO SYNCHRONIZE COMMUNICATION OF CONTENT TO A PRESENTATION DEVICE AND A MOBILE DEVICE**

[54] **APPAREIL, SYSTEMES ET PROCEDES DE SYNCHRONISATION D'UNE COMMUNICATION DE CONTENU SUR UN DISPOSITIF DE PRESENTATION ET UN DISPOSITIF MOBILE**

[72] TAYLOR, THOMAS S., US  
[73] ECHOSTAR TECHNOLOGIES L.L.C., US  
[85] 2010-02-03  
[86] 2008-07-29 (PCT/US2008/071489)  
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[51] **Int.Cl. E21B 10/43 (2006.01)**

[25] EN

[54] **EARTH-BORING TOOLS HAVING POCKETS FOR RECEIVING CUTTING ELEMENTS AND METHODS FOR FORMING EARTH-BORING TOOLS INCLUDING SUCH POCKETS**

[54] **OUTILS DE FORAGE AYANT DES POCHE POUR RECEVOIR DES ELEMENTS DE COUPE ET PROCEDES POUR FORMER DES OUTILS DE FORAGE COMPRENANT DE TELLES POCHE**

[72] STEVENS, JOHN H., US  
[72] LYONS, NICHOLAS J., US  
[73] BAKER HUGHES INCORPORATED, US  
[85] 2010-02-03  
[86] 2008-08-13 (PCT/US2008/072998)  
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[25] EN

[54] **XANTHOTHUMOL-ENRICHED HOP EXTRACT**

[54] **EXTRAIT DE HOUBLON ENRICHIE EN XANTHOTHUMOL**

[72] YAMAGUCHI, NAOTO, US  
[72] ONO, MITSUNORI, US  
[73] FLAXAN GMBH & CO. KG, DE  
[85] 2010-02-12  
[86] 2008-08-13 (PCT/US2008/073013)  
[87] (WO2009/023710)  
[30] US (60/955,906) 2007-08-15

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[25] EN

[54] **BENZIMIDAZOLE DERIVATIVES USED AS FXR AGONISTS**

[54] **DERIVES DE BENZIMIDAZOLE UTILISES COMME AGONISTES DU RECEPTEUR FXR**

[72] BENSON, GREGORY MARTIN, CH  
[72] BLEICHER, KONRAD, DE  
[72] GREETHER, UWE, DE  
[72] MARTIN, RAINER E., CH  
[72] PLANCHER, JEAN-MARC, FR  
[72] RICHTER, HANS, DE  
[72] TAYLOR, SVEN, FR  
[72] YANG, MINMIN, CN  
[73] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2010-02-16  
[86] 2008-08-19 (PCT/EP2008/060820)  
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[54] **STUMP GRINDING TOOTH ASSEMBLY**  
[54] **ENSEMBLE A DENT DE BROYAGE DE SOUCHE**  
[72] LEONARDI, JOSEPH, US  
[72] JORDAN, BRUCE C., US  
[73] LEONARDI MANUFACTURING CO., INC., US  
[85] 2010-02-22  
[86] 2008-05-07 (PCT/US2008/062900)  
[87] (WO2009/025887)  
[30] US (60/957,318) 2007-08-22

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[51] **Int.Cl. B65D 5/28 (2006.01) B65D 5/32 (2006.01) B65D 5/44 (2006.01)**  
[25] EN  
[54] **MULTI-SIDED TRAY BLISS CONTAINER**  
[54] **CONTENANT BLISS A PLUSIEURS COTES**  
[72] QUAINANCE, BENJAMIN W., US  
[72] CHURVIS, MICHAEL A., US  
[73] INTERNATIONAL PAPER COMPANY, US  
[85] 2010-02-23  
[86] 2008-08-20 (PCT/US2008/009889)  
[87] (WO2009/032068)  
[30] US (11/897,527) 2007-08-30  
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[54] **CONTROLLER OF MOTOR**  
[54] **CONTROLEUR DE MOTEUR**  
[72] KITANAKA, HIDETOSHI, JP  
[73] MITSUBISHI ELECTRIC CORPORATION, JP  
[85] 2010-03-08  
[86] 2007-10-29 (PCT/JP2007/071017)  
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[13] C

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[25] EN  
[54] **SCREENING APPARATUS**  
[54] **APPAREIL DE CRIBLAGE**  
[72] WARKENTIN, DANIEL JAMES, CA  
[73] WARKENTIN, DANIEL JAMES, CA  
[86] (2699206)  
[87] (2699206)  
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[13] C

[51] **Int.Cl. B64C 39/04 (2006.01)**  
[25] EN  
[54] **BOTH-END SUPPORTING WING AIRCRAFT**  
[54] **AERONEF A AILE PORTANTE**  
[72] SUZUKI, MASAHIKO, JP  
[73] KABUSHIKI KAISHA BELLISION, JP  
[85] 2010-03-12  
[86] 2008-08-12 (PCT/JP2008/064471)  
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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/497 (2006.01) A61P 25/00 (2006.01) C07D 403/12 (2006.01)**  
[25] EN  
[54] **5-HT7 RECEPTOR ANTAGONISTS**  
[54] **ANTAGONISTES DU RECEPTEUR 5-HT<SB>7</SB>**  
[72] BADESCU, VALENTINA O., US  
[72] FILLA, SANDRA ANN, US  
[72] GALLAGHER, PETER THADDEUS, GB  
[72] WHATTON, MARIA ANN, GB  
[73] ELI LILLY AND COMPANY, US  
[85] 2010-03-15  
[86] 2008-09-30 (PCT/US2008/078294)  
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[30] US (60/979,464) 2007-10-12

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[13] C

[51] **Int.Cl. B65H 35/00 (2006.01) B26D 5/06 (2006.01) B26D 7/20 (2006.01)**  
[25] EN  
[54] **WEB CORRECTION CUTTER**  
[54] **ORGANE DE DECOUPAGE DE BANDE A CORRECTION**  
[72] SLYNE, WILLIAM J., CA  
[73] NORTH CUTTING SYSTEMS, LLC, US  
[85] 2010-03-23  
[86] 2008-10-23 (PCT/CA2008/001877)  
[87] (WO2009/052627)  
[30] US (60/982,181) 2007-10-24

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[13] C

[51] **Int.Cl. G01S 5/06 (2006.01) H04W 64/00 (2009.01)**  
[25] EN  
[54] **DETECTION OF TIME OF ARRIVAL OF CDMA SIGNALS IN A WIRELESS LOCATION SYSTEM**  
[54] **DETECTION D'INSTANT D'ARRIVEE DE SIGNAUX CDMA DANS UN SYSTEME DE LOCALISATION SANS FIL**  
[72] LEFEVER, RONALD, US  
[72] MIA, RASHIDUS S., US  
[72] ANDERSON, ROBERT J., US  
[73] TRUEPOSITION, INC., US  
[85] 2010-03-26  
[86] 2008-12-09 (PCT/US2008/086086)  
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[54] **THREADED JOINT HAVING A CONTACTLESS REGION WITH A TAPERED SURFACE PORTION**  
[54] **JOINT FILETE MUNI D'UNE REGION SANS CONTACT AVEC UNE PARTIE DE SURFACE EFFILEE**  
[72] TAKANO, TAKAHIRO, JP  
[72] NAGASAKU, SHIGEO, JP  
[72] SUGINO, MASAACKI, JP  
[72] HAMAMOTO, TAKAHIRO, JP  
[72] YAMAGUCHI, SUGURU, JP  
[73] VALLOUREC MANNESMANN OIL & GAS FRANCE, FR  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2010-03-31  
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[30] JP (2007-259852) 2007-10-03

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[13] C

[51] **Int.Cl. G01S 5/00 (2006.01) H04W 52/02 (2009.01) H04W 64/00 (2009.01) G01S 19/23 (2010.01)**  
[25] EN  
[54] **METHOD AND DEVICE TO DETERMINE OUT OF COVERAGE FOR MOBILE DEVICES**  
[54] **DISPOSITIF ET METHODE POUR DETERMINER SI DES APPAREILS CELLULAIRES PORTATIFS SONT HORS DE LA ZONE DE RAYONNEMENT**  
[72] DICKE, RONALD ANTHONY, CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[86] (2701472)  
[87] (2701472)  
[22] 2010-04-27  
[30] EP (09159127.1) 2009-04-29

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[11] **2,703,104**  
[13] C

[51] **Int.Cl. H04L 5/00 (2006.01)**  
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[54] **BEACON-BASED CONTROL CHANNELS**  
[54] **CANAUX DE CONTROLE A BALISES**  
[72] PALANKI, RAVI, US  
[72] AGRAWAL, AVNEESH, US  
[72] GOROKHOV, ALEXEI, US  
[72] KHANDEKAR, AAMOD, US  
[72] SAMPATH, ASHWIN, US  
[72] LIN, DEXU, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2010-04-19  
[86] 2008-09-04 (PCT/US2008/075238)  
[87] (WO2009/064531)  
[30] US (60/988,151) 2007-11-15  
[30] US (12/163,812) 2008-06-27

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[13] C

[51] **Int.Cl. A21D 8/02 (2006.01) A21D 8/06 (2006.01)**  
[25] EN  
[54] **HIGH FIBER AND HIGH PROTEIN BAKED GOODS PRODUCTION**  
[54] **PRODUCTION D'ALIMENTS AU FOUR HYPERPROTEIQUES**  
[72] KARWOWSKI, JAN, US  
[72] VEMULAPALLI, VANI, US  
[72] OKONIEWSKA, MONIKA, US  
[72] BEAVER, MICHELLE D., US  
[72] CLEARY, KATHERINE, US  
[73] KRAFT FOODS GLOBAL BRANDS LLC, US  
[86] (2704524)  
[87] (2704524)  
[22] 2010-05-18  
[30] US (12/472,865) 2009-05-27

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[51] **Int.Cl. A61F 2/848 (2013.01) A61F 2/91 (2013.01) A61F 2/86 (2013.01) A61F 2/92 (2013.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR TACKING PLAQUE TO BLOOD VESSEL WALL**  
[54] **DISPOSITIF ET PROCEDURE POUR AGRAFER UNE PLAQUE A UNE PAROI DE VAISSEAU SANGUIN**  
[72] SCHNEIDER, PETER A., US  
[72] GIASOLLI, ROBERT, US  
[73] INTACT VASCULAR LLC, US  
[85] 2010-05-07  
[86] 2008-12-11 (PCT/US2008/086396)  
[87] (WO2009/076517)  
[30] US (11/955,331) 2007-12-12

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[25] EN  
[54] **O2-GLYCOSYLATED 1-SUBSTITUTED DIAZEN-1-IUM-1,2-DIOLATES**  
[54] **DIAZEN-1-IUM-1,2-DIOLATES SUBSTITUES EN POSITION 1 ET GLYCOSYLES EN POSITION 02**  
[72] SAAVEDRA, JOSEPH E., US  
[72] KEEFER, LARRY K., US  
[72] BOGDAN, CHRISTIAN, DE  
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[86] (2705474)  
[87] (2705474)  
[22] 1997-09-26  
[62] 2,266,908  
[30] US (60/026,816) 1996-09-27  
[30] US (60/045,917) 1997-05-07  
[30] US (60/051,696) 1997-07-03

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[13] C

[51] **Int.Cl. G01N 33/487 (2006.01)**  
[25] EN  
[54] **METHOD FOR MONITORING THE USE OF CONSUMABLES OF A DISPOSABLE TYPE IN ONE OR MORE ANALYSIS DEVICES**  
[54] **PROCEDE DE SURVEILLANCE DE L'UTILISATION D'UN CONSOMMABLE A USAGE UNIQUE DANS UN OU PLUSIEURS APPAREILS D'ANALYSE**  
[72] RUETHER, HORST, AT  
[72] STEINBOECK, WOLF-DIETRICH, AT  
[72] BARTEL, ARNOLD, AT  
[72] FELSBERGER, ROBERT, AT  
[73] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2010-05-12  
[86] 2008-11-13 (PCT/EP2008/009615)  
[87] (WO2009/062722)  
[30] US (60/987,442) 2007-11-13

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[13] C

[51] **Int.Cl. A61M 5/32 (2006.01) A61B 17/34 (2006.01)**  
[25] EN  
[54] **SAFETY NEEDLE GUARD**  
[54] **GARDE-AIGUILLE DE SECURITE**  
[72] MEEHAN, MICHAEL, US  
[72] WONG, ANDREW, US  
[72] D'ARRIGO, CHRISTINA, US  
[73] BECTON, DICKINSON AND COMPANY, US  
[85] 2010-05-21  
[86] 2008-11-21 (PCT/US2008/084300)  
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[25] EN  
[54] **CLEAR OPHTHALMIC SOLUTION COMPRISING LATANOPROST AS ACTIVE INGREDIENT**  
[54] **SOLUTION OPHTALMIQUE TRANSPARENTE CONTENANT DU LATONOPROST COMME PRINCIPE ACTIF**  
[72] ASADA, HIROYUKI, JP  
[72] KIMURA, AKIO, JP  
[73] SANTEN PHARMACEUTICAL CO., LTD., JP  
[86] (2707067)  
[87] (2707067)  
[22] 2003-09-08  
[62] 2,498,233  
[30] JP (2002-263030) 2002-09-09  
[30] JP (2002-263035) 2002-09-09  
[30] JP (2002-263039) 2002-09-09

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[13] C

[51] **Int.Cl. A01D 61/02 (2006.01)**  
[25] EN  
[54] **DRAPER ARRANGEMENT FOR A COMBINE HARVESTER PICK-UP**  
[54] **CONVOYEUR A TOILE POUR UN CAPTEUR DE MOISSONNEUSE-BATTEUSE**  
[72] KIDD, BRUCE, CA  
[73] MACDON INDUSTRIES LTD., CA  
[86] (2708744)  
[87] (2708744)  
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[13] C

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[25] EN  
[54] **PROCESS FOR THE PREPARATION OF TS-1 ZEOLITES**  
[54] **PROCEDE DE PREPARATION DE ZEOLITES TS-1**  
[72] CARATI, ANGELA, IT  
[72] BERTI, DONATELLA, IT  
[72] MILLINI, ROBERTO, IT  
[72] RIVETTI, FRANCO, IT  
[72] MANTEGAZZA, MARIA ANGELA, IT  
[72] GIROTTI, GIANNI, IT  
[73] POLIMERI EUROPA S.P.A., IT  
[85] 2010-06-10  
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[87] (WO2009/077086)  
[30] IT (MI2007A002342) 2007-12-14

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[13] C

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/40 (2006.01) B01D 53/62 (2006.01) B01D 53/96 (2006.01) F01K 17/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR REGENERATING AN ABSORBENT SOLUTION**  
[54] **SYSTEME ET PROCEDE DE REGENERATION D'UNE SOLUTION ABSORBANTE**  
[72] HANDAGAMA, NARESHKUMAR B., US  
[72] KOTDAWALA, RASESH R., US  
[72] TUREK, DAVID G., US  
[72] LILJEDAHL, GREGORY N., US  
[72] PFEFFER, ALAN M., US  
[72] ZHANG, WEI D., US  
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[54] **FAUCET CONNECTING STRUCTURE**

[54] **STRUCTURE DE RACCORDEMENT D'UN ROBINET**

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[73] GLOBE UNION INDUSTRIAL CORP., TW

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[54] **REFRIGERATED CABINET AND COOLING MODULE FOR SAME**

[54] **MEUBLE REFRIGERE ET MODULE DE REFROIDISSEMENT POUR CELUI-CI**

[72] LILKE, HARVEY D., CA

[73] LILKE, HARVEY D., CA

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[54] **PROLINE ANALOGS AS LIGANDS FOR CANNABINOID RECEPTORS**

[54] **ANALOGUES DE LA PROLINE COMME LIGANDS POUR LES RECEPTEURS DES CANNABINOIDES POUR LE TRAITEMENT DE LA DOULEUR**

[72] SHAO, BIN, US

[72] YAO, JIANGCHAO, US

[73] PURDUE PHARMA L.P., US

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[54] **DISPOSITIF DE MESURE DE TEMPERATURE IR ET DE GUIDAGE AVEC COUVERCLE DE SONDE**

[72] QUINN, DAVID E., US

[72] LANE, JOHN A., US

[72] MARTIN, SCOTT A., US

[72] MEYERSON, CRAIG M., US

[72] MULLIN, MATTHEW D., US

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[54] **FLUID-INJECTED SCREW COMPRESSOR ELEMENT**

[54] **ELEMENT DE COMPRESSEUR A VIS A INJECTION DE FLUIDE**

[72] PAUWELS, RAPHAEL HENRI MARIA, BE

[72] ERNENS, PHILIPPE ALPHONSE LOUIS, BE

[73] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE

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[54] **BALL GAME TRAINING APPARATUS**

[54] **APPAREIL D'ENTRAINEMENT POUR JEU DE BALLE**

[72] PAN, FRANCIS CHUNG HWA, TW

[72] CHUANG, FU-CHIN, TW

[72] CHU, CHIN-CHIEH, TW

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[73] SPIN MASTER LTD., CA

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[54] **TRANSMITTER/RECEIVER AND DATA TRANSMISSION/RECEPTION METHOD IN COMMUNICATION SYSTEM**

[54] **TRANSMETTEUR-RECEPTEUR ET METHODE DE TRANSMISSION-RECEPTION DE DONNEES D'UN SYSTEME DE COMMUNICATION**

[72] PARK, SUNG-IK, KR

[72] LIM, HYOUNGSOO, KR

[72] KIM, HEUNG-MOOK, KR

[72] KANG, DONGHOON, KR

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[72] CHRONISTER, BEN, US  
[72] KILE, JEREMY, US  
[72] WERNER, PETER, US  
[72] BEANE, BRET, US  
[72] HEIL, DONALD, US  
[72] SHERMAN, JAMES, US  
[72] WHITCOMB, ROBERT, US  
[73] DENTSPLY INTERNATIONAL INC., US  
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[72] BOUCHARD, GUY P., US  
[73] OSRAM SYLVANIA INC., US  
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[54] **LAMINOIR DE TOLE FORTE ET PROCEDE DE LAMINAGE DE TOLE FORTE**  
[72] OGAWA, SHIGERU, JP  
[72] ISHII, ATSUSHI, JP  
[72] KASAI, DAISUKE, JP  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
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[54] **STATIONARY CHILD EXERCISE APPARATUS WITH BOUNCING PAD**  
[54] **APPAREIL D'EXERCICE FIXE POUR ENFANTS DOTE D'UN PLAN DE REBONDISSEMENT**  
[72] TADIN, JEFFREY S., US  
[72] BURNS, STEPHEN R., US  
[72] SCLARE, JACOB M., US  
[72] CARTABIANO, JAMES E., US  
[73] KIDS II, INC., US  
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[54] **STABLE THREE-PHASED EMULSIONS**  
[54] **EMULSIONS STABLES A TROIS PHASES**  
[72] PATEL, AMIT, US  
[73] MARY KAY INC., US  
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[54] **CONDITIONING ORIFICE PLATE WITH PIPE WALL PASSAGES**  
[54] **CONDITIONNEMENT D'UNE PLAQUE A ORIFICE DOTE DE PASSAGES DE PAROI POUR TUYAU**  
[72] GARNETT, JOHN EVERETT, US  
[72] IFFT, STEPHEN ARTHUR, US  
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[54] **QUINONE DERIVATIVE 2,3-DIMETHOXY-5-METHYL-6-(10-HYDROXYDECYL)-1,4-BENZOQUINONE FOR THE TREATMENT OF RESPIRATORY ILLNESS IN MUSCULAR DYSTROPHY**  
[54] **DERIVE DE QUINONE, 2,3-DIMETHOXY-5-METHYL-6-(10-HYDROXYDECYL)-1,4-BENZOQUINONE POUR LE TRAITEMENT D'UNE MALADIE RESPIRATOIRE DANS UNE DYSTROPHIE MUSCULAIRE**  
[72] BUYSE, GUNNAR, BE  
[72] MEIER, THOMAS, CH  
[73] SANTHERA PHARMACEUTICALS (SCHWEIZ) AG, CH  
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[54] **CAB SUSPENSION FOR A SWATHER TRACTOR**  
[54] **SUSPENSION DE CABINE POUR TRACTEUR DE FAUCHEUSE-ANDAINEUSE**  
[72] DUNN, JAMES T., CA  
[73] MACDON INDUSTRIES LTD., CA  
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[54] **CLE A FOURCHE REVERSIBLE A MECANISME D'ARRET**  
[72] WU, ARTHUR, TW  
[73] PROXENE TOOLS CO., LTD., TW  
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[72] BRAUN, ROGER, CH  
[73] FLOORING TECHNOLOGIES LTD., MT  
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[25] EN  
[54] **ETHYLENE-VINYL ALCOHOL COPOLYMER RESIN COMPOSITIONS AND PROCESS FOR PRODUCTION THEREOF**  
[54] **COMPOSITIONS DE RESINES DE COPOLYMERES D'ETHYLENE-ALCOOL VINYLIQUE ET LEUR PROCEDE DE PRODUCTION**  
[72] IKEDA, KAORU, JP  
[72] KIDA, NORIYUKI, JP  
[72] SHINDOME, HIROYUKI, JP  
[72] UCHIUMI, NAOHIKO, JP  
[73] KURARAY CO., LTD., JP  
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[54] **APPARATUS AND METHOD FOR MONITORING TUNNEL BORING EFFICIENCY**  
[54] **APPAREIL ET PROCEDE DE SURVEILLANCE DE L'EFFICACITE DU CREUSEMENT D'UN TUNNEL**  
[72] LINDBERGH, LEIF R., US  
[72] SHANAHAN, AARON J., US  
[72] CAHOON, IAN R., US  
[72] ROBBINS, RICHARD J., US  
[72] MOORE, JAMES C., US  
[72] BROWN, BRENT R., US  
[72] REILLY, TIMOTHY J., CA  
[73] THE ROBBINS COMPANY, US  
[85] 2010-11-03  
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[25] EN  
[54] **METHODS AND AQUEOUS BASED WELLBORE FLUIDS FOR REDUCING WELLBORE FLUID LOSS AND FILTRATE LOSS**  
[54] **PROCEDES ET FLUIDES A BASE AQUEUSE POUR Puits DE FORAGE POUR LA REDUCTION DE LA PERTE DE FLUIDE ET DE LA PERTE DE FILTRAT DE Puits DE FORAGE**  
[72] YOUNG, STEVEN, US  
[72] STAMATAKIS, EMANUEL, US  
[73] M-I L.L.C., US  
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[86] 2009-05-04 (PCT/US2009/042715)  
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[54] **METHOD FOR DETERMINING DEAD ZONE OF VALVE**  
[54] **PROCEDE DE DETERMINATION DE ZONE MORTE DE SOUPAPE**  
[72] PUURA, JUSSI, FI  
[72] SAARELA, MARKUS, FI  
[73] SANDVIK MINING AND CONSTRUCTION OY, FI  
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[54] **A PROCESS FOR THE PREPARATION OF ENANTIOMERICALLY PURE AMINES**  
[54] **PROCEDE POUR LA PREPARATION D'AMINES ENANTIOMERIQUEMENT PURES**  
[72] GORE, VINAYAK, IN  
[72] MANOJKUMAR, BINDU, IN  
[72] SONAWANE, SANDEEP, IN  
[72] KOKANE, DATTATREY, IN  
[72] TANK, SINDERPAL, IN  
[73] GENERICS [UK] LIMITED, GB  
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[54] **ABRASIVE ARTICLE**  
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[72] DEERING, SHANA, US  
[72] CRIBB, VANCE, US  
[72] JITARIU, DUMITRU RADU, US  
[72] SEM, KAREN, US  
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[54] **OUTIL DE DEVIATION**  
[72] ZWEIFEL, THOMAS J., US  
[73] BAKER HUGHES INCORPORATED, US  
[86] (2724796)  
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[25] EN  
[54] **METHOD FOR SEPARATING CELLS USING IMMUNOROSSETTES**  
[54] **PROCEDE DE SEPARATION DES CELLULES PAR UTILISATION DE ROSETTES IMMUNITAIRES**  
[72] THOMAS, TERRY E., CA  
[72] PETERS, CARRIE, CA  
[72] LANSDORP, PETER, CA  
[73] STEMCELL TECHNOLOGIES INC., CA  
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[25] EN  
[54] **METHOD AND APPARATUS FOR IMPROVING THE LATERAL SUPPORT PROVIDED BY THE LEGS OF A JACK-UP DRILLING RIG**  
[54] **PROCEDE ET APPAREIL POUR AMELIORER LE SOUTIEN LATERAL ASSURE PAR LES PIEDS D'UNE PLATE-FORME DE FORAGE AUTOELEVATRICE**  
[72] WISHAHY, MOMEN A., US  
[72] BREKKE, JAMES N., US  
[73] TRANSOCEAN OFFSHORE DEEPWATER DRILLING INC., US  
[85] 2010-11-19  
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[51] **Int.Cl. C25C 3/06 (2006.01) C25C 3/08 (2006.01)**  
[25] EN  
[54] **400KA HIGH ENERGY EFFICIENCY REDUCTION POT**  
[54] **CELLULE ELECTROLYTIQUE EN ALUMINIUM PRECUIT DE TYPE 400KA PERMETTANT UNE ECONOMIE D'ENERGIE ET UNE REDUCTION DES EMISSIONS**  
[72] LV, DINGXIONG, CN  
[72] WU, YOUWEI, CN  
[72] QI, XIQUAN, CN  
[72] MA, SHAOXIAN, CN  
[72] MAO, JIHONG, CN  
[72] DONG, HUI, CN  
[72] WANG, DEQUAN, CN  
[72] LIU, JINGXIONG, CN  
[72] MAO, YU, CN  
[72] GUAN, YONGJUN, CN  
[73] NORTHEASTERN UNIVERSITY ENGINEERING & RESEARCH INSTITUTE CO., LTD., CN  
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[25] EN

[54] **METHOD OF CONTROLLING ROTATION SPEED OF MOTOR OF SPEED-CONTROLLABLE HOIST DRIVE, AND HOIST DRIVE**

[54] **PROCEDE DE CONTROLE DE VITESSE DE ROTATION DE MOTEUR D'ENTRAINEMENT DE PALAN A VITESSE CONTROLABLE ET ENTRAINEMENT DE PALAN**

[72] KIOVA, JUSSI, FI  
[72] SALOMAEKI, JANNE, FI  
[73] KONECRANES PLC, FI  
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[54] **CROCHET MULTIFONCTION**

[72] YU, STEPHEN, TW  
[73] CLAIR HOME PRODUCTS INC., TW  
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[51] **Int.Cl. A61H 33/00 (2006.01) F24H 9/20 (2006.01) G05D 23/19 (2006.01)**

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[54] **SPA AND METHOD OF CONTROLLING SPA SYSTEM**

[54] **CUVE THERMALE ET METHODE DE COMMANDE**

[72] CLINE, DAVID J., US  
[72] OTTO, CINDY, US  
[72] DAYSTROM, STEFAN, US  
[73] BALBOA INSTRUMENTS, INC., US  
[86] (2727752)  
[87] (2727752)  
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[54] **DEVICE AND METHOD FOR CONTROLLING WIND TURBINE**

[54] **DISPOSITIF ET METHODE DE REGULATION D'UNE EOLIENNE**

[72] BABA, MITSUYA, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 2011-02-11  
[86] 2010-05-26 (PCT/JP2010/058905)  
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[25] EN

[54] **METHOD AND APPARATUS FOR INSULATING A VOID IN A COMPONENT OF A LOW-TEMPERATURE OR CRYOGENIC STORAGE TANK**

[54] **PROCEDE ET APPAREIL POUR ISOLER UN VIDE DANS UN COMPOSANT D'UN RESERVOIR DE STOCKAGE CRYOGENIQUE OU A BASSE TEMPERATURE**

[72] GRAHAM, THOMAS GLEN, US  
[72] WIESE, BRIAN D., US  
[72] O'MEARA, DAVID M., US  
[73] CHICAGO BRIDGE & IRON COMPANY, US  
[85] 2011-02-01  
[86] 2009-08-05 (PCT/US2009/052851)  
[87] (WO2010/053616)  
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[54] **GAS-PHASE HYDROTREATING OF MIDDLE-DISTILLATES HYDROCARBON FEEDSTOCKS**

[54] **HYDROTRAITEMENT EN PHASE GAZEUSE DE CHARGES D'HYDROCARBURES DE DISTILLATS MOYENS**

[72] RING, ZBIGNIEW E., US  
[72] CHEN, JINWEN, CA  
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA  
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[25] EN

[54] **DYNAMIC SPINAL STABILIZATION ASSEMBLY WITH TORSION AND SHEAR CONTROL**

[54] **ENSEMBLE STABILISATION VERTEBRALE DYNAMIQUE AVEC REGLAGE DE LA TORSION ET DU CISAILLEMENT**

[72] JACKSON, ROGER P., US  
[73] JACKSON, ROGER P., US  
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[86] 2009-07-23 (PCT/US2009/004270)  
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[25] EN

[54] **ARC FLASH PROTECTION WITH SELF-TEST**

[54] **PROTECTION CONTRE LES FLASHS D'ARC PAR TEST AUTOMATIQUE**

[72] SCHWEITZER, EDMUND O., US

[72] SKENDZIC, VESELIN, US

[72] DAS, DHRUBA P., US

[72] SCHEER, GARY W., US

[72] KESLER, JAMES R., US

[72] TROUT, DOUGLAS M., US

[73] SCHWEITZER ENGINEERING LABORATORIES, INC., US

[85] 2011-03-03

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[25] EN

[54] **PROCESS FOR MAKING A FIBROUS STRUCTURE COMPRISING AN ADDITIVE**

[54] **PROCEDE POUR FABRIQUER UNE STRUCTURE FIBREUSE COMPRENANT UN ADDITIF**

[72] PRODOEHL, MICHAEL SCOTT, US

[72] VINSON, KENNETH DOUGLAS, US

[73] THE PROCTER & GAMBLE COMPANY, US

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[87] (2736050)

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[25] EN

[54] **METHOD AND DEVICE FOR MANUFACTURING BENT PRODUCT**

[54] **PROCEDE ET DISPOSITIF DE FABRICATION DE PRODUIT COUDE**

[72] TOMIZAWA ATSUSHI, JP

[72] SHIMADA NAOAKI, JP

[72] INOUE SABURO, JP

[72] KUWAYAMA SHINJIRO, JP

[73] SUMITOMO PIPE & TUBE CO., LTD., JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2011-03-24

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[25] EN

[54] **HIGHLY CONCENTRATED DRUG PARTICLES, FORMULATIONS, SUSPENSIONS AND USES THEREOF**

[54] **PARTICULES MEDICAMENTEUSES HAUTEMENT CONCENTREES, FORMES PHARMACEUTIQUES, SUSPENSIONS ET LEURS UTILISATIONS**

[72] ALESSI, THOMAS R., US

[72] MERCER, RYAN D., US

[72] ROHLOFF, CATHERINE M., US

[72] YANG, BING, US

[73] INTARCIA THERAPEUTICS, INC., US

[85] 2011-03-28

[86] 2009-10-14 (PCT/US2009/005629)

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[30] US (61/196,277) 2008-10-15

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[25] EN

[54] **HYDROGEN CONCENTRATION MEASUREMENT DEVICE AND FUEL CELL SYSTEM**

[54] **DISPOSITIF DE MESURE DE CONCENTRATION D'HYDROGENE ET SYSTEME DE PILE A COMBUSTIBLE**

[72] USAMI, SHO, JP

[72] ARAKI, YASUSHI, JP

[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[85] 2011-03-29

[86] 2009-06-08 (PCT/JP2009/060465)

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[25] EN

[54] **MATING MECHANISM FOR A PRESSURIZING UNIT AND CORRESPONDING SLEEVE IN A MEDICAL FLUID INJECTION DEVICE**

[54] **MECANISME D'ACCOUPLLEMENT POUR UNE UNITE DE PRESSURISATION ET MANCHON CORRESPONDANT DANS UN DISPOSITIF D'INJECTION DE FLUIDE MEDICAL**

[72] HIEB, MARTY, US

[72] LE, KHOI, US

[72] WEST, BILL, US

[72] WROLSON, DARRYL T., US

[72] PILOSI, PAUL, US

[73] ACIST MEDICAL SYSTEMS, INC., US

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[54] **REDUCED-PRESSURE, WOUND-CLOSURE AND TREATMENT SYSTEMS AND METHODS**  
[54] **FERMETURE DE PLAIE A PRESSION REDUITE ET SYSTEMES ET METHODES DE TRAITEMENT**  
[72] HEATON, KEITH PATRICK, GB  
[72] HARDMAN, IAN JAMES, GB  
[72] COWARD, CHRISTOPHER GUY, GB  
[72] HALL, COLIN JOHN, GB  
[73] KCI LICENSING, INC., US  
[85] 2011-04-14  
[86] 2009-05-15 (PCT/US2009/044264)  
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[25] EN  
[54] **POLYMORPHIC FORMS OF 3-(4-AMINO-1-OXO-1,3-DIHYDRO-ISOINDOL-2-YL)-PIPERIDINE-2,6-DIONE**  
[54] **FORMES POLYMORPHES DE 3-(4-AMINO-1-OXO-1,3-DIHYDRO-ISOINDOL-2-YL)-PIPERIDINE-2,6-DIONE**  
[72] CHEN, ROGER SHEN-CHU, US  
[72] MULLER, GEORGE W., US  
[72] JAWORSKY, MARKIAN S., US  
[72] SAINDANE, MANOHAR T., US  
[72] CAMERON, LOUISE M., US  
[73] CELGENE CORPORATION, US  
[86] (2741412)  
[87] (2741412)  
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[62] 2,537,092  
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[54] **POLYMORPHIC FORMS OF 3-(4-AMINO-1-OXO-1,3-DIHYDRO-ISOINDOL-2-YL)-PIPERIDINE-2,6-DIONE**  
[54] **FORMES POLYMORPHES DE 3-(4-AMINO-1-OXO-1,3-DIHYDRO-ISOINDOL-2-YL)-PIPERIDINE-2,6-DIONE**  
[72] CHEN, ROGER SHEN-CHU, US  
[72] MULLER, GEORGE W., US  
[72] JAWORSKY, MARKIAN S., US  
[72] SAINDANE, MANOHAR T., US  
[72] CAMERON, LOUISE M., US  
[73] CELGENE CORPORATION, US  
[86] (2741575)  
[87] (2741575)  
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[13] C

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[25] EN  
[54] **CYLINDRICAL SHAPED SNORKEL INTERFACE ON EVALUATION PROBE**  
[54] **INTERFACE SCHNORKEL DE FORME CYLINDRIQUE SUR UNE SONDE D'EVALUATION**  
[72] ROESSLER, DENNIS E., US  
[73] WEATHERFORD/LAMB, INC., US  
[86] (2741870)  
[87] (2741870)  
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[11] **2,742,852**  
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[25] EN  
[54] **DISPENSER WITH TWO-COMPARTMENT FLUID CONTAINER**  
[54] **SYSTEME ET PROCEDE PERMETTANT DE DISTRIBUER UN CONCENTRE DE BOISSON LIQUIDE**  
[72] CHENG, PU-SHENG, US  
[72] CHRISMAN, RANDALL C., US  
[72] GAVIE, SHANNON, US  
[72] LANDRY, WALTER, US  
[72] MCDONOUGH, BRIAN J., US  
[72] MORRISON, RANDALL L., US  
[72] SCOVILLE, EUGENE, US  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
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[87] (2742852)  
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[13] C

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[25] EN  
[54] **METHOD FOR PRODUCING SEAMLESS METALLIC TUBE BY COLD ROLLING**  
[54] **PROCEDE DE PRODUCTION DE TUYAU METALLIQUE SANS SOUDURE PAR LAMINAGE A FROID**  
[72] HAYASHI, CHIHIRO, JP  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2011-05-09  
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[54] **OLEFIN PRODUCTION PROCESS**

[54] **METHODE DE SYNTHESE D'UNE OLEFINE**

[72] OHKUBO, TSUNEYUKI, JP

[72] FUJIWARA, KENJI, JP

[72] FUJITA, TERUNORI, JP

[73] MITSUI CHEMICALS, INC., JP

[85] 2011-05-27

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[25] EN

[54] **GOLF BALLS WITH ROTATIONALLY OFFSET DIMPLE PATTERN HALVES**

[54] **BALLES DE GOLF A PATRONS D'ALVEOLES DISPOSES A CONTRESENS DU MOUVEMENT DE ROTATION SUR LA MOITIE D'UN SECTEUR**

[72] FITCHETT, DEREK A., US

[72] NEWBURY, PETER, US

[73] NIKE INTERNATIONAL LTD., US

[86] (2746597)

[87] (2746597)

[22] 2011-07-19

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[25] EN

[54] **GOLF BALLS INCLUDING MULTIPLE SECTORS WITH MIRRORRED DIMPLE PATTERNS**

[54] **BALLES DE GOLF, Y COMPRIS CELLES DE TYPES A ALVEOLES MULTIPLES ET/OU A COUCHES MULTIPLES DE DIFFERENTES DURETES**

[72] FITCHETT, DEREK A., US

[72] NEWBURY, PETER, US

[73] NIKE INTERNATIONAL LTD., US

[86] (2747405)

[87] (2747405)

[22] 2011-07-21

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[51] **Int.Cl. A23K 1/10 (2006.01) A23K 1/00 (2006.01) A23K 1/18 (2006.01)**

[25] EN

[54] **PRECOAGULATION, PREHYDRATION, AND PREGELATINIZATION PROCESS FOR PET FOOD COMPOSITION**

[54] **PROCEDE DE PRE-COAGULATION, DE PRE-HYDRATATION ET DE PREGELIFICATION UTILISE POUR FABRIQUER UNE COMPOSITION ALIMENTAIRE POUR ANIMAL DE COMPAGNIE**

[72] CHEUK, WAI LUN, US

[72] ROMANO, PETER ANTONIO, US

[72] RANJAN, SITHARA SIVASANKARAN, US

[72] SCOTT, KIMBERLY LYNETTE, US

[73] HILL'S PET NUTRITION, INC., US

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[54] **LIQUID AROMA INJECTOR**

[54] **INJECTEUR D'AROMES LIQUIDES**

[72] VOGTNER, ZACHARY T., US

[72] ZAHORA, NATHAN, US

[73] CUSTOM MOLDED PRODUCTS, INC., US

[86] (2747165)

[87] (2747165)

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[25] EN

[54] **GOLF BALLS INCLUDING MULTIPLE DIMPLE TYPES AND/OR MULTIPLE LAYERS OF DIFFERENT HARDNESSES**

[54] **BALLES DE GOLF, Y COMPRIS CELLES DE TYPES A ALVEOLES MULTIPLES ET/OU A COUCHES MULTIPLES DE DIFFERENTES DURETES**

[72] ICHIKAWA, YASUSHI, US

[72] FITCHETT, DEREK A., US

[72] NEWBURY, PETER, US

[73] NIKE INTERNATIONAL LTD., US

[86] (2747422)

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[54] **ANTI-ROTATION DEVICE FOR WELLHEAD STUFFING BOX**  
[54] **DISPOSITIF ANTI-ROTATION POUR BOITE A GARNITURE DE TETE DE Puits**  
[72] BAZYLINSKI, DUANE, CA  
[73] BAZYLINSKI, DUANE, CA  
[86] (2748207)  
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[22] 2011-08-09

[11] **2,749,032**  
[13] C

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[54] **POLYOL COATINGS, ARTICLES, AND METHODS**  
[54] **RETELEMENTS EN POLYOL, ARTICLES ET METHODES**  
[72] MURPHY, CHRISTOPHER B., US  
[72] FABRI, JON O., US  
[72] MAHONEY, ROBERT P., US  
[73] POLYMER VENTURES, INC., US  
[86] (2749032)  
[87] (2749032)  
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[30] US (12/860,067) 2010-08-20

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[25] EN  
[54] **CONSTRUCTION MODULUS TESTING APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE D'ESSAIS DE MODULE EN BATIMENT**  
[72] WISSMANN, KORD J., US  
[72] HILDRETH, JOHN, US  
[72] SHERLOCK, BARRY, US  
[73] GEOPIER FOUNDATION COMPANY, INC., US  
[73] UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE, US  
[85] 2011-07-07  
[86] 2010-01-08 (PCT/US2010/020412)  
[87] (WO2010/080941)  
[30] US (61/143,576) 2009-01-09

[11] **2,754,589**  
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[25] EN  
[54] **STEROID COMPOUND**  
[54] **COMPOSE STEROIDE**  
[72] ISHII, TAKAYUKI, JP  
[73] MIKASA SEIYAKU CO., LTD., JP  
[85] 2011-09-06  
[86] 2010-03-08 (PCT/JP2010/054269)  
[87] (WO2010/104187)  
[30] JP (2009-055172) 2009-03-09

[11] **2,756,122**  
[13] C

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[54] **MASCARA COMPOSITIONS AND METHOD FOR TREATING LASHES**  
[54] **COMPOSITIONS DE MASCARA ET PROCEDE DE TRAITEMENT DES CILS**  
[72] FRIEL, FRANCIS MARTIN, US  
[72] TING-JENULIS, ARLENE G., US  
[72] TABAKMAN, TATYANA R., US  
[72] CASTRO, JOHN R., US  
[73] ELC MANAGEMENT LLC, US  
[85] 2011-09-21  
[86] 2010-03-12 (PCT/US2010/027134)  
[87] (WO2010/117552)  
[30] US (12/414,816) 2009-03-31

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[13] C

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[25] EN  
[54] **MULTI-APPLICATOR PACKAGE WITH SINGLE HANDLE**  
[54] **ENSEMBLE A PLUSIEURS APPLICATEURS AVEC UNE SEULE POIGNEE**  
[72] BOUIX, HERVE F., US  
[72] THAYER, JONATHAN T., US  
[72] JACOB, CHRISTOPHE, FR  
[73] ELC MANAGEMENT LLC, US  
[85] 2011-09-21  
[86] 2010-03-31 (PCT/US2010/029315)  
[87] (WO2010/117832)  
[30] US (12/415,160) 2009-03-31

[11] **2,757,797**  
[13] C

- [51] **Int.Cl. A47B 1/00 (2006.01) A47B 3/00 (2006.01) A47B 85/00 (2006.01)**  
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[54] **PORTABLE ASSEMBLY TYPE FLAT BENCH**  
[54] **BANC PLAT PORTABLE DE TYPE A ASSEMBLER**  
[72] JEONG, EUN-JI, KR  
[73] JUNG, JAE-WEON, KR  
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[87] (WO2010/117144)  
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[11] **2,758,244**  
[13] C

- [51] **Int.Cl. E04B 1/344 (2006.01) B60P 3/022 (2006.01) E04B 1/343 (2006.01)**  
[25] EN  
[54] **ASSEMBLY SYSTEM FOR MODULAR BUILDING UNITS**  
[54] **SYSTEME D'ASSEMBLAGE POUR UNITES DE CONSTRUCTION MODULAIRES**  
[72] BOWRON, JULIAN, CA  
[73] FEATURE WALTERS, CA  
[86] (2758244)  
[87] (2758244)  
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[11] **2,759,236**  
[13] C

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[25] EN  
[54] **FILTER ASSEMBLY WITH SEALED, MAGNETICALLY COUPLED CLEANING HEAD ACTUATOR**  
[54] **ENSEMBLE DE FILTRAGE A TETE DE NETTOYAGE SCELLEE ACTIONNEE PAR COUPLAGE MAGNETIQUE**  
[72] IMANSE, CRAIG LEE, US  
[72] SAYLES, SAMUEL CLAY, US  
[73] EATON INDUSTRIES MANUFACTURING GMBH, CH  
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[54] **SMART CARD ADAPTOR**  
[54] **ADAPTATEUR DE CARTE INTELLIGENTE**  
[72] BROWN, MICHAEL K., CA  
[72] BROWN, MICHAEL S., CA  
[72] KIRKUP, MICHAEL G., CA  
[73] RESEARCH IN MOTION LIMITED, CA  
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[54] **IMPROVED CARBON CAPTURE IN FERMENTATION**  
[54] **AMELIORATION DE LA CAPTURE DU CARBONE DANS UN PROCESSUS DE FERMENTATION**  
[72] OAKLEY, SIMON DAVID, NZ  
[73] LANZATECH NEW ZEALAND LIMITED, NZ  
[85] 2011-10-25  
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[54] **MODULAR LIQUID STORAGE TANKS**  
[54] **RESERVOIRS DE STOCKAGE DE LIQUIDE**  
[72] SARAN, NAVROOP, CA  
[72] LIEB, JOHN, US  
[73] INTERNATIONAL TEMPTANKS CORP., CA  
[86] (2767354)  
[87] (2767354)  
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[54] **REVERSIBLE ROD TONG ASSEMBLY**  
[54] **ENSEMBLE DE TIGES REVERIBLES**  
[72] PETTIT, JOHN, US  
[73] WEATHERFORD/LAMB, INC., US  
[86] (2768312)  
[87] (2768312)  
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[25] EN  
[54] **A SLIDING DOOR ASSEMBLY**  
[54] **ENSEMBLE PORTE COULISSANTE**  
[72] CHUBB, RICHARD A., US  
[72] WEARSCH, RALPH R., US  
[73] THERMOSEAL INDUSTRIES, L.L.C., US  
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[25] EN  
[54] **LINE CURRENT DIFFERENTIAL PROTECTION UPON LOSS OF AN EXTERNAL TIME REFERENCE**  
[54] **PROTECTION DIFFERENTIELLE DE COURANT DE PHASE LORS DE PERTE DE REFERENCE TEMPORELLE EXTERIEURE**  
[72] KASZTENNY, BOGDAN Z., CA  
[72] FISCHER, NORMANN, US  
[72] ANDERSON, LUTHER S., US  
[73] SCHWEITZER ENGINEERING LABORATORIES, INC., US  
[85] 2012-03-16  
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[54] **TRAILER HITCH ASSEMBLY**  
[54] **ENSEMBLE D'ATTELAGE DE REMORQUE**  
[72] TERPSMA, ERIC M., US  
[72] ROE, DAVID O., US  
[72] POLANIC, RICHARD T., US  
[72] BAHNSEN, RUDOLPH A., US  
[73] SAF-HOLLAND, INC., US  
[86] (2772665)  
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[25] EN  
[54] **DISPENSER WITH AN AUTOMATIC PUMP OUTPUT DETECTION SYSTEM**  
[54] **DISTRIBUTEUR AVEC UN SYSTEME DE DETECTION DE SORTIE DE POMPE AUTOMATIQUE**  
[72] REYNOLDS, AARON, US  
[73] GOJO INDUSTRIES, INC., US  
[85] 2012-03-12  
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[13] C

[51] **Int.Cl. G01B 21/32 (2006.01) G06F 17/40 (2006.01)**  
[25] EN  
[54] **DIRECTLY APPLIED READ AND TRANSMIT - DIGITAL STRAIN ENCODER AND DIGITAL LOAD CELL**  
[54] **CODEUR DE CONTRAINTE NUMERIQUE ET DYNAMOMETRE NUMERIQUE A LECTURE ET TRANSMISSION DIRECTEMENT APPLIQUEES**  
[72] RANSON, WILLIAM, US  
[73] DIRECT MEASUREMENTS INC., US  
[85] 2012-03-22  
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[25] EN

[54] **VISION SYSTEM FOR FACILITATING THE AUTOMATED APPLICATION OF DISINFECTANT TO THE TEATS OF DAIRY LIVESTOCK**

[54] **SYSTEME DE VISION FACILITANT L'APPLICATION AUTOMATISEE D'UN DESINFECTANT SUR LES TETINES DE BETAIL LAITIER**

[72] HOFMAN, HENK, NL

[72] VAN DER SLUIS, PETER WILLEM, NL

[72] GROENSMA, YPE, NL

[73] TECHNOLOGIES HOLDINGS CORP., US

[85] 2012-06-08

[86] 2011-08-12 (PCT/US2011/047511)

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[25] EN

[54] **POWER TRANSMISSION DEVICE AND POWER TRANSMISSION METHOD**

[54] **DISPOSITIF DE TRANSMISSION D'ENERGIE ET PROCEDE DE TRANSMISSION D'ENERGIE**

[72] LOKKINEN, MIKA, FI

[73] PICOTE OY LTD, FI

[85] 2012-08-23

[86] 2011-02-09 (PCT/FI2011/050112)

[87] (WO2011/104432)

[30] FI (20105182) 2010-02-24

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[51] **Int.Cl. E02B 15/04 (2006.01) B01D 17/02 (2006.01) C02F 1/40 (2006.01)**

[25] EN

[54] **SKIMMER, BARGE AND METHODS FOR RECOVERING AND TRANSFERRING HEAVY OIL OR BITUMEN**

[54] **ECREMEUSE, BARGE ET PROCEDE DE RECUPERATION ET DE TRANSFERT DU PETROLE LOURD OU DU BITUME**

[72] HINES, DAVID, CA

[73] 6859194 CANADA LTD., CA

[86] (2791945)

[87] (2791945)

[22] 2011-02-16

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[25] EN

[54] **GOLF BALLS WITH ROTATIONALLY OFFSET DIMPLE PATTERN HALVES**

[54] **BALLES DE GOLF A PATRONS D'ALVEOLES DISPOSES A CONTRESENS DU MOUVEMENT DE ROTATION SUR LA MOITIE D'UN SECTEUR**

[72] FITCHETT, DEREK A., US

[72] NEWBURY, PETER, US

[73] NIKE INTERNATIONAL LTD., US

[86] (2793171)

[87] (2793171)

[22] 2011-07-19

[62] 2,746,597

[30] US (12/860,313) 2010-08-20

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[13] C

[51] **Int.Cl. B01D 53/02 (2006.01) B01D 53/34 (2006.01) B01D 53/64 (2006.01)**

[25] EN

[54] **METHODS FOR REMOVAL OF MERCURY FROM FLUE GAS**

[54] **PROCEDES POUR L'ELIMINATION DU MERCURE DE GAZ DE CARNEAU**

[72] HAYDEN, RICHARD A., US

[72] POLLACK, NICHOLAS R., US

[73] CALGON CARBON CORPORATION, US

[85] 2012-10-05

[86] 2011-04-07 (PCT/US2011/031638)

[87] (WO2011/127323)

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[51] **Int.Cl. G01G 19/10 (2006.01) B66F 9/075 (2006.01) B66F 17/00 (2006.01) E02F 9/26 (2006.01) G01C 21/34 (2006.01)**

[25] EN

[54] **LOAD-MEASURING, FLEET ASSET TRACKING AND DATA MANAGEMENT SYSTEM FOR LOAD-LIFTING VEHICLES**

[54] **MESURE DE CHARGE, SUIVI DE LA FLOTTE ET SYSTEME DE GESTION DE DONNEES POUR VEHICULES ELEVATEURS DE CHARGES**

[72] EPPERT, DAVID AARON, CA

[73] DEPLOY TECHNOLOGIES INC., CA

[85] 2012-12-06

[86] 2012-05-11 (PCT/CA2012/050313)

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June 30, 2013 to July 6, 2013

## Demandes canadiennes mises à la disponibilité du public

30 juin 2013 au 6 juillet 2013

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[13] A1  
[51] **Int.Cl. C09K 8/532 (2006.01)**  
[25] EN  
[54] **SULFUR SOLVENT COMPOSITIONS, METHODS FOR REMOVING SULFUR DEPOSITS AND PROCESSES FOR MAKING SULFUR SOLVENT COMPOSITIONS**  
[54] **COMPOSITIONS DE SOLVANT DE SOUFRE, PROCEDES D'ELIMINATION DES DEPOTS DE SOUFFRE ET PROCEDES DE FABRICATION DE COMPOSITIONS DE SOLVANT DE SOUFRE**  
[72] LIU, QIANG, CA  
[72] GREY, ROGER DALE, CA  
[71] BRENNTAG CANADA INC., CA  
[22] 2011-12-30  
[41] 2013-06-30

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[13] A1  
[51] **Int.Cl. A63B 59/14 (2006.01) B29C 70/00 (2006.01)**  
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[54] **HOCKEY STICK BLADE**  
[54] **LAME DE BATON DE HOCKEY**  
[72] JEANNEAU, PHILIPPE, CA  
[71] SPORT MASKA INC., CA  
[22] 2011-12-30  
[41] 2013-06-30

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[13] A1  
[51] **Int.Cl. E04C 1/00 (2006.01) E04B 1/64 (2006.01) E04B 2/16 (2006.01)**  
[25] EN  
[54] **MASONRY UNIT SYSTEMS AND METHODS**  
[54] **SYSTEMES ET PROCEDES D'UNITE DE MACONNERIE**  
[72] D'AVELA, CANAN, US  
[71] CONCRETE PRODUCTS GROUP LLC, US  
[22] 2011-12-30  
[41] 2013-06-30

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[13] A1  
[51] **Int.Cl. E05C 9/00 (2006.01) E05B 63/00 (2006.01)**  
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[54] **THUMB OPERATED DOOR LOCK ASSEMBLY**  
[54] **VERROU DE PORTE ACTIONNE PAR LE POUCE**  
[72] HUML, JAN M., US  
[71] G-U HARDWARE, INC., US  
[22] 2011-12-30  
[41] 2013-06-30

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[13] A1  
[51] **Int.Cl. B29B 13/10 (2006.01)**  
[25] EN  
[54] **RIBBON REMOVAL MACHINE**  
[54] **MACHINE DE RETRAIT DE RUBANS**  
[72] MCCAUSLAND, PAUL ROBERT, CA  
[71] MCCAUSLAND, PAUL ROBERT, CA  
[22] 2011-12-30  
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[13] A1  
[51] **Int.Cl. B60P 7/04 (2006.01) B62D 33/02 (2006.01)**  
[25] EN  
[54] **SELF-RECALLING TRUCK TARP**  
[54] **BACHE DE CAMION A RAPPEL AUTOMATIQUE**  
[72] STUHL, JACK, CA  
[71] STUHL, JACK, CA  
[22] 2012-01-05  
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[13] A1  
[51] **Int.Cl. F24F 13/20 (2006.01) E04F 17/02 (2006.01)**  
[25] EN  
[54] **VENT COVER**  
[54] **COUVERCLE D'EVENET**  
[72] SAVCHENKO, OLEKSIY, CA  
[72] CZYZ, JAROSLAW A., CA  
[71] PUMPWELL SOLUTIONS LTD., CA  
[22] 2012-01-05  
[41] 2013-07-05

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[13] A1  
[51] **Int.Cl. B65G 69/28 (2006.01)**  
[25] EN  
[54] **DOCK LEVELER SEALING SYSTEMS**  
[54] **SYSTEMES DE SCHELEMENT DE DISPOSITIF DE MISE A NIVEAU POUR QUAI**  
[72] EUNGARD, WILLIAM C., US  
[71] 4FRONT ENGINEERED SOLUTIONS, INC., US  
[22] 2012-01-05  
[41] 2013-07-03  
[30] US (13/342,824) 2012-01-03

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[13] A1  
[51] **Int.Cl. B27B 21/00 (2006.01) B25H 1/06 (2006.01) F16M 11/24 (2006.01)**  
[25] EN  
[54] **HEAVY DUTY, KNOCK-DOWN SAWHORSE WITH LEVELING CAPABILITY**  
[54] **CHEVALET DE SCIAGE DEMONTABLE ROBUSTE AVEC CAPACITE DE NIVELLEMENT**  
[72] ESPOSITO, PETER, CA  
[71] ESPOSITO, PETER, CA  
[22] 2012-01-05  
[41] 2013-07-05

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[13] A1

[51] **Int.Cl. F21V 1/10 (2006.01) H05B 37/00 (2006.01)**  
[25] EN  
[54] **LAMP WITH VARIABLE FLICKERING FREQUENCY**  
[54] **LAMPE A FREQUENCE D'OSCILLATION VARIABLE**  
[72] LEONARD, JOHN-MARK, CA  
[71] LEONARD, JOHN-MARK, CA  
[22] 2012-01-09  
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[30] US (13/341,790) 2011-12-30

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[25] EN  
[54] **LAMINATE QUARTER PANEL FOR SKATE BOOT AND SKATE BOOT FORMED THEREWITH**  
[54] **QUART DE PANNEAU EN STRATIFIE POUR CHAUSSURE POUR PATIN ET CHAUSSURE DE PATIN FORMEE A PARTIR DE CELUI-CI**  
[72] KOYESS, PHILIPPE, CA  
[72] CHRETIEN, ALEXANDRE, CA  
[71] SPORT MASKA INC., CA  
[22] 2012-01-06  
[41] 2013-07-06

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[21] **2,763,510**  
[13] A1

[51] **Int.Cl. B62D 1/22 (2006.01)**  
[25] EN  
[54] **SPHERICAL HANDLE ATTACHED IN THE STEERING WHEEL**  
[54] **POIGNEE SPHERIQUE FIXEE DANS LE VOLANT**  
[72] QIN, HAO, CA  
[71] QIN, HAO, CA  
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[13] A1

[51] **Int.Cl. G03B 37/00 (2006.01)**  
[25] FR  
[54] **PANORAMIC CAMERA**  
[54] **CAMERA PANORAMIQUE**  
[72] ARTONNE, JEAN-CLAUDE, CA  
[71] 9237-7167 QUEBEC INC., CA  
[22] 2012-01-06  
[41] 2013-07-06

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[21] **2,763,657**  
[13] A1

[51] **Int.Cl. G01N 33/84 (2006.01) G01N 31/22 (2006.01) G01N 33/02 (2006.01)**  
[25] EN  
[54] **A DETECTOR OF THE ACIDITY HIDDEN IN LOW ACIDIC PRODUCTS, CALLED DETAC**  
[54] **DETECTEUR DE L'ACIDITE DISSIMULEE DANS DES PRODUITS A FAIBLE ACIDITE, APPELE DETAC**  
[72] GAGNON, ROBERT, CA  
[71] GAGNON, ROBERT, CA  
[22] 2012-01-03  
[41] 2013-07-03

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[21] **2,763,693**  
[13] A1

[51] **Int.Cl. A01N 59/00 (2006.01) A01P 3/00 (2006.01)**  
[25] EN  
[54] **FUNGGONE**  
[54] **FUNGGONE**  
[72] DAVIS, KJERYN, CA  
[71] DAVIS, KJERYN, CA  
[22] 2012-01-04  
[41] 2013-07-04

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[21] **2,763,719**  
[13] A1

[51] **Int.Cl. B62J 9/00 (2006.01) A45F 3/04 (2006.01)**  
[25] EN  
[54] **MICRO RACK AND PANNIER SYSTEM**  
[54] **SYSTEME DE SUPPORT ET DE SACOCHE DE PETITE DIMENSION**  
[72] RAYMAN, PAUL, CA  
[71] RAYMAN, PAUL, CA  
[22] 2012-01-03  
[41] 2013-07-03

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[13] A1

[51] **Int.Cl. F21V 5/04 (2006.01) F21K 99/00 (2010.01) F21S 2/00 (2006.01)**  
[25] EN  
[54] **CUT-OFF LED LENS**  
[54] **LENTILLE DE DIODE ELECTROLUMINESCENTE TRONQUEE**  
[72] GARCIA, JOSEPH, US  
[71] KONINKLIJKE PHILIPS ELECTRONIC N.V., NL  
[22] 2012-01-16  
[41] 2013-06-30  
[30] US (13/340,906) 2011-12-30

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[21] **2,763,916**  
[13] A1

[51] **Int.Cl. B05B 15/04 (2006.01)**  
[25] EN  
[54] **ROTARY ATOMIZER DRIP CONTROL METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL DE CONTROLE D'EGOUTTURES POUR ATOMISEUR ROTATIF**  
[72] LEDEBUHR, RICHARD, US  
[72] HETHERINGTON, MICHAEL H., US  
[71] LEDEBUHR INDUSTRIES, INC., US  
[22] 2012-01-10  
[41] 2013-07-05  
[30] US (13/344,272) 2012-01-05

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[21] **2,764,500**  
[13] A1

[51] **Int.Cl. A47K 10/22 (2006.01) A47K 10/38 (2006.01) B65H 75/00 (2006.01)**  
[25] EN  
[54] **GRAVITY FED PAPER TOWEL HOLDER**  
[54] **PORTE-ROULEAU D'ESSUIE-TOUT A ALIMENTATION PAR GRAVITE**  
[72] CHENG, DENNIS, CA  
[71] UMBRA LLC, US  
[22] 2012-01-19  
[41] 2013-06-30  
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[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04W 92/00 (2009.01) H04L 29/08 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR MANAGING QUALITY OF SERVICE**  
[54] **SYSTEMES ET PROCEDES POUR GERER LA QUALITE DU SERVICE**  
[72] SARKAR, NILANJAN, IN  
[72] HADDAD, BENY, IL  
[71] SANDVINE INCORPORATED ULC, CA  
[22] 2012-02-21  
[41] 2013-06-30  
[30] IN (3885/DEL/2011) 2011-12-30

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[13] A1

[51] **Int.Cl. B08B 3/02 (2006.01) B08B 3/14 (2006.01)**  
[25] EN  
[54] **THREAD CLEANING APPARATUS**  
[54] **APPAREIL DE NETTOYAGE DE FILETS**  
[72] MICHAUD, JASON, CA  
[71] MICHAUD, JASON, CA  
[22] 2012-02-24  
[41] 2013-07-05

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[21] **2,770,729**  
[13] A1

[51] **Int.Cl. B62D 57/02 (2006.01) A63H 11/02 (2006.01)**  
[25] EN  
[54] **CLIMBING VIBRATION-DRIVEN ROBOT**  
[54] **ROBOT GRIMPEUR ENTRAINE PAR VIBRATIONS**  
[72] MIMLITCH, ROBERT H., III, US  
[72] NORMAN, DAVID ANTHONY, US  
[72] WAEGELIN, JEFFREY R., US  
[72] NEEDEL, GREGORY E., US  
[72] LI, GUIJIANG, CN  
[71] INNOVATION FIRST, INC., US  
[22] 2012-03-05  
[41] 2013-06-30  
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[51] **Int.Cl. A61K 31/198 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**  
[25] EN  
[54] **USES OF FORMULATIONS OF THYROID HORMONE ANALOGS AND NANOPARTICULATE FORMS THEREOF TO INCREASE CHEMOSENSITIVITY AND RADIOSENSITIVITY IN TUMOR OR CANCER CELLS**  
[54] **UTILISATIONS DE FORMULATIONS D'ANALOGUES DE L'HORMONE THYROIDIENNE ET DE FORMES NANOPARTICULAIRES DE CELLES-CI POUR AUGMENTER LA CHEMOSENSIBILITE ET LA RADIOSENSIBILITE DANS LES CELLULES TUMORALES OU CANCEREUSES**  
[72] DAVIS, PAUL J., US  
[72] MOUSA, SHAKER A., US  
[71] ORDWAY RESEARCH INSTITUTE, INC., US  
[71] ALBANY COLLEGE OF PHARMACY AND HEALTH SCIENCES, US  
[22] 2012-03-16  
[41] 2013-07-06  
[30] US (13/345,194) 2012-01-06

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[21] **2,776,026**  
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[51] **Int.Cl. B60D 1/01 (2006.01) A01B 59/042 (2006.01)**  
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[54] **HITCH APPARATUS WITH REDUCED WEAR**  
[54] **APPAREIL D'ATTELAGE A USURE REDUITE**  
[72] OLSON, BRIAN R., CA  
[71] POWER PIN INC., CA  
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[21] **2,778,742**  
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[51] **Int.Cl. A63G 31/00 (2006.01) A63G 9/00 (2006.01) A63B 9/00 (2006.01)**  
[25] EN  
[54] **HYBRID PLAY SET**  
[54] **ENSEMBLE DE JEU HYBRIDE**  
[72] KOPP, ROBERT G., US  
[72] VOGLER, MICHAEL R., US  
[72] ANDERSON, TORRENCE, US  
[71] SUNCAST TECHNOLOGIES, LLC, US  
[22] 2012-06-01  
[41] 2013-07-05  
[30] US (13/343,760) 2012-01-05

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[21] **2,782,321**  
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[51] **Int.Cl. E01B 29/32 (2006.01)**  
[25] EN  
[54] **CROSS-TIE PRE-PLATE APPARATUS**  
[54] **APPAREIL DE PRE-PLAQUE A RENFORT TRANSVERSAL**  
[72] STACKHOUSE, RAYMOND W., JR., US  
[71] INTEGRATIVE LOGISTICS AND LEASING LLC, US  
[22] 2012-07-06  
[41] 2013-06-30  
[30] US (12/340,806) 2011-12-30

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[21] **2,789,992**  
[13] A1

[51] **Int.Cl. A61G 5/10 (2006.01) A61G 5/14 (2006.01) A61G 7/10 (2006.01)**  
[25] EN  
[54] **WHEELCHAIR WITH LIFT**  
[54] **FAUTEUIL ROULANT AVEC DISPOSITIF DE LEVAGE**  
[72] PIVATO, EMMA, CA  
[72] TYLER, JONATHAN, CA  
[71] ALEXIS ENTERPRISES LTD., CA  
[22] 2012-09-13  
[41] 2013-06-30  
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[13] A1

[51] **Int.Cl. B64C 27/82 (2006.01) B64C 15/14 (2006.01)**  
[25] EN  
[54] **ROTORCRAFT COUNTER-TORQUE CONTROL ASSEMBLY AND METHOD**  
[54] **PROCEDE ET ENSEMBLE DE CONTROLE DE CONTRE-COUPLE POUR GIRAVION**  
[72] ASHFORD, CURTIS M., US  
[71] THE BOEING COMPANY, US  
[22] 2012-10-23  
[41] 2013-07-03  
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[13] A1

[51] **Int.Cl. H02J 7/00 (2006.01) B60L 11/18 (2006.01) B60R 16/02 (2006.01) B60S 5/00 (2006.01)**  
[25] EN  
[54] **ELECTRICITY TRANSFER SYSTEM AND RELATED SYSTEMS AND METHODS**  
[54] **SYSTEME DE TRANSFERT D'ELECTRICITE, ET SYSTEMES ET PROCEDES CONNEXES**  
[72] KARNER, DONALD B., US  
[72] BEAUREGARD, GARRETT, US  
[71] ECOTALITY, INC., US  
[22] 2012-10-30  
[41] 2013-06-30  
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[13] A1

[51] **Int.Cl. B65G 47/52 (2006.01) B25J 9/18 (2006.01) B25J 19/06 (2006.01)**  
[25] EN  
[54] **METHOD FOR ANTI-COLLISION CONTROL AND THE MANAGEMENT OF PICKING DEVICES WITH SHARED WORKING AREAS IN A PACKAGING LINE**  
[54] **PROCEDE DE COMMANDE ANTICOLLISION ET DE GESTION DE DISPOSITIFS DE CUEILLETTE AVEC ESPACES DE TRAVAIL PARTAGES SUR UNE LIGNE DE CONDITIONNEMENT ET D'EMBALLAGE**  
[72] BELLANTE, DANIELE, IT  
[71] CAMA1 S.P.A., IT  
[22] 2012-10-29  
[41] 2013-06-30  
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[13] A1

[51] **Int.Cl. C09K 5/04 (2006.01) F01K 25/06 (2006.01)**  
[25] EN  
[54] **NON-AZEOTROPIC WORKING FLUID MIXTURES FOR RANKINE CYCLE SYSTEMS**  
[54] **MELANGES DE FLUIDES DE TRAVAIL NON AZEOTROPIQUES POUR SYSTEMES A CYCLE DE RANKINE**  
[72] MAHMOUD, AHMAD M., US  
[72] RADCLIFF, THOMAS D., US  
[72] LEE, JAESEON, US  
[72] LUO, DONG, US  
[72] COGSWELL, FREDERICK J., US  
[71] UNITED TECHNOLOGIES CORPORATION, US  
[22] 2012-11-01  
[41] 2013-07-06  
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[13] A1

[51] **Int.Cl. H04W 88/02 (2009.01) H04B 1/40 (2006.01) H04B 5/00 (2006.01)**  
[25] EN  
[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE WITH NFC COUPLING CIRCUIT AND RELATED METHODS**  
[54] **APPAREIL DE COMMUNICATION SANS FIL MOBILE AVEC CIRCUIT DE COUPLAGE NFC ET METHODES CONNEXES**  
[72] ZHU, LIZHONG, CA  
[72] ZHU, LIBO, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2012-11-23  
[41] 2013-07-06  
[30] EP (12150410.4) 2012-01-06

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[13] A1

[51] **Int.Cl. G01N 21/95 (2006.01)**  
[25] EN  
[54] **METHOD FOR PREDICTING WHETHER A WOOD PRODUCT ORIGINATED FROM A BUTT LOG**  
[54] **PROCEDE PERMETTANT DE DETERMINER SI UN PRODUIT EN BOIS PROVIENT D'UNE BILLE DE PIED**  
[72] GIOVANINI, JOHN N., US  
[72] JONES, JOHN E., III, US  
[72] FLOYD, STANLEY L., US  
[71] WEYERHAEUSER NR COMPANY, US  
[22] 2012-11-26  
[41] 2013-06-30  
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[13] A1

[51] **Int.Cl. H01M 8/24 (2006.01) H01M 8/02 (2006.01)**  
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[54] **FUEL CELL**  
[54] **PILE A COMBUSTIBLE**  
[72] CERCEAU, ARNAUD, FR  
[72] JANNIN, NICOLAS, FR  
[72] MARTEAU, JULIEN, FR  
[71] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES S GEORGES CLAUDE, FR  
[22] 2012-11-23  
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[30] FR (12 50 031) 2012-01-03

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[13] A1

[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/22 (2006.01)**  
[25] EN  
[54] **DOWNHOLE APPARATUS FOR TREATING WELLBORE COMPONENTS, AND METHOD FOR TREATING A WELLBORE**  
[54] **ENSEMBLE DE FOND DE TROU POUR LE TRAITEMENT DE COMPOSANTS DE Puits DE FORAGE ET PROCEDE POUR TRAITER UN Puits DE FORAGE**  
[72] FROST, CAVIN B., US  
[71] ODESSA SEPARATOR, INC., US  
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[41] 2013-07-06  
[30] US (61/583,752) 2012-01-06  
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[13] A1

[51] **Int.Cl. H04W 4/04 (2009.01) H04W 8/26 (2009.01)**  
[25] EN  
[54] **COMMUNICATIONS SYSTEM PROVIDING CALLER IDENTIFICATION FEATURES BASED UPON NEAR FIELD COMMUNICATION AND RELATED METHODS**  
[54] **SYSTEME DE COMMUNICATION OFFRANT DES CARACTERISTIQUES D'IDENTIFICATION D'APPELANT FONDEES SUR LA COMMUNICATION EN CHAMP PROCHE ET PROCEDES CONNEXES**  
[72] BHATNAGAR, PRATEEK, CA  
[72] HILL, THOMAS CASEY, US  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2012-12-04  
[41] 2013-07-06  
[30] EP (12150407.0) 2012-01-06

[21] **2,798,377**  
[13] A1

[51] **Int.Cl. E21B 19/16 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR POSITIONING CONNECTION EQUIPMENT ON A DRILLING RIG**  
[54] **APPAREIL ET PROCEDE POUR POSITIONNER UN EQUIPEMENT DE LIAISON SUR UN APPAREIL DE FORAGE**  
[72] WINTER, BRIAN DANIEL, US  
[71] NATIONAL OILWELL VARCO, L.P., US  
[22] 2012-12-11  
[41] 2013-07-04  
[30] GB (12 000 47.7) 2012-01-04

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[13] A1

[51] **Int.Cl. F15B 13/00 (2006.01) F15B 3/00 (2006.01)**  
[25] EN  
[54] **HYDRAULIC DRIVE FOR A PRESSURE BOOSTER**  
[54] **ENTRAINEMENT HYDRAULIQUE POUR UN DISPOSITIF D'AMPLIFICATION DE PRESSION**  
[72] TRIEB, FRANZ, AT  
[72] STUEHLINGER, RENE, AT  
[72] MODERER, RENE, AT  
[71] BHDT GMBH, AT  
[22] 2012-12-12  
[41] 2013-06-30  
[30] AT (A 1909/2011) 2011-12-30

[21] **2,798,464**  
[13] A1

[51] **Int.Cl. E01H 5/06 (2006.01) E02F 3/815 (2006.01)**  
[25] EN  
[54] **PLOW BLADE ASSEMBLY**  
[54] **ENSEMBLE DE LAME DE SOC**  
[72] DIEHL, TIMOTHY JAMES, US  
[72] MANWAY, TERRY ALAN, US  
[72] ROSS, STEPHEN MICHAEL, US  
[72] RAFFENSBERGER, PRESTON RUSSELL, US  
[72] FOUSER, KENNETH DOUGLAS, US  
[71] KENNAMETAL INC., US  
[22] 2012-12-12  
[41] 2013-07-06  
[30] US (13/345,226) 2012-01-06

[21] **2,798,545**  
[13] A1

[51] **Int.Cl. H04B 17/00 (2006.01) H04W 16/22 (2009.01) G06Q 50/06 (2012.01) G06Q 50/30 (2012.01) H02J 13/00 (2006.01)**  
[25] EN  
[54] **SMART GRID DEPLOYMENT SIMULATOR**  
[54] **SIMULATEUR DE DEPLOIEMENT DE RESEAU ELECTRIQUE INTELLIGENT**  
[72] PARMAR, VAIBHAV, US  
[72] TALAVERA, GUSTAVO, US  
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE  
[22] 2012-12-05  
[41] 2013-07-04  
[30] US (13/343,547) 2012-01-04

[21] **2,798,639**  
[13] A1

[51] **Int.Cl. B60G 11/16 (2006.01) F16F 1/12 (2006.01)**  
[25] EN  
[54] **SPRING SEAT**  
[54] **SIEGE A RESSORT**  
[72] UEMORI, KOSUKE, JP  
[72] ABE, KAZUNORI, JP  
[71] HONDA MOTOR CO., LTD., JP  
[22] 2012-12-11  
[41] 2013-07-05  
[30] JP (2012-000614) 2012-01-05

[21] **2,798,669**  
[13] A1

[51] **Int.Cl. H04W 88/02 (2009.01) G01P 13/02 (2006.01) H01Q 3/00 (2006.01)**  
[25] EN  
[54] **A PORTABLE ELECTRONIC DEVICE FOR REDUCING SPECIFIC ABSORPTION RATE**  
[54] **DISPOSITIF ELECTRONIQUE PORTATIF SERVANT A REDUIRE UN TAUX D'ABSORPTION PARTICULIER**  
[72] GERIS, RYAN ALEXANDER, CA  
[72] BERNARD, CHRISTOPHER DAVID, CA  
[72] MARCHAND, RENE PIERRE, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2012-12-12  
[41] 2013-07-05  
[30] EP (12150261.1) 2012-01-05

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[13] A1

[51] **Int.Cl. A61B 5/053 (2006.01) A61B 5/04 (2006.01) A61B 18/14 (2006.01)**  
[25] EN  
[54] **CONTACT ASSESSMENT BASED ON PHASE MEASUREMENT**  
[54] **EVALUATION DE CONTACT FONDE SUR LA MESURE DE PHASE**  
[72] GOVARI, ASSAF, IL  
[72] ALTMANN, ANDRES CLAUDIO, IL  
[72] EPHRATH, YARON, IL  
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL  
[22] 2012-12-17  
[41] 2013-07-04  
[30] US (13/343,024) 2012-01-04

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[13] A1

[51] **Int.Cl. B64D 15/20 (2006.01) G08B 19/02 (2006.01)**  
[25] EN  
[54] **SUPERCOOLED LARGE DROP ICING CONDITION DETECTION SYSTEM**  
[54] **SYSTEME DE DETECTION DE CONDITIONS DE GIVRAGE EN PRESENCE DE GROSSES GOUTTES D'EAU SURFONDUE**  
[72] MEIS, CHARLES STEVEN, US  
[72] BOSETTI, CRIS KEVIN, US  
[71] THE BOEING COMPANY, US  
[22] 2012-12-18  
[41] 2013-07-05  
[30] US (13/344,144) 2012-01-05  
[30] US (13/414,894) 2012-03-08

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[13] A1

[51] **Int.Cl. F16M 13/02 (2006.01) A47G 29/08 (2006.01) B44F 11/00 (2006.01)**  
[25] EN  
[54] **MEMENTO METHODS**  
[54] **METHODES DES SOUVENIRS**  
[72] KOCH, MELISSA, US  
[71] KOCH, MELISSA, US  
[22] 2012-12-18  
[41] 2013-07-04  
[30] US (13/247,993) 2012-01-04

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[13] A1

[51] **Int.Cl. A61B 19/00 (2006.01) A61B 5/0408 (2006.01) A61B 17/00 (2006.01) A61B 18/14 (2006.01) A61M 25/01 (2006.01) A61M 25/092 (2006.01)**  
[25] EN  
[54] **MEDICAL DEVICE CONTROL HANDLE WITH MULTIPLE PULLER WIRES**  
[54] **POIGNEE DE COMMANDE DE DISPOSITIF MEDICAL AVEC FILS DE TIRAGE MULTIPLES**  
[72] CAPLES, DENNIS C., US  
[72] DATTA, KESHAVA, US  
[72] PENDEKANTI, RAJESH, US  
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL  
[22] 2012-12-19  
[41] 2013-06-30  
[30] US (13/341,840) 2011-12-30

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[13] A1

[51] **Int.Cl. A47B 96/20 (2006.01) A47B 77/00 (2006.01) A47B 96/00 (2006.01) F16B 5/06 (2006.01) F16B 12/00 (2006.01)**  
[25] EN  
[54] **RESISTANT SINK BASE CABINET**  
[54] **MEUBLE DE BASE POUR EVIER RESISTANT**  
[72] DENEWETH, DONALD, US  
[72] LAFFERTY, SHANNON, US  
[72] BROZINA, CHRIS, CA  
[71] MASCO CABINETS LLC, US  
[22] 2012-12-19  
[41] 2013-07-06  
[30] US (13/344,967) 2012-01-06

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[13] A1

[51] **Int.Cl. F16L 3/10 (2006.01) F02C 7/00 (2006.01) H01B 7/00 (2006.01)**  
[25] EN  
[54] **MOUNTING DEVICE AND METHOD OF ASSEMBLING THE SAME**  
[54] **DISPOSITIF DE FIXATION ET SA METHODE D'ASSEMBLAGE**  
[72] COX, ADAM BENJAMIN, US  
[72] OWENS, WILLIAM WARD, US  
[72] MARKERT, BRUCE D., US  
[71] UNISON INDUSTRIES, LLC, US  
[22] 2012-12-20  
[41] 2013-06-30  
[30] US (13/341,326) 2011-12-30

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[13] A1

[51] **Int.Cl. A61H 9/00 (2006.01) A61H 33/00 (2006.01) A61H 35/00 (2006.01)**  
[25] EN  
[54] **MESSAGE APPARATUS FOR JETTED SPAS**  
[54] **APPAREIL DE MASSAGE POUR SPAS A JET**  
[72] JUTRAS, JEAN-PIERRE, CA  
[72] BARABAS, JULIANNA, CA  
[71] SPARTNER ACCESSORIES INC., CA  
[22] 2012-12-21  
[41] 2013-07-06  
[30] US (61/583,983) 2012-01-06

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[21] **2,799,728**  
[13] A1

[51] **Int.Cl. H05K 3/02 (2006.01) A61F 2/16 (2006.01) H01R 12/00 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS TO FORM ELECTRICAL INTERCONNECTS ON OPHTHALMIC DEVICES**  
[54] **PROCEDES ET APPAREIL POUR FORMER DES INTERCONNEXIONS ELECTRIQUES SUR DES DISPOSITIFS OPHTALMIQUES**  
[72] PUGH, RANDALL B., US  
[72] OTTS, DANIEL B., US  
[72] PANDOJIRAO-S, PRAVEEN, US  
[72] TONER, ADAM, US  
[72] RIALI, JAMES DANIEL, US  
[72] KERNICK, EDWARD R., US  
[72] BEATON, STEPHEN R., US  
[72] FLITSCH, FREDERICK A., US  
[71] JOHNSON & JOHNSON VISION CARE, INC., US  
[22] 2012-12-19  
[41] 2013-07-06  
[30] US (13/687,073) 2012-11-28  
[30] US (61/583,693) 2012-01-06

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[21] **2,799,742**  
[13] A1

[51] **Int.Cl. G01K 1/12 (2006.01) F02C 9/00 (2006.01)**  
[25] EN  
[54] **TEMPERATURE SENSING DEVICE AND METHOD OF ASSEMBLING THE SAME**  
[54] **DISPOSITIF DE DETECTION DE LA TEMPERATURE ET SON PROCEDE D'ASSEMBLAGE**  
[72] PARSONS, JOHN PATRICK, US  
[71] UNISON INDUSTRIES, LLC, US  
[22] 2012-12-20  
[41] 2013-06-30  
[30] US (13/341,268) 2011-12-30

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[21] **2,799,759**  
[13] A1

[51] **Int.Cl. E21B 10/567 (2006.01) E21B 10/46 (2006.01)**  
[25] EN  
[54] **DIAMOND ENHANCED DRILLING INSERT WITH HIGH IMPACT RESISTANCE**  
[54] **ACCESSOIRE DE PERCAGE RENFORCE AU DIAMANT A HAUTE RESISTANCE AU CHOC**  
[72] FANG, YI, US  
[72] HORMAN, SCOTT L., US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2012-12-21  
[41] 2013-06-30  
[30] US (61/581,757) 2011-12-30  
[30] US (13/717,865) 2012-12-18

[21] **2,799,834**  
[13] A1

[51] **Int.Cl. E04D 1/30 (2006.01) E04D 1/22 (2006.01)**  
[25] EN  
[54] **HIP AND RIDGE ROOFING SHINGLE**  
[54] **BARDEAU DE TOITURE POUR PAN DE TOIT ET FAITAGE**  
[72] GRUBKA, LAWRENCE J., US  
[72] FREY, JENNIFER L., US  
[72] YU, HYUN GUN, KR  
[72] SONG, HUN, KR  
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US  
[22] 2012-12-20  
[41] 2013-07-05  
[30] US (13/344,025) 2012-01-05

[21] **2,799,912**  
[13] A1

[51] **Int.Cl. B65D 85/671 (2006.01) A61C 15/04 (2006.01) B65H 61/00 (2006.01) B65H 63/08 (2006.01) B65H 71/00 (2006.01) B65H 75/02 (2006.01)**  
[25] EN  
[54] **DISPENSER FOR MULTI-TEXTURE FLOSS**  
[54] **DISTRIBUTEUR DE SOIE DENTAIRE A TEXTURES MULTIPLES**  
[72] KALBFELD, RUSSELL G., US  
[72] BARCUS, DAVID L., US  
[72] MISNER, CHAD, US  
[71] SUNSTAR AMERICAS, INC., US  
[22] 2012-12-21  
[41] 2013-06-30  
[30] US (13/341,253) 2011-12-30

[21] **2,799,810**  
[13] A1

[51] **Int.Cl. H01R 11/26 (2006.01) F02C 7/00 (2006.01) H01R 13/08 (2006.01) H01R 13/426 (2006.01)**  
[25] EN  
[54] **CONNECTOR ASSEMBLY AND METHOD OF FABRICATING THE SAME**  
[54] **ENSEMBLE DE CONNEXION ET SON PROCEDE DE FABRICATION**  
[72] FARNSWORTH, VICTOR PAUL, US  
[71] UNISON INDUSTRIES, LLC, US  
[22] 2012-12-20  
[41] 2013-06-30  
[30] US (13/341,206) 2011-12-30

[21] **2,799,897**  
[13] A1

[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0482 (2013.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR PRESENTING A POSITION INDICATION FOR A SELECTED ITEM IN A LIST**  
[54] **PROCEDES ET APPAREIL DE PRESENTATION D'UNE INDICATION DE POSITION POUR UN ELEMENT CHOISI DANS UNE LISTE**  
[72] CHEN, HENRY YAO-TSU, CA  
[72] LEUNG, CHUN YIN BRYAN, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2012-12-27  
[41] 2013-06-30  
[30] EP (11196149.6) 2011-12-30

[21] **2,799,917**  
[13] A1

[51] **Int.Cl. H04N 21/8547 (2011.01) H04W 88/02 (2009.01) H04N 21/80 (2011.01) H04N 5/765 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR USE IN PROVIDING OBJECT INDICATORS DURING VIDEO RECORDING OR PLAYBACK**  
[54] **PROCEDES ET APPAREIL A UTILISER POUR FOURNIR DES INDICATEURS D'OBJET DURANT UN ENREGISTREMENT OU UNE LECTURE VIDEO**  
[72] COSKUN, RISVAN, CA  
[72] BANADAKI, SEYED JAFAR SHAFAEEDIN, CA  
[72] MUBAREK, OMER, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2012-12-27  
[41] 2013-06-30  
[30] EP (11196150.4) 2011-12-30

[21] **2,799,826**  
[13] A1

[51] **Int.Cl. E05B 65/00 (2006.01) E05B 59/00 (2006.01) E05B 63/00 (2006.01) E05C 9/00 (2006.01)**  
[25] EN  
[54] **MULTI-POINT LOCK HAVING A FLUSH-MOUNT CYLINDER**  
[54] **SERRURE MULTIPOINT AYANT UN CYLINDRE A MONTAGE AFFLEURANT**  
[72] SCHUBERTH, OLIVER ERICH RUDOLF, IT  
[71] HOPPE HOLDING AG, CH  
[22] 2012-12-20  
[41] 2013-07-03  
[30] US (61/582,685) 2012-01-03  
[30] US (13/713,152) 2012-12-13



**Demandes canadiennes mises à la disponibilité du public  
30 juin 2013 au 6 juillet 2013**

[21] **2,799,964**  
[13] A1

[51] **Int.Cl. H04L 12/26 (2006.01) H04L 9/00 (2006.01)**  
[25] EN  
[54] **MONITORING NETWORK PERFORMANCE REMOTELY**  
[54] **SURVEILLANCE A DISTANCE DE LA PERFORMANCE D'UN RESEAU**  
[72] HSY, JOE PEI-WEN, US  
[72] LAROSE, PIERRE, CA  
[71] BMC SOFTWARE, INC., US  
[22] 2012-12-27  
[41] 2013-06-30  
[30] US (13/341,144) 2011-12-30

[21] **2,799,984**  
[13] A1

[51] **Int.Cl. F01D 9/00 (2006.01) F01D 9/02 (2006.01) F01D 9/04 (2006.01) F01D 25/24 (2006.01)**  
[25] EN  
[54] **STATOR VANE INTEGRATED ATTACHMENT LINER AND SPRING DAMPER**  
[54] **DOUBLURE D~ACCESSOIRE INTEGRE POUR AUBES DE STATOR ET AMORTISSEUR A RESSORT**  
[72] RING, MARK DAVID, US  
[71] UNITED TECHNOLOGIES CORPORATION, US  
[22] 2012-12-21  
[41] 2013-07-05  
[30] US (13/343,784) 2012-01-05

[21] **2,799,999**  
[13] A1

[51] **Int.Cl. F01D 9/00 (2006.01) F01D 9/02 (2006.01) F01D 9/04 (2006.01) F01D 25/24 (2006.01)**  
[25] EN  
[54] **STATOR VANE SPRING DAMPER**  
[54] **AMORTISSEUR A RESSORT POUR AUBES DE STATOR**  
[72] RING, MARK DAVID, US  
[71] UNITED TECHNOLOGIES CORPORATION, US  
[22] 2012-12-21  
[41] 2013-07-05  
[30] US (13/343,808) 2012-01-05

[21] **2,800,001**  
[13] A1

[51] **Int.Cl. F02C 7/36 (2006.01) F01D 25/28 (2006.01) F02C 9/18 (2006.01) F02K 1/06 (2006.01) F02K 1/15 (2006.01)**  
[25] EN  
[54] **GAS TURBINE ENGINE COMPRESSOR ARRANGEMENT**  
[54] **ENSEMBLE DE COMPRESSEUR POUR TURBINE A GAZ**  
[72] SUCIU, GABRIEL L., US  
[72] MERRY, BRIAN D., US  
[72] DYE, CHRISTOPHER M., US  
[72] JOHNSON, STEVEN B., US  
[71] SCHWARZ, FREDERICK M., US  
[71] UNITED TECHNOLOGIES CORPORATION, US  
[22] 2012-12-21  
[41] 2013-06-30  
[30] US (13/340,969) 2011-12-30

[21] **2,800,054**  
[13] A1

[51] **Int.Cl. G08B 21/00 (2006.01)**  
[25] EN  
[54] **ALARM APPARATUS FOR A PILOT'S HEADSET**  
[54] **APPAREIL D'ALARME POUR UN CASQUE D'ECOUTE DE PILOTE**  
[72] STEINMETZ, MARTIN, DE  
[71] ROBERT BOSCH GMBH, DE  
[22] 2012-12-28  
[41] 2013-06-30  
[30] DE (10 2011 090 162.0) 2011-12-30

[21] **2,800,055**  
[13] A1

[51] **Int.Cl. H05B 3/14 (2006.01) B64D 15/12 (2006.01) B64D 43/00 (2006.01) G01C 9/02 (2006.01) G01P 5/165 (2006.01)**  
[25] EN  
[54] **CERAMIC HEATING DEVICE**  
[54] **DISPOSITIF DE CHAUFFAGE EN CERAMIQUE**  
[72] SEATON, JOHN DAVID, GB  
[72] MORTER, CHRISTOPHER MARTIN, GB  
[72] WISE, PETER LEONARD, GB  
[72] ROBERTS, MICHAEL JOHN, GB  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2012-12-28  
[41] 2013-07-04  
[30] US (13/343,116) 2012-01-04

[21] **2,800,075**  
[13] A1

[51] **Int.Cl. F16H 21/00 (2006.01) B64C 25/18 (2006.01) B64C 25/24 (2006.01) F16B 7/10 (2006.01)**  
[25] EN  
[54] **ELECTRICAL ACTUATOR INCORPORATING A FREE PLAY MECHANISM TO ELIMINATE FORCE FIGHTING**  
[54] **ACTIONNEUR ELECTRIQUE INTEGRANT UN MECANISME DE JEU DE GARDE POUR ELIMINER LA RESISTANCE MUTUELLE**  
[72] EVANS, ROYSTON ALAN, GB  
[72] TIERNEY, MALCOLM OLIVER, GB  
[71] GE AVIATION SYSTEMS LIMITED, GB  
[22] 2012-12-28  
[41] 2013-07-06  
[30] GB (1200181.4) 2012-01-06

[21] **2,800,081**  
[13] A1

[51] **Int.Cl. H02J 1/00 (2006.01) H02J 5/00 (2006.01) H02J 15/00 (2006.01)**  
[25] FR  
[54] **HETEROGENEOUS, MULTIPLE INPUT ELECTRICAL SUPPLY SYSTEM**  
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE A ENTREE MULTIPLE HETEROGENE**  
[72] TAURAND, CHRISTOPHE, FR  
[72] MOLLOV, STEFAN, FR  
[71] THALES, FR  
[22] 2012-12-21  
[41] 2013-06-30  
[30] FR (11 04157) 2011-12-30

**Canadian Applications Open to Public Inspection  
June 30, 2013 to July 6, 2013**

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[21] **2,800,086**  
[13] A1

[51] **Int.Cl. G01S 13/06 (2006.01) B65F 3/02 (2006.01) B66F 9/075 (2006.01) G01S 13/74 (2006.01) G01S 13/75 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR DETERMINING WHETHER AN OBJECT IS LOCATED WITHIN A REGION OF INTEREST**

[54] **SYSTEME ET PROCEDE POUR DETERMINER SI UN OBJET EST SITUE DANS UNE REGION D'INTERET**

[72] IAGOUNOV, OLEG, CA  
[72] FERGUSON, DON, CA  
[71] LYNGSOE SYSTEMS LIMITED, CA  
[22] 2012-12-27  
[41] 2013-06-30  
[30] US (13/341,159) 2011-12-30

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[21] **2,800,123**  
[13] A1

[51] **Int.Cl. A63B 71/06 (2006.01) G04G 99/00 (2010.01)**

[25] EN

[54] **ATHLETIC WATCH**

[54] **MONTRE D'ATHLETISME**

[72] BROWN, MILES W., US  
[72] RICE, JORDON M., US  
[72] WEAST, AARON B., US  
[72] CAPOZZI, MATTHEW V., US  
[72] HOFFMAN, MICHAEL T., US  
[72] LAKOVIC, TOMISLAV, US  
[71] NIKE INTERNATIONAL LTD., US  
[22] 2012-12-27  
[41] 2013-07-04  
[30] US (13/343,687) 2012-01-04

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[21] **2,800,129**  
[13] A1

[51] **Int.Cl. H01G 9/042 (2006.01) C08K 3/04 (2006.01) C08L 29/04 (2006.01) C08L 33/02 (2006.01) H01G 9/145 (2006.01)**

[25] FR

[54] **CARBONATED ELECTRODE COMPOSITION FOR A SUPERCAPACITOR, ELECTRODE, ITS FABRICATION PROCESS AND CELL THEREOF**

[54] **COMPOSITION CARBONEE POUR ELECTRODE DE CELLULE DE SUPERCONDENSATEUR, ELECTRODE, SON PROCEDE DE FABRICATION ET CELLULE L'INCORPORANT**

[72] DUFOUR, BRUNO, FR  
[72] AYME-PERROT, DAVID, FR  
[72] DIEUDONNE, MARIE, FR  
[72] SONNTAG, PHILIPPE, FR  
[71] HUTCHINSON, FR  
[22] 2012-12-19  
[41] 2013-07-06  
[30] FR (12 50 171) 2012-01-06

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[21] **2,800,191**  
[13] A1

[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01)**

[25] EN

[54] **CO2 CAPTURE SYSTEM BY CHEMICAL ABSORPTION**

[54] **SYSTEME DE CAPTAGE DE CO2 PAR ABSORPTION CHIMIQUE**

[72] HOKARI, NOBUYUKI, JP  
[72] ORITA, HISAYUKI, JP  
[72] MUKAIDE, MASAACKI, JP  
[72] SHIMAMURA, JUN, JP  
[72] YOKOYAMA, KOUICHI, JP  
[72] YOSHIDA, NORIKO, JP  
[71] BABCOCK-HITACHI K.K., JP  
[22] 2012-12-28  
[41] 2013-07-06  
[30] JP (2012-000960) 2012-01-06

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[21] **2,800,329**  
[13] A1

[51] **Int.Cl. A61K 31/122 (2006.01) A61P 3/10 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR TREATING DIABETES**

[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DU DIABETE**

[72] LIU, SHENG-YUNG, TW  
[72] WEN, WU-CHE, TW  
[71] GOLDEN BIOTECHNOLOGY CORPORATION, US  
[22] 2012-12-28  
[41] 2013-06-30  
[30] US (61/582,155) 2011-12-30

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[21] **2,800,339**  
[13] A1

[51] **Int.Cl. E01C 9/08 (2006.01)**

[25] EN

[54] **LIGHTWEIGHT SUPPORT MAT FOR EQUIPMENT AND VEHICLES**

[54] **TAPIS DE SOUTIEN LEGER POUR EQUIPEMENT ET VEHICULES**

[72] GUNN, DONALD O., CA  
[71] GUNN, DONALD O., CA  
[22] 2013-01-02  
[41] 2013-07-02  
[30] US (61/582,437) 2012-01-02

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[21] **2,800,357**  
[13] A1

[51] **Int.Cl. B65D 81/24 (2006.01) B65D 65/38 (2006.01) B65D 85/50 (2006.01)**

[25] EN

[54] **MOISTURE-REGULATING ELEMENT FOR USE IN PACKAGING**

[54] **ELEMENT DE REGULATION D'HUMIDITE A UTILISER POUR LE CONDITIONNEMENT**

[72] SCHMIDT, ANDREAS, DE  
[72] TINTCHEV, FILIP, DE  
[71] MCAIRLAID'S VLIESTOFFE GMBH & CO. KG, DE  
[22] 2012-12-28  
[41] 2013-07-02  
[30] DE (20 2012 100 002.4) 2012-01-02

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[21] **2,800,362**  
[13] A1

[51] **Int.Cl. F24F 13/02 (2006.01)**  
[25] EN  
[54] **FIRE-RATED MODULAR DUCT ASSEMBLY SUITABLE FOR EXHAUSTING FLAMMABLE OR HAZARDOUS GASES, VAPOURS AND OTHER MATERIALS**

[54] **ENSEMBLE DE CONDUITS MODULAIRES RESISTANTS AU FEU CONVENANT A L'ELIMINATION DES GAZ, VAPEURS OU AUTRES SUBSTANCES INFLAMMABLES OU DANGEREUX**

[72] DUFFY, WILLIAM CHRISTOPHER, CA  
[71] DURASYSTEMS BARRIERS, INC., CA  
[22] 2012-12-28  
[41] 2013-07-06  
[30] US (13/344,896) 2012-01-06

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[21] **2,800,409**  
[13] A1

[51] **Int.Cl. G01D 7/00 (2006.01) G01N 33/46 (2006.01) G07C 3/14 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MANUALLY CONFIRMING ELECTRONICALLY STORED INFORMATION REGARDING A PIECE OF LUMBER**

[54] **APPAREIL ET PROCEDURE POUR CONFIRMER MANUELLEMENT DES DONNEES STOCKEES ELECTRONIQUEMENT AU SUJET D'UNE PIECE DE BOIS D'OEUVRE**

[72] CONRY, PAT, US  
[72] RAYBON, CHRIS, US  
[72] KENNEDY, RUSSELL R., US  
[71] BAXLEY EQUIPMENT CO., US  
[22] 2013-01-02  
[41] 2013-07-03  
[30] US (61/582,538) 2012-01-03

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[21] **2,800,418**  
[13] A1

[51] **Int.Cl. B01D 46/10 (2006.01)**  
[25] EN  
[54] **V-BANK FILTER ASSEMBLY WITH REPLACEABLE FILTERS**

[54] **ENSEMBLE DE BATTERIE EN V DE FILTRES AVEC FILTRES REMPLACABLES**

[72] GORMAN, JOSEPH J., US  
[71] CAMFIL FARR, INC., US  
[22] 2013-01-02  
[41] 2013-07-02  
[30] US (61/582,422) 2012-01-02

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[21] **2,800,419**  
[13] A1

[51] **Int.Cl. A61B 5/107 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING BIOMETRICS OF OBJECT**

[54] **PROCEDURE ET APPAREIL POUR MESURER LA BIOMETRIE D'UN OBJET**

[72] JUNG, HAE-KYUNG, KR  
[72] YOON, HEE-CHUL, KR  
[72] LEE, HYUN-TAEK, KR  
[72] KIM, YONG-JE, KR  
[72] KIM, JAE-HYUN, KR  
[72] EOM, MYUNG-JIN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 2013-01-02  
[41] 2013-07-04  
[30] KR (10-2012-0001150) 2012-01-04

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[21] **2,800,421**  
[13] A1

[51] **Int.Cl. H05K 11/00 (2006.01) H04H 40/18 (2009.01) H04W 88/02 (2009.01) H01Q 9/30 (2006.01) H04B 1/18 (2006.01) H04R 1/10 (2006.01)**  
[25] EN  
[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE USING WIRED HEADSET AS AN ANTENNA AND RELATED METHODS**

[54] **APPAREIL DE COMMUNICATION MOBILE SANS FIL UTILISANT UN CASQUE D'ECOUTE CABLE A TITRE D'ANTENNE ET PROCEDES CONNEXES**

[72] MANKARUSE, GEORGE SOLIMAN, CA  
[72] SHAKER, GEORGE, CA  
[72] POULSEN, JENS KRISTIAN, CA  
[72] SANGARY, NAGULA THARMA, CA  
[72] JARMUSZEWSKI, PERRY, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2013-01-02  
[41] 2013-07-06  
[30] EP (12150411.2) 2012-01-06

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[21] **2,800,422**  
[13] A1

[51] **Int.Cl. G01V 1/34 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR DE-BLENDING SIMULTANEOUS SHOOTING DATA**

[54] **DISPOSITIF ET PROCEDURE POUR SEPARER DES DONNEES DE TIRS SIMULTANES**

[72] POOLE, GORDON, FR  
[71] CGGVERITAS SERVICES SA, FR  
[22] 2013-01-03  
[41] 2013-07-06  
[30] US (13/345,113) 2012-01-06

**Canadian Applications Open to Public Inspection  
June 30, 2013 to July 6, 2013**

[21] **2,800,423**  
[13] A1

[51] **Int.Cl. H01L 31/042 (2006.01) E04D 13/18 (2006.01) E04D 15/00 (2006.01)**  
[25] EN  
[54] **PHOTOVOLTAIC ROOFING ELEMENTS AND PHOTOVOLTAIC ROOFING SYSTEMS**  
[54] **ELEMENTS DE TOITURE PHOTOVOLTAIQUES ET SYSTEMES DE TOITURE PHOTOVOLTAIQUES**  
[72] JENKINS, ROBERT L., US  
[72] FISHER, CHRISTOPHER C., US  
[71] CERTAINTEED CORPORATION, US  
[22] 2013-01-02  
[41] 2013-07-03  
[30] US (61/582,509) 2012-01-03

[21] **2,800,425**  
[13] A1

[51] **Int.Cl. G01V 1/36 (2006.01)**  
[25] EN  
[54] **SURFACE-CONSISTENT AMPLITUDE AND DECONVOLUTION SIMULTANEOUS JOINED INVERSION**  
[54] **AMPLITUDE DE SURFACE ET INVERSION CONJOINTE SIMULTANEE A DECONVOLUTION**  
[72] LE MEUR, DAVID, FR  
[72] GARCERAN, KATIA, FR  
[71] CGGVERITAS SERVICES SA, FR  
[22] 2013-01-03  
[41] 2013-07-05  
[30] US (61/583,236) 2012-01-05

[21] **2,800,431**  
[13] A1

[51] **Int.Cl. F16L 55/053 (2006.01) F16J 12/00 (2006.01) F16L 55/07 (2006.01) F17D 1/20 (2006.01) F24D 3/10 (2006.01)**  
[25] EN  
[54] **EXPANSION TANK WITH MEMBRANE THERMAL PROTECTION**  
[54] **VASE D-EXPANSION AVEC PROTECTION THERMIQUE A MEMBRANE**  
[72] PICHETTE, JEAN, CA  
[71] 2440644 CANADA INC., CA  
[22] 2012-12-20  
[41] 2013-07-05  
[30] US (61/583,329) 2012-01-05

[21] **2,800,434**  
[13] A1

[51] **Int.Cl. G08B 29/20 (2006.01) G08B 13/16 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR AUDIO DETECTOR MODE ACTIVATION**  
[54] **PROCEDE ET SYSTEME POUR ACTIVATION DU MODE DE DETECTION AUDIO**  
[72] SMITH, RICHARD ALAN, US  
[71] HONEYWELL INTERNATIONAL INC., US  
[22] 2013-01-02  
[41] 2013-07-03  
[30] US (13/342,387) 2012-01-03

[21] **2,800,436**  
[13] A1

[51] **Int.Cl. E04D 13/14 (2006.01) E04D 13/18 (2006.01) F24J 2/52 (2006.01)**  
[25] EN  
[54] **ROOFING FLASHING AND USES THEREOF**  
[54] **SOLIN DE TOITURE ET SES UTILISATIONS**  
[72] JENKINS, ROBERT L., US  
[72] KALKANOGLU, HUSNU M., US  
[71] CERTAINTEED CORPORATION, US  
[22] 2013-01-02  
[41] 2013-07-03  
[30] US (61/582,507) 2012-01-03

[21] **2,800,441**  
[13] A1

[51] **Int.Cl. E04H 15/44 (2006.01) E04H 15/28 (2006.01)**  
[25] EN  
[54] **MULTI-FUNCTIONAL INSTANT TENT**  
[54] **TENTE INSTANTANEE MULTIFONCTION**  
[72] JIN, KI HO, CN  
[71] JIN, KI HO, CN  
[22] 2012-12-31  
[41] 2013-07-05  
[30] CN (201220002426.7) 2012-01-05  
[30] US (13/347,828) 2012-01-11

[21] **2,800,454**  
[13] A1

[51] **Int.Cl. A01G 23/093 (2006.01)**  
[25] EN  
[54] **LOG LOADER**  
[54] **GRUE FORESTIERE**  
[72] SINTEK, BRAD A., US  
[72] CROVER, JOSEPH B., US  
[72] GRAY, BRANDON K., US  
[72] HILDEBRANDT, GREG M., US  
[71] PIERCE PACIFIC MANUFACTURING, INC., US  
[22] 2013-01-03  
[41] 2013-07-05  
[30] US (13/344,366) 2012-01-05

[21] **2,800,462**  
[13] A1

[51] **Int.Cl. F21V 29/00 (2006.01) F28D 1/02 (2006.01)**  
[25] EN  
[54] **LIGHT SOURCE APPARATUS**  
[54] **APPAREIL A SOURCE LUMINEUSE**  
[72] KIJIMA, TAKUMI, JP  
[72] KUMANO, KOJI, JP  
[72] SATO, YUKIO, JP  
[72] YABE, MITORU, JP  
[71] MITSUBISHI ELECTRIC CORPORATION, JP  
[22] 2013-01-03  
[41] 2013-07-05  
[30] JP (2012-000403) 2012-01-05

[21] **2,800,464**  
[13] A1

[51] **Int.Cl. F02C 9/18 (2006.01) F01D 25/28 (2006.01) F02C 7/36 (2006.01) F02K 1/06 (2006.01) F02K 1/15 (2006.01)**  
[25] EN  
[54] **GAS TURBINE ENGINE WITH LOW STAGE COUNT LOW PRESSURE TURBINE**  
[54] **TURBINE A GAZ AVEC TURBINE A FAIBLE NOMBRE D'ETAGES ET FAIBLE PRESSION**  
[72] SUCIU, GABRIEL L., US  
[72] MERRY, BRIAN D., US  
[72] DYE, CHRISTOPHER M., US  
[72] JOHNSON, STEVEN B., US  
[72] SCHWARZ, FREDERICK M., US  
[71] UNITED TECHNOLOGIES CORPORATION, US  
[22] 2012-12-21  
[41] 2013-06-30  
[30] US (13/340,988) 2011-12-30

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,800,483**  
 [13] A1

[51] **Int.Cl. C10C 3/00 (2006.01)**  
 [25] EN  
 [54] **OXIDIZED MIXTURE OF BIO-BASED MATERIAL AND ASPHALT, A BIO-BASED ASPHALTIC MATERIAL, AND METHODS OF MAKING THE SAME**

[54] **MELANGE OXYDE DE MATIERE ET D~ASPHALTE D~ORIGINE BIOLOGIQUE, MATIERE ASPHALTIQUE D~ORIGINE BIOLOGIQUE ET PROCEDES POUR LEUR FABRICATION**

[72] KALKANOGLU, HUSNU M., US  
 [72] HONG, KEITH C., US  
 [72] JACOBS, GREGORY F., US  
 [72] RANJAN, RAJESH, US  
 [71] CERTAINTED CORPORATION, US  
 [22] 2012-12-28  
 [41] 2013-06-30  
 [30] US (61/582,324) 2011-12-31

[21] **2,800,540**  
 [13] A1

[51] **Int.Cl. A61J 1/03 (2006.01)**  
 [25] EN  
 [54] **MEDICATION DRAWER AND MEDICATION PACKAGING STRIP**

[54] **TIROIR A MEDICAMENTS ET BANDE DE CONDITIONNEMENT DE MEDICAMENTS**

[72] BARRETT, JOHN TODD, US  
 [72] SCHOVILLE, FRED P., US  
 [71] ADVANTAGE PHARMACY SERVICES LLC, US  
 [22] 2013-01-04  
 [41] 2013-07-05  
 [30] US (61/583296) 2012-01-05

[21] **2,800,543**  
 [13] A1

[51] **Int.Cl. C08L 13/00 (2006.01) C08J 3/20 (2006.01) C08K 3/00 (2006.01) C08K 5/5435 (2006.01)**

[25] EN  
 [54] **RUBBER MIXTURES**  
 [54] **MELANGES DE CAOUTCHOUC**

[72] BLUME, ANKE, DE  
 [72] KARASEWITSCH, EUGENIE, DE  
 [71] EVONIK INDUSTRIES AG, DE  
 [22] 2013-01-04  
 [41] 2013-07-06  
 [30] DE (102012200166.2) 2012-01-06

[21] **2,800,550**  
 [13] A1

[51] **Int.Cl. B01D 53/32 (2006.01) B01D 21/01 (2006.01) B01D 37/03 (2006.01)**

[25] EN  
 [54] **A METHOD TO DECREASE THE AMOUNT OF PARTICULATE MATERIAL SUSPENDED IN AIR OR WATER, COMPRISING THE AGGLOMERATION OF THE SUSPENDED PARTICULATE MATERIAL WITH NEGATIVELY CHARGED EXOPOLYSACCHARIDES**

[54] **METHODE POUR DIMINUER LA QUANTITE DE MATIERE PARTICULAIRE EN SUSPENSION DANS L'AIR OU L'EAU, COMPRENANT L'AGGLOMERATION DE LA MATIERE PARTICULAIRE EN SUSPENSION AVEC DES EXOPOLYSACCHARIDES CHARGES NEGATIVEMENT**

[72] CHAVEZ CROOKER, PAMELA, CL  
 [72] VERA ARAYA, JEANNETTE MARISOL, CL  
 [72] CASTRO PONCE, JORGE ENRIQUE, CL  
 [72] OBREQUE CONTREAS, JOHANNA DEL ROSARIO, CL  
 [71] CULTIVOS HIDROBIOLOGICOS Y BIOTECNOLOGIA AGUAMARINA S.A., CL  
 [22] 2013-01-04  
 [41] 2013-07-06  
 [30] CL (CL 0047-2012) 2012-01-06

[21] **2,800,554**  
 [13] A1

[51] **Int.Cl. C08J 3/20 (2006.01) C08K 5/5419 (2006.01) C08L 3/02 (2006.01)**

[25] EN  
 [54] **SINGLE-PHASE PREPARATION OF HYDROPHOBIC STARCH PRODUCT**

[54] **PREPARATION NE FORMANT QU'UNE SEULE PHASE DE PRODUIT AMYLACE HYDROPHOBE**

[72] BRANNING, SHAWN R., US  
 [72] JOHN, TRACY M., US  
 [72] SHAH, KAMLESH K., US  
 [71] CORN PRODUCTS DEVELOPMENT, INC., US  
 [22] 2013-01-04  
 [41] 2013-07-06  
 [30] US (13/345,237) 2012-01-06

[21] **2,800,598**  
 [13] A1

[51] **Int.Cl. G01N 37/00 (2006.01) G01N 35/00 (2006.01) G06K 9/18 (2006.01)**

[25] EN  
 [54] **SAMPLE INFORMATION DETECTION APPARATUS AND SAMPLE INFORMATION DETECTION METHOD**

[54] **APPAREIL DE DETECTION DE DONNEES D~ECHANTILLON ET PROCEDE DE DETECTION DE DONNEES D~ECHANTILLON**

[72] ITOH, TERUAKI, JP  
 [71] AOI SEIKI CO., LTD., JP  
 [22] 2012-12-31  
 [41] 2013-07-05  
 [30] JP (2012-000544) 2012-01-05

[21] **2,800,621**  
 [13] A1

[51] **Int.Cl. B65G 63/02 (2006.01) B62B 3/04 (2006.01) B65G 1/00 (2006.01) B65G 47/74 (2006.01)**

[25] EN  
 [54] **AUTOMATED LAYER PICKING AND STORAGE SYSTEM**

[54] **PRELEVEMENT DE COUCHE AUTOMATISE ET SYSTEME DE STOCKAGE**

[72] HOFFMAN, ROBERT, US  
 [72] WURLL, CHRISTIAN, US  
 [71] KUKA SYSTEMS CORPORATION NORTH AMERICA, US  
 [22] 2013-01-07  
 [41] 2013-07-06  
 [30] US (61/631,537) 2012-01-06  
 [30] US (13/734,267) 2013-01-04

[21] **2,800,622**  
 [13] A1

[51] **Int.Cl. E05B 47/00 (2006.01) E05B 49/00 (2006.01)**

[25] EN  
 [54] **METHOD FOR OPERATING AN ELECTRONIC LOCK**

[54] **PROCEDE POUR FAIRE FONCTIONNER UN VERROU ELECTRONIQUE**

[72] CHAN, TIEN-FU, TW  
 [72] LU, SHIH-MIN, TW  
 [72] HUANG, LIEN-HSI, TW  
 [71] TAIWAN FU HSING INDUSTRIAL CO., LTD., TW  
 [22] 2013-01-03  
 [41] 2013-07-03  
 [30] TW (101100255) 2012-01-03

**Canadian Applications Open to Public Inspection  
June 30, 2013 to July 6, 2013**

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[21] **2,800,624**  
[13] A1

[51] **Int.Cl. E05B 55/00 (2006.01) E05B 61/00 (2006.01)**  
[25] EN  
[54] **INTEGRATED LOCK AND LATCH DEVICE FOR SLIDING WINDOWS**  
[54] **VERROU INTEGRE ET DISPOSITIF DE VERROUILLAGE POUR FENETRES COULISSANTES**  
[72] WOLF, GLEN W., US  
[72] SUBLISKEY, EDWARD J., US  
[71] TRUTH HARDWARE CORPORATION, US  
[22] 2013-01-03  
[41] 2013-07-03  
[30] US (61/582,609) 2012-01-03  
[30] US (61/600,496) 2012-02-07

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[21] **2,800,646**  
[13] A1

[51] **Int.Cl. G01V 1/28 (2006.01)**  
[25] EN  
[54] **SIMULTANEOUS JOINT ESTIMATION OF THE P-P AND P-S RESIDUAL STATICS**  
[54] **ESTIMATION CONJOINTE SIMULTANEE DES CHARGES STATIQUES RESIDUELLES P-P ET P-S**  
[72] LE MEUR, DAVID, FR  
[72] POULAIN, GUILLAUME, FR  
[71] CGGVERITAS SERVICES SA, FR  
[22] 2013-01-03  
[41] 2013-07-05  
[30] US (61/583,231) 2012-01-05

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[21] **2,800,661**  
[13] A1

[51] **Int.Cl. F21L 4/02 (2006.01) F21V 23/00 (2006.01)**  
[25] EN  
[54] **FIREFIGHTER LIGHT APPARATUS AND METHODS**  
[54] **APPAREIL D'ECLAIRAGE POUR POMPIERS ET PROCEDES**  
[72] DEIGHTON, KEVIN, US  
[72] KANG, SUKWON, US  
[72] TANG, LAICHANG, US  
[71] PELICAN PRODUCTS, INC., US  
[22] 2013-01-03  
[41] 2013-07-06  
[30] US (13/345157) 2012-01-06

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[21] **2,800,700**  
[13] A1

[51] **Int.Cl. A61B 17/94 (2006.01) A61B 18/18 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR TREATING TISSUE USING AN EXPANDABLE ANTENNA**  
[54] **SYSTEME ET PROCEDE POUR TRAITER DES TISSUS AU MOYEN D'UNE ANTENNE EXTENSIBLE**  
[72] LEE, ANTHONY C., US  
[72] BONN, KENLYN S., US  
[72] PRAKASH, MANI N., US  
[72] ROSSETTO, FRANCESCA, US  
[71] VIVANT MEDICAL, INC., US  
[22] 2013-01-03  
[41] 2013-07-06  
[30] US (13/344,753) 2012-01-06

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[21] **2,800,713**  
[13] A1

[51] **Int.Cl. B65H 54/22 (2006.01) B65H 54/12 (2006.01) B65H 81/02 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR WINDING UP TUBES IN SPOOL FORM AND FOR WRAPPING THE SPOOL FORMED**  
[54] **PROCEDE ET APPAREIL POUR ENROULER DES TUBES SOUS LA FORME D'UNE BOBINE ET POUR ENVELOPPER LA BOBINE FORMEE**  
[72] BALZANELLI, ALESSANDRO, IT  
[71] F.B. BALZANELLI AVVOLGITORI S.P.A., IT  
[22] 2013-01-03  
[41] 2013-07-04  
[30] IT (MI2012A 000009) 2012-01-04

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[21] **2,800,720**  
[13] A1

[51] **Int.Cl. B23D 61/12 (2006.01) B23D 49/10 (2006.01)**  
[25] EN  
[54] **DOUBLE-SIDED RECIPROCATING SAW BLADE AND RELATED METHOD**  
[54] **LAME DE SCIE ALTERNATIVE A DEUX COTES ET PROCEDE CONNEXE**  
[72] ELLISTON, ASIF, US  
[72] KALOMERIS, CHARLES E., US  
[71] IRWIN INDUSTRIAL TOOL COMPANY, US  
[22] 2013-01-04  
[41] 2013-07-06  
[30] US (13/344,647) 2012-01-06

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[21] **2,800,722**  
[13] A1

[51] **Int.Cl. G06F 19/10 (2011.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01) G06F 19/00 (2011.01) C40B 30/02 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR MULTIVARIATE ANALYSIS OF ADVERSE EVENT DATA**  
[54] **SYSTEMES ET PROCEDES POUR ANALYSE MULTI-VARIABLE DE DONNEES D'EVENEMENTS DEFAVORABLES**  
[72] JACKSON, DAVID, DE  
[72] SOLDATOS, THEODOROS, DE  
[72] TAGLANG, GUILLAUME, DE  
[72] ZIEN, ALEXANDER, DE  
[72] BROCK, STEPHAN, DE  
[71] MOLECULAR HEALTH AG, CH  
[22] 2013-01-04  
[41] 2013-07-06  
[30] US (61/584,164) 2012-01-06  
[30] US (61/605,626) 2012-03-01  
[30] US (13/446,820) 2012-04-13  
[30] US (13/446,871) 2012-04-13  
[30] US (13/446,912) 2012-04-13  
[30] US (13/446,917) 2012-04-13

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[21] **2,800,773**  
[13] A1

[51] **Int.Cl. C02F 11/12 (2006.01) B01D 21/02 (2006.01) C02F 1/00 (2006.01) C10G 1/04 (2006.01) C12N 11/00 (2006.01)**  
[25] EN  
[54] **REMEDIATION OF SLURRY PONDS**  
[54] **RESTAURATION DE BASSINS A SCHLAMMS**  
[72] RENNARD, DAVID C., US  
[72] PACE, JUSTIN D., US  
[72] PALMER, THOMAS R., US  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[22] 2013-01-04  
[41] 2013-07-06  
[30] US (61/583,923) 2012-01-06

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**Demandes canadiennes mises à la disponibilité du public**  
**30 juin 2013 au 6 juillet 2013**

[21] **2,800,792**  
 [13] A1

[51] **Int.Cl. B25F 5/00 (2006.01) H02J 7/00 (2006.01) H02P 6/08 (2006.01)**  
 [25] EN  
 [54] **PROGRAMMABLE PORTABLE POWER TOOL WITH BRUSHLESS DC MOTOR**  
 [54] **OUTIL ELECTRIQUE PORTATIF PROGRAMMABLE AVEC MOTEUR CC SANS BALAIS**  
 [72] KNIGHT, COLIN, US  
 [72] CORIC, MILOS, US  
 [71] SEARS BRANDS, LLC, US  
 [22] 2013-01-04  
 [41] 2013-07-06  
 [30] US (61/583,846) 2012-01-06

[21] **2,800,800**  
 [13] A1

[51] **Int.Cl. G06F 17/27 (2006.01)**  
 [25] EN  
 [54] **METHOD AND APPARATUS FOR ANALYZING A DOCUMENT**  
 [54] **PROCEDE ET APPAREIL POUR ANALYSER UN DOCUMENT**  
 [72] O'SULLIVAN, THOMAS, US  
 [72] JACHOWICZ, ANDRZEJ, US  
 [72] ADAMSON, TOBY L., US  
 [71] FREEDOM SOLUTIONS GROUP, LLC D/B/A MICROSYSTEMS, US  
 [22] 2013-01-04  
 [41] 2013-07-04  
 [30] US (13/343,423) 2012-01-04  
 [30] US (13/531,726) 2012-06-25

[21] **2,800,946**  
 [13] A1

[51] **Int.Cl. C07K 5/078 (2006.01) A61K 31/198 (2006.01) A61K 31/404 (2006.01) A61K 31/4422 (2006.01) A61K 31/55 (2006.01) A61K 38/05 (2006.01) A61P 9/00 (2006.01) A61P 9/12 (2006.01) C07C 279/14 (2006.01) C07D 209/42 (2006.01) C30B 29/54 (2006.01)**  
 [25] FR  
 [54] **CRYSTAL DELTA FORM OF ARGININE PERINDOPRIL SALT, ITS PREPARATION PROCESS AND THE PHARMACEUTICAL COMPOUNDS CONTAINING SAME**  
 [54] **FORME CRISTALLINE DELTA DU SEL D'ARGININE DU PERINDOPRIL, SON PROCEDE DE PREPARATION, ET LES COMPOSITIONS PHARMACEUTIQUES QUI LA CONTIENNENT**  
 [72] LINOL, JULIE, FR  
 [72] LAURENT, STEPHANE, FR  
 [72] GRENIER, ARNAUD, FR  
 [72] MATHIEU, SEBASTIEN, FR  
 [71] LES LABORATOIRES SERVIER, FR  
 [22] 2013-01-03  
 [41] 2013-07-05  
 [30] FR (12/00033) 2012-01-05

[21] **2,801,083**  
 [13] A1

[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/18 (2006.01) F16N 1/00 (2006.01) F16N 7/36 (2006.01) F16N 21/00 (2006.01) F16N 27/02 (2006.01)**  
 [25] FR  
 [54] **TURBINE ENGINE SHAFT**  
 [54] **ARBRE DE TURBOMACHINE**  
 [72] COT, SERGE, FR  
 [72] LALANNE, CLEMENT, FR  
 [71] MICROTURBO, FR  
 [22] 2012-12-28  
 [41] 2013-07-05  
 [30] FR (1250099) 2012-01-05

[21] **2,801,089**  
 [13] A1

[51] **Int.Cl. C07K 5/078 (2006.01) C07C 279/14 (2006.01) C07D 209/42 (2006.01) C30B 29/54 (2006.01)**  
 [25] FR  
 [54] **PREPARATION PROCESS FOR L-ARGININE PERINDOPRIL SALT**  
 [54] **PROCEDE DE PREPARATION DU SEL DE L-ARGININE DU PERINDOPRIL**  
 [72] LINOL, JULIE, FR  
 [72] LAURENT, STEPHANE, FR  
 [72] GRENIER, ARNAUD, FR  
 [72] MATHIEU, SEBASTIEN, FR  
 [71] LES LABORATOIRES SERVIER, FR  
 [22] 2013-01-03  
 [41] 2013-07-05  
 [30] FR (12/00034) 2012-01-05

[21] **2,801,441**  
 [13] A1

[51] **Int.Cl. F21V 33/00 (2006.01) A63C 5/00 (2006.01) A63C 17/26 (2006.01) F21S 4/00 (2006.01) F21V 23/00 (2006.01)**  
 [25] EN  
 [54] **INTELLIGENT LIGHTING SYSTEM FOR SPORTING APPARATUS**  
 [54] **SYSTEME D'ECLAIRAGE INTELLIGENT POUR APPAREIL DE SPORT**  
 [72] TACKETT, NASON WAYNE, US  
 [71] D3, LLC, US  
 [22] 2013-01-07  
 [41] 2013-07-06  
 [30] US (61/583,631) 2012-01-06

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June 30, 2013 to July 6, 2013**

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[21] **2,801,512**  
[13] A1

- [51] **Int.Cl. G06F 19/00 (2011.01) G06Q 50/16 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR VIRTUAL TOURING OF MODEL HOMES**  
[54] **SYSTEME ET METHODE PERMETTANT UNE VISITE VIRTUELLE DE MAISONS-TEMOINS**  
[72] MUTTON, JEREMY, CA  
[72] RITTEN, CHRISTOPHER, CA  
[72] RITTEN, JASON, CA  
[71] MUTTON, JEREMY, CA  
[71] RITTEN, CHRISTOPHER, CA  
[71] RITTEN, JASON, CA  
[22] 2013-01-07  
[41] 2013-07-05  
[30] US (61/583,562) 2012-01-05

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[21] **2,801,540**  
[13] A1

- [51] **Int.Cl. A61K 38/28 (2006.01)**  
[25] EN  
[54] **INSULIN RECEPTOR INDUCED ELASTIN PRODUCTION**  
[54] **PRODUCTION D'ELASTINE A RECEPTEUR D'INSULINE INDUIT**  
[72] HINEK, ALEKSANDER, CA  
[72] MITTS, THOMAS F., US  
[71] HUMAN MATRIX SCIENCES, LLC, US  
[71] THE HOSPITAL FOR SICK CHILDREN, CA  
[22] 2013-01-07  
[41] 2013-07-06  
[30] US (61/584,105) 2012-01-06

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[21] **2,801,762**  
[13] A1

- [51] **Int.Cl. E04H 17/00 (2006.01) E04F 11/18 (2006.01) E04H 12/00 (2006.01) E04H 17/20 (2006.01)**  
[25] EN  
[54] **MOUNTING ACCESSORY FOR SECURE ATTACHMENT OF RAILS TO PIPE-MOUNTED HOLLOW POSTS**  
[54] **ACCESSOIRE DE FIXATION PERMETTANT DE FIXER SOLIDEMENT DES RAILS A DES POTEAUX CREUX DE CONTACT**  
[72] FROESE, JOSEPH S., CA  
[71] STRAIGHT'N LEVEL FENCING SOLUTIONS INC., CA  
[22] 2012-12-28  
[41] 2013-07-03  
[30] US (13/342,460) 2012-01-03

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[21] **2,801,765**  
[13] A1

- [51] **Int.Cl. H03H 9/13 (2006.01)**  
[25] EN  
[54] **ZERO-VOLTAGE-SWITCHING (ZVS) PIEZOELECTRIC DRIVING CIRCUIT**  
[54] **CIRCUIT D'ATTAQUE PIEZOELECTRIQUE A COMMUTATION A TENSION NULLE**  
[72] WEI, TAO-CHIN, TW  
[72] LIU, YUAN-PING, TW  
[71] MIDAS WEI TRADING CO., LTD., TW  
[22] 2012-12-21  
[41] 2013-06-30  
[30] TW (100149933) 2011-12-30

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[21] **2,801,777**  
[13] A1

- [51] **Int.Cl. G21F 7/00 (2006.01) E04B 1/92 (2006.01) E04H 9/00 (2006.01)**  
[25] EN  
[54] **RADIATION SHEILDING BARRIERS**  
[54] **BARRIERES DE PROTECTION CONTRE LE RAYONNEMENT**  
[72] LAMBERT, FRED, CA  
[72] LAMBERT, DAVID, CA  
[71] LAMBERT, FRED, CA  
[71] LAMBERT, DAVID, CA  
[22] 2013-01-07  
[41] 2013-07-06  
[30] US (61583852) 2012-01-06

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[21] **2,801,925**  
[13] A1

- [51] **Int.Cl. B60P 3/32 (2006.01) B62D 25/02 (2006.01) B62D 25/06 (2006.01) F16B 7/00 (2006.01) F16S 3/06 (2006.01)**  
[25] EN  
[54] **FRAME FOR A RECREATIONAL VEHICLE**  
[54] **CHASSIS POUR VEHICULE RECREATIF**  
[72] WHITE, JOSEPH F., US  
[72] WILSON, PHILLIP E., US  
[71] BASF SE, DE  
[22] 2013-01-04  
[41] 2013-07-05  
[30] US (61/583470) 2012-01-05

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[21] **2,801,931**  
[13] A1

- [51] **Int.Cl. H01B 7/295 (2006.01)**  
[25] FR  
[54] **ENERGY AND/OR TELECOMMUNICATIONS CABLE CAPABLE OF PREVENTING FIRE FROM SPREADING**  
[54] **CABLE D'ENERGIE ET/OU DE TELECOMMUNICATION APTE A EMPECHER LA PROPAGATION D'UN INCENDIE**  
[72] CARRIERE, ROLAND, FR  
[72] BARIOZ, CHANTAL, FR  
[72] CLERTANT, ALAIN, FR  
[72] SEUX, THIERRY, FR  
[72] LORIOU, RENEE, FR  
[72] KENSICHER, CHRISTELE, FR  
[71] NEXANS, FR  
[22] 2013-01-04  
[41] 2013-07-05  
[30] FR (12 50 123) 2012-01-05

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[21] **2,804,867**  
[13] A1

- [51] **Int.Cl. E02F 5/10 (2006.01) E02F 5/00 (2006.01) F16L 1/028 (2006.01) F16L 1/11 (2006.01) H02G 1/06 (2006.01)**  
[25] EN  
[54] **CABLE RECOVERY DEVICE AND SYSTEM**  
[54] **DISPOSITIF ET SYSTEME DE RECUPERATION DE CABLE**  
[72] TROTTIER, GAETAN, CA  
[71] TROTTIER, GAETAN, CA  
[22] 2013-01-31  
[41] 2013-07-05



**Demandes canadiennes mises à la disponibilité du public**  
**30 juin 2013 au 6 juillet 2013**

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[21] **2,806,782**  
[13] A1

[51] **Int.Cl. C09K 8/58 (2006.01) C09K 8/92 (2006.01) E21B 43/267 (2006.01)**

[25] EN

[54] **COMPOSITIONS, SYSTEMS AND METHODS FOR RELEASING ADDITIVE COMPONENTS**

[54] **COMPOSITIONS, SYSTEMES ET PROCÉDES POUR LA LIBÉRATION DE COMPOSANTS D'ADDITION**

[72] SUNDARAM, MAGESH, US

[72] MOSHER, STEPHEN, US

[71] DOBER CHEMICAL CORPORATION, US

[22] 2013-02-19

[41] 2013-07-03

[30] US (61/686,100) 2012-03-30

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[21] **2,811,570**  
[13] A1

[51] **Int.Cl. G08B 13/196 (2006.01) H04N 21/80 (2011.01) H04N 7/18 (2006.01)**

[25] EN

[54] **METHOD, SYSTEM AND APPARATUS FOR AUTOMATED ALERTS**

[54] **PROCEDE, SYSTEME ET APPAREIL POUR ALERTES AUTOMATISEES**

[72] HYMEL, JAMES ALLEN, CA

[72] THOMAS, ALEC REID, CA

[72] KIKIC, EDVARD, CA

[72] EVANS, JONATHAN ANDREW, CA

[72] HODDER, JANINE MARY, CA

[71] RESEARCH IN MOTION LIMITED, CA

[22] 2012-11-13

[41] 2013-06-30

[30] EP (11196163.7) 2011-12-30

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[21] **2,813,615**  
[13] A1

[51] **Int.Cl. A47F 5/00 (2006.01) A47B 43/02 (2006.01) A47B 47/06 (2006.01) A47B 55/06 (2006.01) A47F 5/11 (2006.01)**

[25] EN

[54] **FREE-STANDING DISPLAY FIXTURE**

[54] **PRESENTOIR AUTOPORTANT**

[72] HAWKINS, LAURA L., US

[71] TARGET BRANDS, INC., US

[22] 2013-05-01

[41] 2013-07-02

[30] US (61/766,435) 2013-02-19

[30] US (13/826,558) 2013-03-14

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[21] **2,813,616**  
[13] A1

[51] **Int.Cl. A47G 9/02 (2006.01) A47C 21/02 (2006.01)**

[25] EN

[54] **FITTED COVERING FOR A MATTRESS**

[54] **REVETEMENT ADAPTE POUR MATELAS**

[72] LILIENTHAL, KATE, US

[71] TARGET BRANDS, INC., US

[22] 2013-04-29

[41] 2013-07-02

[30] US (61/716,335) 2012-10-19

[30] US (13/791,038) 2013-03-08

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[21] **2,813,679**  
[13] A1

[51] **Int.Cl. B65G 1/00 (2006.01) A47B 53/00 (2006.01) E06C 1/34 (2006.01)**

[25] EN

[54] **STORAGE SYSTEM**

[54] **SYSTEME D'ENTREPOSAGE**

[72] KNOLL, MITCHELL, US

[71] TARGET BRANDS, INC., US

[22] 2013-04-29

[41] 2013-07-02

[30] US (13/677,930) 2012-11-15

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[21] **2,813,861**  
[13] A1

[51] **Int.Cl. A61H 33/00 (2006.01) A47K 3/022 (2006.01)**

[25] EN

[54] **WATER MASSAGE SYSTEM FOR TUBS**

[54] **SYSTEME D'HYDROMASSAGE POUR BAIGNOIRES**

[72] CASTELLOTE, MIGUEL, CA

[72] CIECHANOWSKI, DOMINIQUE, CA

[71] C.G. AIR SYSTEMES INC., CA

[22] 2013-04-24

[41] 2013-07-03

[30] US (61/637,453) 2012-04-24

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[21] **2,814,048**  
[13] A1

[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/02 (2012.01)**

[25] EN

[54] **CONSUMER WALKER REPORTS**

[54] **RAPPORTS WALKER SUR LES CONSOMMATEURS**

[72] RYKS, DANIEL LEE, US

[72] HEILBRUN, RUSS MICHAEL, US

[71] TARGET BRANDS, INC., US

[22] 2013-05-01

[41] 2013-07-04

[30] US (13/719,981) 2012-12-19

# PCT Applications Entering the National Phase

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[13] A1

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[54] **MULTI-GRIP DUMBBELL**  
[54] **HALTERE A SURFACES DE PREHENSION MULTIPLES**

[72] LEIER, CHRISTOPHER HENRY, US  
[72] LEVINE, JEREMY DAVID, US  
[72] SCHULTZ, HOWARD PAUL, US  
[72] WANG, LOPIN, TW  
[71] LEIER, ANN RYLIE, US  
[71] LEIER, CHRISTOPHER HENRY, US  
[85] 2012-03-14  
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[87] (2772377)

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[13] A1

[51] **Int.Cl. C12P 1/00 (2006.01) C07H 5/06 (2006.01) C08L 97/02 (2006.01) C12P 19/00 (2006.01) C13K 1/02 (2006.01) D21C 1/10 (2006.01) C13K 13/00 (2006.01)**

[25] EN  
[54] **COMPOSITIONS COMPRISING C5 AND C6 OLIGOSACCHARIDES**  
[54] **COMPOSITIONS COMPRENANT DES OLIGOSACCHARIDES C5 ET C6**

[72] FLOYD, DANIEL CLAY, US  
[72] KADAM, KIRAN L., US  
[72] KILAMBI, SRINIVAS, US  
[71] RENMATIX, INC., US  
[85] 2013-02-08  
[86] 2012-12-03 (PCT/US2012/067641)  
[87] (2804993)  
[30] US (61/581,878) 2011-12-30  
[30] US (61/581,890) 2011-12-30  
[30] US (61/581,907) 2011-12-30  
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[13] A1

[51] **Int.Cl. H04R 25/02 (2006.01) A61F 11/04 (2006.01) H04R 17/02 (2006.01)**

[25] EN  
[54] **IMPLANTABLE PIEZOELECTRIC POLYMER FILM MICROPHONE**  
[54] **MICROPHONE IMPLANTABLE A FILM POLYMERE PIEZOELECTRIQUE**

[72] PROULX, TIM, US  
[72] KASSAYAN, REZA, US  
[71] SONITUS MEDICAL, INC., US  
[85] 2013-01-24  
[86] 2011-08-03 (PCT/US2011/001382)  
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[13] A1

[51] **Int.Cl. E04H 6/18 (2006.01) E04H 6/22 (2006.01)**

[25] EN  
[54] **PARKING SYSTEM**  
[54] **PARC DE STATIONNEMENT**

[72] MEINERS, RUDIGER, DE  
[71] OTTO WOHR GMBH, DE  
[85] 2013-02-01  
[86] 2011-07-28 (PCT/EP2011/062988)  
[87] (WO2012/019920)  
[30] IL (207582) 2010-08-12

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[13] A1

[51] **Int.Cl. C12C 3/12 (2006.01)**

[25] EN  
[54] **IMPROVED METHOD FOR ISOMERISATION OF HOP ALPHA-ACIDS TO ISO-ALPHA-ACIDS**

[54] **PROCEDE AMELIORE POUR L'ISOMERISATION D'ALPHA-ACIDES DE HOUBLON EN ISO-ALPHA-ACIDES**

[72] DE VOS, DIRK, BE  
[72] MERTENS, PASCAL, BE  
[71] IFAST NV, BE  
[85] 2013-02-20  
[86] 2011-09-29 (PCT/EP2011/067055)  
[87] (WO2012/041994)  
[30] GB (1016430.9) 2010-09-30

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[13] A1

[51] **Int.Cl. G08B 5/22 (2006.01)**

[25] EN  
[54] **METHODS, APPARATUS AND SYSTEMS FOR ONSITE LINKING TO LOCATION-SPECIFIC ELECTRONIC RECORDS OF LOCATE OPERATIONS**

[54] **PROCEDES, APPAREILS ET SYSTEMES DE LIAISON IN SITU AVEC DES DOSSIERS ELECTRONIQUES SPECIFIQUES D'UN LIEU RELATIFS A DES OPERATIONS DE LOCALISATION**

[72] NIELSEN, STEVEN, US  
[72] CHAMBERS, CURTIS, US  
[72] FARR, JEFFREY, US  
[71] CERTUSVIEW TECHNOLOGIES, LLC, US  
[85] 2013-02-27  
[86] 2011-07-25 (PCT/US2011/045203)  
[87] (WO2012/015746)  
[30] US (61/369,091) 2010-07-30  
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[13] A1

[51] **Int.Cl. F01B 17/02 (2006.01) A61M 1/00 (2006.01) F01B 11/00 (2006.01)**

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[54] **COMPRESSED-GAS MOTOR FOR A WASH SYSTEM**

[54] **MOTEUR A GAZ COMPRIME POUR UN SYSTEME DE LAVAGE**

[72] VOGT, SEBASTIAN, DE  
[72] BUECHNER, HUBERT, DE  
[71] HERAEUS MEDICAL GMBH, DE  
[85] 2013-03-05  
[86] 2011-08-10 (PCT/EP2011/003993)  
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[30] DE (10 2010 046 057.5) 2010-09-22

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[13] A1

[51] **Int.Cl. H01R 13/62 (2006.01) H01R 13/639 (2006.01)**  
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[54] **LOCKING DEVICE FOR A PLUG-IN CONNECTOR HOUSING**  
[54] **VERROUILLAGE POUR UN BOITIER DE CONNECTEUR ENFICHABLE**  
[72] SCHMIDT, MARTIN, DE  
[72] SPILKER, NICOLE, DE  
[71] HARTING ELECTRIC GMBH & CO. KG, DE  
[85] 2013-04-18  
[86] 2011-06-20 (PCT/DE2011/075138)  
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[13] A1

[51] **Int.Cl. A61F 2/95 (2013.01)**  
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[54] **DEPLOYMENT SLEEVE SHORTENING MECHANISM**  
[54] **MECANISME DE RACCOURCISSEMENT DE MANCHON DE DEPLOIEMENT**  
[72] BUCKLEY, KYLE R., US  
[71] W. L. GORE & ASSOCIATES, INC., US  
[85] 2013-04-24  
[86] 2011-11-11 (PCT/US2011/060409)  
[87] (WO2012/065087)  
[30] US (61/412,621) 2010-11-11  
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[13] A1

[51] **Int.Cl. H01M 8/12 (2006.01) C25B 9/08 (2006.01) C25B 13/02 (2006.01) C25B 13/04 (2006.01) H01M 8/02 (2006.01) H01M 8/24 (2006.01)**  
[25] FR  
[54] **DEVICE FORMING A SEAL BETWEEN TWO SPACES HAVING MUTUALLY REACTIVE GASES, AND USE IN HIGH TEMPERATURE STEAM ELECTROLYSIS (HTSE) UNITS AND IN SOLID OXIDE FUEL CELLS (SOFC)**  
[54] **DISPOSITIF FORMANT UN JOINT D'ETANCHEITE ENTRE DEUX ESPACES DE GAZ REACTIFS ENTRE EUX, APPLICATION AUX ELECTROLYSEURS DE VAPEUR D'EAU A HAUTE TEMPERATURE (EVHT) ET AUX PILES A COMBUSTIBLE DE TYPE SOFC**  
[72] FLEURY, GATIEN, FR  
[72] LE GALLO, PATRICK, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR  
[85] 2013-05-21  
[86] 2011-11-23 (PCT/EP2011/070828)  
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[30] FR (1059639) 2010-11-23

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[13] A1

[51] **Int.Cl. C07K 16/22 (2006.01)**  
[25] EN  
[54] **MULTISPECIFIC ANTIGEN BINDING PROTEINS TARGETING HGF**  
[54] **PROTEINES MULTISPECIFIQUE SE LIANT A UN ANTIGENE ET CIBLANT HGF**  
[72] GRIGGS, JEREMY, GB  
[72] PARMAR, RADHA SHAH, GB  
[72] STEWARD, MICHAEL, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2013-05-21  
[86] 2011-11-23 (PCT/EP2011/070868)  
[87] (WO2012/069557)  
[30] US (61/416,844) 2010-11-24

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[21] **2,818,674**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 15/16 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PROVIDING ACCESS TO IMAGE SYSTEM SERVICES**  
[54] **PROCEDE ET SYSTEME POUR FOURNIR UN ACCES A DES SERVICES DE SYSTEMES D'IMAGES**  
[72] POLIT, PETER, US  
[72] CARROLL, ROBERT C., US  
[71] THX LTD., US  
[85] 2012-04-27  
[86] 2009-10-21 (PCT/US2009/061397)  
[87] (WO2010/053693)  
[30] US (12/260,385) 2008-10-29

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[21] **2,818,687**  
[13] A1

[51] **Int.Cl. A61F 2/966 (2013.01)**  
[25] EN  
[54] **STENT DELIVERY SYSTEMS AND METHODS**  
[54] **SYSTEMES DE POSE D'ENDOPROTHESE ET PROCEDES**  
[72] GILL, DARLA, US  
[72] SNIDER, RICH, US  
[72] ELLER, ZEKE, US  
[72] MOTTOLA, JIM, US  
[72] ROBINSON, TOM, US  
[72] LYONS, BRENDA M., US  
[71] MERIT MEDICAL SYSTEMS, INC., US  
[85] 2013-05-21  
[86] 2011-12-07 (PCT/US2011/063799)  
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[13] A1

[51] **Int.Cl. G05B 21/00 (2006.01) B23P 11/00 (2006.01) G01M 1/38 (2006.01) H01R 4/28 (2006.01)**

[25] EN

[54] **FLEXIBLE FUNCTIONALITY PARTITIONING WITHIN INTELLIGENT-THERMOSTAT-CONTROLLED HVAC SYSTEMS**

[54] **PARTITIONNEMENT DE FONCTIONNALITES FLEXIBLES A L'INTERIEUR DE SYSTEMES CVCA A COMMANDE THERMOSTATIQUE INTELLIGENTE**

[72] ROGERS, MATTHEW LEE, US  
[72] FADELL, ANTHONY MICHAEL, US  
[72] CHARLTON, ERIK, US  
[72] HONJO, SHIGEFUMI, US  
[72] MATSUOKA, YOKY, US  
[72] SLOO, DAVID, US  
[72] GUENETTE, ISABEL, US  
[71] NEST LABS, INC., US  
[85] 2013-05-21  
[86] 2012-01-03 (PCT/US2012/000007)  
[87] (WO2012/068591)  
[30] US (61/429,093) 2010-12-31  
[30] US (61/627,996) 2011-10-21

[21] **2,818,702**  
[13] A1

[51] **Int.Cl. C07D 239/42 (2006.01)**

[25] EN

[54] **METHOD FOR PREPARING ROSUVASTATIN SALTS**

[54] **PROCEDE DE PREPARATION DE SELS DE ROSUVASTATINE**

[72] PORCS-MAKKAY, MARTA, HU  
[72] BARTHA, FERENC LORANT, HU  
[72] KRASZNAI, GYORGY, HU  
[72] VOLK, BALAZS, HU  
[72] RUZSICS, GYORGY, HU  
[72] PONGO, LASZLO, HU  
[72] LUKACS, GYULA, HU  
[72] SZABO, TIBOR, HU  
[72] BARKOCZY, JOZSEF, HU  
[72] DEBRECZENI, JOZSEF, HU  
[72] KESZTHELYI, ADRIENN, HU  
[72] PANDUR, ANGELA, HU  
[72] MOLNAR, ENIKO, HU  
[72] MILEN, MATYAS, HU  
[72] TOTHNE LAURITZ, MARIA, HU  
[71] EGIS GYOGYSZERGYAR NYILVANOSAN MUKODO RESZVENY-TARSASAG, HU  
[85] 2013-05-22  
[86] 2011-11-29 (PCT/HU2011/000112)  
[87] (WO2012/073054)  
[30] HU (P1000638) 2010-11-29

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[13] A1

[51] **Int.Cl. A61K 8/73 (2006.01) A61K 8/99 (2006.01) A61P 17/00 (2006.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01) C12P 19/04 (2006.01) C12N 1/10 (2006.01)**

[25] EN

[54] **EXOPOLYSACCHARIDE FOR THE TREATMENT AND/OR CARE OF THE SKIN, MUCOUS MEMBRANES, HAIR AND/OR NAILS**

[54] **EXOPOLYSACCHARIDE POUR LE TRAITEMENT ET/OU LES SOINS DE LA PEAU, DES MEMBRANES MUQUEUSES, DES CHEVEUX ET/OU DES ONGLES**

[72] COURTOIS, ANTHONY, FR  
[72] THOLLAS, BERTRAND, FR  
[72] DELGADO, RAQUEL, ES  
[72] CEBRIAN, JUAN, ES  
[72] SOLEY, ALBERT, ES  
[71] LIPOTEC S.A., ES  
[71] POLYMARIS BIOTECHNOLOGY, FR  
[85] 2013-05-22  
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[87] (WO2012/072245)  
[30] ES (P201031775) 2010-11-30

[21] **2,818,700**  
[13] A1

[51] **Int.Cl. F04D 29/00 (2006.01)**

[25] EN

[54] **WATER DRAIN STRUCTURE FOR BLOWER**

[54] **STRUCTURE DE PURGE D'EAU POUR VENTILATEUR**

[72] LEI, WEI, CN  
[72] LIANG, SANZENG, CN  
[72] LIU, XIANG, CN  
[71] ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURE CO., LTD, CN  
[85] 2013-05-22  
[86] 2011-04-19 (PCT/CN2011/073017)  
[87] (WO2012/142747)

[21] **2,818,708**  
[13] A1

[51] **Int.Cl. G02C 5/22 (2006.01)**

[25] EN

[54] **EYEGLASS HINGE ASSEMBLY**

[54] **ASSEMBLAGE DE CHARNIERE DE LUNETTES**

[72] AUSTIN, FRANCIS WILLIAM, NZ  
[71] AUSTIN, FRANCIS WILLIAM, NZ  
[85] 2013-05-22  
[86] 2011-11-30 (PCT/NZ2011/000249)  
[87] (WO2012/074414)  
[30] NZ (589698) 2010-12-03

[21] **2,818,732**  
[13] A1

[51] **Int.Cl. A61N 5/06 (2006.01) A61N 5/01 (2006.01)**

[25] EN

[54] **DEVICE FOR MEDICAL EXTERNAL TREATMENT BY LIGHT**

[54] **DISPOSITIF POUR TRAITEMENT MEDICAL EXTERNE PAR LA LUMIERE**

[72] THIBERG, ROLF, SE  
[72] OLAUSSON LIDO, PER, SE  
[71] BIOLIGHT PATENT HOLDING AB, SE  
[85] 2013-05-22  
[86] 2011-11-14 (PCT/SE2011/051363)  
[87] (WO2012/074454)  
[30] SE (1051282-0) 2010-12-03  
[30] SE (1051283-8) 2010-12-03

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[51] **Int.Cl. E01F 15/14 (2006.01) F16F 7/12 (2006.01)**  
[25] EN  
[54] **IMPACT ATTENUATOR FOR VEHICLES**  
[54] **ATTENUATEUR D'IMPACT POUR VEHICULES**  
[72] GISSLIN, LARS-AKE, SE  
[71] BIRSTAVERKEN AB, SE  
[85] 2013-05-22  
[86] 2011-12-01 (PCT/SE2011/051465)  
[87] (WO2012/074480)  
[30] SE (1051278-8) 2010-12-02

[21] **2,818,743**  
[13] A1

[51] **Int.Cl. F16K 17/04 (2006.01) F16K 29/00 (2006.01)**  
[25] EN  
[54] **RELIEF VALVE**  
[54] **SOUPAPE DE DECHARGE**  
[72] TARCZEWSKI, JACEK, GB  
[72] EDWARDS, RICHARD, GB  
[72] SAHOTA, JAGROOP, GB  
[71] NORGREN LIMITED, GB  
[85] 2013-05-22  
[86] 2011-12-07 (PCT/GB2011/052415)  
[87] (WO2012/076878)  
[30] GB (1020697.7) 2010-12-07

[21] **2,818,744**  
[13] A1

[51] **Int.Cl. C23F 11/16 (2006.01) C09K 8/54 (2006.01) C23F 11/04 (2006.01)**  
[25] EN  
[54] **CORROSION INHIBITORS**  
[54] **INHIBITEURS DE CORROSION**  
[72] FELLOWS, ALAN, GB  
[72] HATCHMAN, KEVAN, GB  
[72] JONES, CHRIS, GB  
[71] RHODIA OPERATIONS, FR  
[85] 2013-05-22  
[86] 2011-12-08 (PCT/GB2011/052427)  
[87] (WO2012/076887)  
[30] GB (1020798.3) 2010-12-08

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[13] A1

[51] **Int.Cl. A23L 1/10 (2006.01) A23L 1/105 (2006.01) A23L 1/29 (2006.01) A23L 1/308 (2006.01)**  
[25] EN  
[54] **BABY FOOD PRODUCTS COMPRISING HYDROLYZED WHOLE GRAIN**  
[54] **PRODUITS ALIMENTAIRES POUR BEBE COMPRENANT DES CEREALES COMPLETES HYDROLYSEES**  
[72] ROGER, OLIVIER YVES, CH  
[72] SCHAFFER-LEQUART, CHRISTELLE, CH  
[72] WAVREILLE, ANNE-SOPHIE, CH  
[71] NESTEC S.A., CH  
[85] 2013-05-22  
[86] 2010-12-08 (PCT/EP2010/069222)  
[87] (WO2012/076057)

[21] **2,818,757**  
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 30/02 (2012.01) G07C 13/00 (2006.01)**  
[25] EN  
[54] **TRACKING USER INTERACTION FROM A RECEIVING DEVICE**  
[54] **SUIVI DE L'INTERACTION UTILISATEUR A PARTIR D'UN DISPOSITIF DE RECEPTION**  
[72] KILARU, KRANTI, US  
[72] KUMMER, DAVID A., US  
[72] MARTCH, HENRY GREGG, US  
[72] ANGUIANO, JASON, US  
[72] HEMENWAY, S. CRAIG, US  
[71] ECHOSTAR TECHNOLOGIES L.L.C., US  
[85] 2013-05-22  
[86] 2011-11-22 (PCT/US2011/061773)  
[87] (WO2012/071377)  
[30] US (61/417,076) 2010-11-24

[21] **2,818,782**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/558 (2006.01)**  
[25] EN  
[54] **ASSAY DEVICE**  
[54] **DISPOSITIF D'ANALYSE**  
[72] MINTER, STEPHEN JOHN, GB  
[72] PATSOS, GEROGIOS, GB  
[72] PATSOS, GEORGIOS, GB  
[71] MOORLODGE BIOTECH VENTURES LIMITED, GB  
[85] 2013-05-22  
[86] 2011-10-17 (PCT/GB2011/001487)  
[87] (WO2012/049465)  
[30] GB (1017447.2) 2010-10-15

[21] **2,818,783**  
[13] A1

[51] **Int.Cl. A61H 7/00 (2006.01) A47K 7/02 (2006.01)**  
[25] EN  
[54] **FASCIAL ABRASION TOOL WITH TEXTURED SURFACE**  
[54] **OUTIL D'ABRASION FACIALE A SURFACE TEXTUREE**  
[72] SCAPPATICCI, MARK J., CA  
[71] SCAPPATICCI, MARK J., CA  
[85] 2013-05-22  
[86] 2011-11-28 (PCT/CA2011/001317)  
[87] (WO2012/068680)  
[30] US (61/417,352) 2010-11-26

[21] **2,818,798**  
[13] A1

[51] **Int.Cl. A61L 15/26 (2006.01) A61L 15/42 (2006.01)**  
[25] EN  
[54] **COMPOSITION I-I AND PRODUCTS AND USES THEREOF**  
[54] **COMPOSITION I-I ET PRODUITS ET UTILISATIONS DE CELLES-CI**  
[72] PHILLIPS, MARCUS DAMIAN, GB  
[71] SMITH & NEPHEW PLC, GB  
[85] 2013-05-22  
[86] 2011-11-25 (PCT/GB2011/001649)  
[87] (WO2012/069793)  
[30] GB (1020005.3) 2010-11-25

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[13] A1

[51] **Int.Cl. A01M 21/04 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR WEED CONTROL**  
[54] **DISPOSITIF ET PROCEDE DE LUTTE CONTRE LES MAUVAISES HERBES**  
[72] HOBBS, RICHARD, GB  
[72] MOREHEN, JASON, GB  
[72] MYERS, MALCOLM, GB  
[71] WEEDING TECHNOLOGIES LIMITED, GB  
[85] 2013-05-22  
[86] 2011-11-08 (PCT/GB2011/052167)  
[87] (WO2012/063057)  
[30] GB (1018912.4) 2010-11-09  
[30] GB (1112955.8) 2011-07-28

[21] **2,818,800**  
[13] A1

[51] **Int.Cl. A01M 21/04 (2006.01)**  
[25] EN  
[54] **DEVICE FOR WEED CONTROL**  
[54] **DISPOSITIF DE LUTTE CONTRE LES MAUVAISES HERBES**  
[72] HOBBS, RICHARD, GB  
[72] MOREHEN, JASON, GB  
[72] MYERS, MALCOLM, GB  
[71] WEEDING TECHNOLOGIES LIMITED, GB  
[85] 2013-05-22  
[86] 2011-11-08 (PCT/GB2011/052174)  
[87] (WO2012/063060)  
[30] GB (1018912.4) 2010-11-09  
[30] GB (1112956.6) 2011-07-28

[21] **2,818,801**  
[13] A1

[51] **Int.Cl. B02C 4/30 (2006.01)**  
[25] EN  
[54] **GRINDING ROLLER OF A ROLLER MILL**  
[54] **CYLINDRE BROYEUR D'UN BROYEUR A CYLINDRE**  
[72] MARTENS, RALF, DE  
[72] PINGEL, HERBERT, DE  
[71] THYSSENKRUPP POLYSIUS AG, DE  
[85] 2013-05-22  
[86] 2011-11-28 (PCT/EP2011/071156)  
[87] (WO2012/079965)  
[30] DE (10 2010 061 309.6) 2010-12-17

[21] **2,818,802**  
[13] A1

[51] **Int.Cl. C10M 125/10 (2006.01) C10M 125/26 (2006.01) C10M 177/00 (2006.01)**  
[25] EN  
[54] **LUBRICATING COMPOSITION AND METHOD FOR THE PREPARATION THEREOF**  
[54] **COMPOSITION LUBRIFIANTE**  
[72] ZOZULYA, VLADIMIR LEONIDOVICH, UA  
[72] ZOZULYA, SERGEI LEONIDOVICH, UA  
[72] ALEXANDROV, SERGEI NIKOLAEVICH, UA  
[71] ZOZULYA, VLADIMIR LEONIDOVICH, UA  
[71] ZOZULYA, SERGEI LEONIDOVICH, UA  
[71] ALEXANDROV, SERGEI NIKOLAEVICH, UA  
[85] 2013-05-22  
[86] 2011-11-16 (PCT/UA2011/000116)  
[87] (WO2012/087260)  
[30] UA (a 2010 15684) 2010-12-24

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[54] **AUTOMATIC VALVE SEATING INTEGRITY TEST**  
[54] **ESSAI AUTOMATIQUE DE L'INTEGRITE DE SIEGE DE SOUPAPE**  
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[71] FISHER CONTROLS INTERNATIONAL LLC, US  
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[21] **2,818,804**  
[13] A1

[51] **Int.Cl. C10M 103/06 (2006.01) B82Y 30/00 (2011.01) C10M 177/00 (2006.01)**  
[25] EN  
[54] **NANOSTRUCTURE OF A REVITALIZING AGENT AND METHOD FOR PRODUCING A STABLE FORM OF A NANOSTRUCTURE OF A REVITALIZING AGENT**  
[54] **NANOSTRUCTURE D'UN AGENT REVITALISANT ET PROCEDE DE PRODUCTION D'UNE FORME STABLE D'UNE NANOSTRUCTURE D'UN AGENT REVITALISANT**  
[72] ZOZULYA, VLADIMIR LEONIDOVICH, UA  
[72] ZOZULYA, SERGEI LEONIDOVICH, UA  
[72] ALEXANDROV, SERGEI NIKOLAEVICH, UA  
[71] ZOZULYA, VLADIMIR LEONIDOVICH, UA  
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[54] **NOVEL PHOSPHONIC ACIDS AS S1P RECEPTOR MODULATORS**  
[54] **NOUVEAUX ACIDES PHOSPHONIQUES UTILISES COMME MODULATEURS DES RECEPTEURS S1P**  
[72] TAKEUCHI, JANET A., US  
[72] LI, LING, US  
[72] CHOW, KEN, US  
[72] IM, WHA BIN, US  
[71] ALLERGAN, INC., US  
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[54] **METHODS OF MAKING CHEMICALLY CROSSLINKED BLOCK COPOLYMER GELS**

[54] **PROCEDES DE FABRICATION DE GELS DE COPOLYMERE SEQUENCE CHIMIQUEMENT RETICULE**

[72] ELLSWORTH, MARK W., US

[72] OAR, MICHAEL A., US

[71] TYCO ELECTRONICS CORPORATION, US

[85] 2013-05-21

[86] 2011-11-23 (PCT/US2011/062088)

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/17 (2006.01) A61K 38/18 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **ANTI-IL-6 ANTIBODIES FOR THE TREATMENT OF ORAL MUCOSITIS**

[54] **ANTICORPS ANTI-IL-6 UTILISES POUR LE TRAITEMENT DE LA STOMATITE**

[72] SMITH, JEFFREY T.L., US

[72] GARCIA-MARTINEZ, LEON R., US

[72] FELDHAUS, ANDREW L., US

[71] ALDER BIOPHARMACEUTICALS, INC., US

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[30] US (61/416,332) 2010-11-23

[30] US (61/416,343) 2010-11-23

[30] US (61/416,351) 2010-11-23

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[30] US (61/489,857) 2011-05-25

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/16 (2006.01) A61K 38/18 (2006.01) A61K 48/00 (2006.01) A61P 7/00 (2006.01) A61P 7/06 (2006.01)**

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[54] **ANTI-IL-6 ANTIBODIES FOR THE TREATMENT OF ANEMIA**

[54] **ANTICORPS ANTI-IL-6 POUR LE TRAITEMENT DE L'ANEMIE**

[72] SMITH, JEFFREY T.L., US

[71] ALDER BIOPHARMACEUTICALS, INC., US

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[13] A1

[51] **Int.Cl. F01K 23/10 (2006.01) F01K 23/08 (2006.01) F01K 25/02 (2006.01) F01K 27/00 (2006.01)**

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[54] **DRIVEN STARTER PUMP AND START SEQUENCE**

[54] **POMPE DE DEMARREUR ENTRAINEE ET SEQUENCE DE DEMARRAGE**

[72] HELD, TIMOTHY J., US

[72] VERMEERSCH, MICHAEL L., US

[72] XIE, TAO, US

[71] ECHOGEN POWER SYSTEMS, INC., US

[85] 2013-05-21

[86] 2011-11-28 (PCT/US2011/062201)

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[30] US (13/205,082) 2011-08-08

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[54] **REDUCED DEHISCENCE ANNULOPLASTY RING**

[54] **ANNEAU D'ANNULOPLASTIE A DEHISCENCE REDUITE**

[72] BRUNETT, WILLIAM C., US

[72] CURTIS, ALISON S., US

[71] EDWARDS LIFESCIENCES CORPORATION, US

[85] 2013-05-21

[86] 2011-11-29 (PCT/US2011/062374)

[87] (WO2012/074993)

[30] US (61/418,190) 2010-11-30

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[21] **2,818,820**  
[13] A1

[51] **Int.Cl. C09K 8/58 (2006.01) G01N 11/00 (2006.01)**

[25] FR

[54] **METHOD FOR DETERMINING A QUANTITY OF AN ALKALINE AGENT TO BE INJECTED IN THE FRAMEWORK OF THE ASSISTED RECOVERY OF HYDROCARBONS**

[54] **PROCEDE POUR DETERMINER UNE QUANTITE D'AGENT ALCALIN A INJECTER DANS LE CADRE DE RECUPERATION ASSISTEE D'HYDROCARBURES**

[72] ROUSSEAU, DAVID, FR

[72] BAZIN, BRIGITTE, FR

[71] IFP ENERGIES NOUVELLES, FR

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[86] 2011-12-07 (PCT/FR2011/000641)

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[51] **Int.Cl. B65D 75/36 (2006.01) A46B 15/00 (2006.01) A61C 17/22 (2006.01)**

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[54] **TOOTHBRUSH INCLUDING KIT FOR DECORATING SAID TOOTHBRUSH**

[54] **BROSSE A DENTS COMPRENANT UN NECESSAIRE DE DECORATION DE BROSSE A DENTS**

[72] JIMENEZ, EDUARDO, US  
[72] LEE, DAVID K., US  
[72] NGUYEN, QUANG, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2013-05-22  
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[87] (WO2012/087452)  
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[21] **2,818,824**  
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 31/713 (2006.01) C12Q 1/68 (2006.01) C07H 21/00 (2006.01)**

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[54] **TREATMENT OF NANOG RELATED DISEASES BY INHIBITION OF NATURAL ANTISENSE TRANSCRIPT TO NANOG**

[54] **TRAITEMENT DE MALADIES ASSOCIEES A NANOG PAR L'INHIBITION D'UN TRANSCRIPT ANTISENS NATUREL DE NANOG**

[72] COLLARD, JOSEPH, US  
[72] KHORKOVA SHERMAN, OLGA, US  
[71] CURNA, LNC., US  
[85] 2013-05-22  
[86] 2011-11-17 (PCT/US2011/061140)  
[87] (WO2012/071238)  
[30] US (61/416,341) 2010-11-23

[21] **2,818,825**  
[13] A1

[51] **Int.Cl. C07F 5/06 (2006.01) C07F 3/02 (2006.01) C07F 3/04 (2006.01) C07F 3/06 (2006.01)**

[25] EN

[54] **PROCESS FOR COATING SUPPORT SURFACE WITH POROUS METAL-ORGANIC FRAMEWORK**

[54] **PROCEDE DE REVETEMENT D'UNE SURFACE DE SUPPORT AVEC UNE STRUCTURE ORGANOMETALLIQUE (MOF) POREUSE**

[72] GAAB, MANUELA, DE  
[72] WEBER, ANDREA, DE  
[72] KOSTUR, MILAN, DE  
[72] MUELLER, ULRICH, DE  
[71] BASF SE, DE  
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[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 37/04 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR TREATMENT IN BROAD-SPECTRUM, UNDIFFERENTIATED OR MIXED CLINICAL APPLICATIONS**

[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DANS DES APPLICATIONS CLINIQUES A LARGE SPECTRE, INDIFFERENCIEES OU MIXTES**

[72] STARZL, TIMOTHY W., US  
[71] PANTHERYX, INC., US  
[85] 2013-05-22  
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[13] A1

[51] **Int.Cl. C04B 28/02 (2006.01) C04B 40/00 (2006.01)**

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[54] **PULVERULENT ACCELERATOR**

[54] **ACCELERATEUR PULVERULENT**

[72] LANGLOTZ, JUTTA KARIN, DE  
[72] FRIEDRICH, STEFAN, DE  
[72] HESSE, CHRISTOPH, DE  
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE  
[85] 2013-05-23  
[86] 2011-11-23 (PCT/EP2011/070820)  
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[30] EP (10192923.0) 2010-11-29

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[13] A1

[51] **Int.Cl. B01J 29/08 (2006.01) B01J 37/02 (2006.01) C10G 11/02 (2006.01)**

[25] EN

[54] **SODIUM TOLERANT ZEOLITE CATALYSTS AND PROCESSES FOR MAKING THE SAME**

[54] **CATALYSEURS A BASE DE ZEOLITHES AYANT UNE TOLERANCE AU SODIUM ET LEURS PROCEDES DE PREPARATION**

[72] SHU, YUYING, US  
[72] WORMSBECHER, RICHARD F., US  
[72] CHENG, WU-CHENG, US  
[71] W.R. GRACE & CO.-CONN., US  
[85] 2013-05-22  
[86] 2011-11-22 (PCT/US2011/061762)  
[87] (WO2012/071368)  
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[21] **2,818,830**  
[13] A1

[51] **Int.Cl. E21B 23/00 (2006.01) E21B 47/16 (2006.01)**

[25] EN

[54] **DOWNHOLE SYSTEM HAVING A WIRELESS UNIT**

[54] **SYSTEME DE FOND DE Puits COMPRENANT UNE UNITE SANS FIL**

[72] HALLUNDBAEK, JORGEN, DK  
[71] WELLTEC A/S, DK  
[85] 2013-05-23  
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[13] A1

[51] **Int.Cl. E21B 33/12 (2006.01)**  
[25] EN  
[54] **EXTENDING LINES THROUGH, AND PREVENTING EXTRUSION OF, SEAL ELEMENTS OF PACKER ASSEMBLIES**  
[54] **PROCEDE PERMETTANT D'ETENDRE DES CONDUITES A TRAVERS DES ELEMENTS ETANCHES D'ENSEMBLES GARNITURES D'ETANCHEITE ET D'EMPECHER LE DEGAGEMENT DE CES ELEMENTS ETANCHES**  
[72] ANDERSEN, KRISTIAN, NO  
[72] LYNG, SOLVE S., NO  
[72] HAUGEN, JONNY, NO  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
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[13] A1

[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/32 (2006.01)**  
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[72] THUEER, THOMAS URS, GB  
[72] MERCER, DAVID RICHARD, GB  
[72] KOUYOUMJIAN, GAREN, GB  
[72] BOYD, MALCOLM STANLEY, GB  
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
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[13] A1

[51] **Int.Cl. B01D 21/00 (2006.01) B03B 9/02 (2006.01) C10G 1/04 (2006.01)**  
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[54] **SYSTEME ET PROCEDE POUR LE TRAITEMENT DE SABLES PETROLIFERES**  
[72] KIMBALL, GREGORY J., US  
[72] BONEM, JOSEPH MERWYN, US  
[72] PHILLIPS, DAVID LONNIE, US  
[71] BEPEX INTERNATIONAL, LLC, US  
[85] 2013-05-21  
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[13] A1

[51] **Int.Cl. B27K 3/15 (2006.01) D21H 17/14 (2006.01) D21H 17/15 (2006.01) D21H 17/64 (2006.01) D21H 17/65 (2006.01) D21H 21/34 (2006.01) D21H 21/36 (2006.01)**  
[25] EN  
[54] **ENVIRONMENTALLY FRIENDLY WOOD TREATMENT PROCESS**  
[54] **PROCEDE DE TRAITEMENT DU BOIS RESPECTUEUX DE L'ENVIRONNEMENT**  
[72] HELLBERG, MARTEN, SE  
[72] OHRN, ANNA, SE  
[71] ORGANOCCLICK AB, SE  
[85] 2013-05-23  
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[30] SE (1051256-4) 2010-11-29

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[13] A1

[51] **Int.Cl. C10L 1/22 (2006.01) C10L 1/14 (2006.01) C10L 1/224 (2006.01) C10L 1/232 (2006.01) C10L 1/2383 (2006.01) C10L 3/00 (2006.01) C10L 10/00 (2006.01) C10L 10/08 (2006.01)**  
[25] EN  
[54] **USE OF THE REACTION PRODUCT FORMED FROM A HYDROCARBYL-SUBSTITUTED DICARBOXYLIC ACID AND A NITROGEN COMPOUND TO REDUCE FUEL CONSUMPTION**  
[54] **UTILISATION DU PRODUIT REACTIONNEL D'UN ACIDE DICARBONIQUE A SUBSTITUTION HYDROCARBYLE ET D'UN COMPOSE AZOTE POUR REDUIRE LA CONSOMMATION DE CARBURANT**  
[72] VOLKEL, LUDWIG, DE  
[72] WALTER, MARC, DE  
[72] BOHNKE, HARALD, DE  
[72] KONIG, HANNAH MARIA, DE  
[72] HANSCH, MARKUS, DE  
[71] BASF SE, DE  
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[87] (WO2012/072723)  
[30] EP (10193466.9) 2010-12-02

[21] **2,818,838**  
[13] A1

[51] **Int.Cl. H04L 12/24 (2006.01) G06F 15/16 (2006.01) H04L 29/06 (2006.01)**  
[25] EN  
[54] **OBTAINING UNIQUE ADDRESSES AND FULLY-QUALIFIED DOMAIN NAMES IN A SERVER HOSTING SYSTEM**  
[54] **OBTENTION D'ADRESSES UNIQUES ET DE NOMS DE DOMAINE TOTALEMENT QUALIFIES DANS UN SYSTEME D'HEBERGEMENT DE SERVEURS**  
[72] BRANDT, MARK S., US  
[72] HICKOFF, SANDY, US  
[72] LY, LINH, US  
[72] MCDONALD, KATHRYN A., US  
[72] NICHOLS, PATRICIA A., US  
[72] TREYDTE, JAMES E., US  
[71] UNISYS CORPORATION, US  
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[13] A1

[51] **Int.Cl. E04H 6/18 (2006.01) B60S 13/00 (2006.01) E04H 6/30 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR AUTOMATIC TRANSVERSE STORAGE OF AN AUTOMOTIVE VEHICLE IN A STORAGE FACILITY**  
[54] **DISPOSITIF ET PROCEDE PERMETTANT LE PARCAGE TRANSVERSAL AUTOMATIQUE D'UN VEHICULE A MOTEUR DANS UN PARKING**  
[72] MEIRER, LEOPOLD, DE  
[72] KOCH, RUPERT, DE  
[72] BELLAFLOR, CARY THOMAS, DE  
[71] SERVA TRANSPORT SYSTEMS GMBH, DE  
[85] 2013-05-23  
[86] 2011-11-29 (PCT/EP2011/005983)  
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[30] DE (10 2010 052 850.1) 2010-11-29

[21] **2,818,841**  
[13] A1

[51] **Int.Cl. B62D 55/253 (2006.01)**  
[25] EN  
[54] **RUBBER TRACK**  
[54] **CHENILLE EN CAOUTCHOUC**  
[72] NOMIZO, JUICHI, JP  
[71] BRIDGESTONE CORPORATION, JP  
[85] 2013-05-22  
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[87] (WO2012/070609)  
[30] JP (2010-262579) 2010-11-25

[21] **2,818,842**  
[13] A1

[51] **Int.Cl. A61K 31/137 (2006.01) A61K 31/341 (2006.01) A61K 31/381 (2006.01) A61K 31/4184 (2006.01) A61K 31/4402 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) C07C 211/27 (2006.01) C07C 211/29 (2006.01) C07C 217/58 (2006.01) C07C 255/58 (2006.01) C07D 233/58 (2006.01) C07D 235/08 (2006.01) C07D 473/16 (2006.01) C07D 473/34 (2006.01)**  
[25] EN  
[54] **DIPHENYL-AMINE DERIVATIVES: USES, PROCESS OF SYNTHESIS AND PHARMACEUTICAL COMPOSITIONS**  
[54] **DERIVES DE DIPHENYLAMINE : UTILISATIONS, PROCEDES DE SYNTHESE ET COMPOSITIONS PHARMACEUTIQUES**  
[72] RODES SOLANES, ROSA, ES  
[72] GARCIA DOMINGUEZ, NEFTALI, ES

[72] LOPEZ ORTEGA, BEATRIZ, ES  
[72] ALVAREZ DE MON SOTO, MELCHOR, ES  
[72] DE LA HERA MARTINEZ, ANTONIO, ES  
[72] MUNOZ MUNOZ, ANA, ES  
[72] LEDO GOMEZ, FRANCISCO, ES  
[71] FAES FARMA, S.A., ES  
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[87] (WO2012/069442)  
[30] EP (10382314.2) 2010-11-23

[21] **2,818,843**  
[13] A1

[51] **Int.Cl. G02B 6/38 (2006.01)**  
[25] EN  
[54] **FIELD-INSTALLABLE FIBER OPTIC CONNECTORS AND RELATED CABLE ASSEMBLIES**  
[54] **CONNECTEURS DE FIBRES OPTIQUES POUVANT ETRE INSTALLEES SUR LE TERRAIN ET ENSEMBLES DE CABLES ASSOCIES**  
[72] ISENHOUR, MICAH C., US  
[72] KNECHT, DENNIS M., US  
[72] LUTHER, JAMES P., US  
[71] CORNING CABLE SYSTEMS LLC, US  
[85] 2013-05-22  
[86] 2011-11-29 (PCT/US2011/062362)  
[87] (WO2012/074987)  
[30] US (61/418,171) 2010-11-30

[21] **2,818,844**  
[13] A1

[51] **Int.Cl. A61M 13/00 (2006.01)**  
[25] EN  
[54] **SYSTEM, DEVICE, AND METHOD FOR PROVIDING AND CONTROLLING THE SUPPLY OF A DISTENDING MEDIA FOR CT COLONOGRAPHY**  
[54] **SYSTEME, DISPOSITIF ET PROCEDE POUR FOURNIR ET REGLER L'APPORT D'UN MILIEU DE DISTENSION EN VUE D'UNE COLONOGRAPHIE CT**  
[72] BARISH, ALLYSON, US  
[72] CUSHNER, JEFFREY B., US  
[72] STEBBINS, CHRISTOPHER R., US  
[71] BRACCO DIAGNOSTICS INC., US  
[85] 2013-05-22  
[86] 2011-11-22 (PCT/US2011/061824)  
[87] (WO2012/071399)  
[30] US (61/417,017) 2010-11-24  
[30] US (61/499,321) 2011-06-21

[21] **2,818,845**  
[13] A1

[51] **Int.Cl. A01N 47/36 (2006.01) A01P 13/02 (2006.01)**  
[25] EN  
[54] **HERBICIDAL COMPOSITION COMPRISING FLAZASULFURON AND NICOSULFURON**  
[54] **COMPOSITION HERBICIDE COMPRENANT DU FLAZASULFURON ET DU NICOSULFURON**  
[72] KIKUGAWA, HIROSHI, JP  
[72] YAMADA, RYU, JP  
[72] OKAMOTO, HIROYUKI, JP  
[72] TERADA, TAKASHI, JP  
[71] ISHIHARA SANGYO KAISHA, LTD., JP  
[85] 2013-05-22  
[86] 2011-11-24 (PCT/JP2011/077736)  
[87] (WO2012/070688)  
[30] JP (2010-263748) 2010-11-26

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[21] **2,818,846**  
[13] A1

[51] **Int.Cl. C11D 1/66 (2006.01) C11D 3/00 (2006.01) C11D 3/20 (2006.01) C11D 3/22 (2006.01) C11D 3/37 (2006.01)**

[25] EN  
[54] **FABRIC CARE COMPOSITION**  
[54] **COMPOSITION DE SOIN D'ETOFFES**

[72] PANANDIKER, RAJAN KESHAV, US  
[72] KLUESENER, BERNARD WILLIAM, US

[72] FOSSUM, RENAE DIANNA, US  
[72] DORIA, HEATHER ANNE, US  
[72] JOHNSON, LENA VIRGINIA, US  
[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2013-05-22  
[86] 2011-11-30 (PCT/US2011/062546)  
[87] (WO2012/075086)  
[30] US (61/418,626) 2010-12-01

[21] **2,818,847**  
[13] A1

[51] **Int.Cl. C09K 8/588 (2006.01) E21B 43/22 (2006.01)**

[25] EN  
[54] **PROCESS FOR MINERAL OIL PRODUCTION USING HYDROPHOBICALLY ASSOCIATING COPOLYMERS**  
[54] **PROCEDE D'EXTRACTION DE PETROLE EN UTILISANT DES COPOLYMERES ASSOCIATIFS HYDROPHOBES**

[72] LANGLOTZ, BJORN, DE  
[72] REICHENBACH-KLINKE, ROLAND, DE

[71] BASF SE, DE

[85] 2013-05-23  
[86] 2011-11-22 (PCT/EP2011/070690)  
[87] (WO2012/069478)  
[30] EP (10192334.0) 2010-11-24

[21] **2,818,848**  
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 30/00 (2012.01)**

[25] EN  
[54] **METHOD FOR PROVIDING MULTI-LEVEL MEMBERSHIP MANAGEMENT SERVICE**  
[54] **PROCEDE DE FOURNITURE DE SERVICE DE GESTION D'ADHESION A PLUSIEURS NIVEAUX**

[72] RHO, KYOO SOO, KR  
[71] RHO, KYOO SOO, KR

[85] 2013-05-22  
[86] 2011-02-24 (PCT/KR2011/001278)  
[87] (WO2012/115292)

[21] **2,818,849**  
[13] A1

[51] **Int.Cl. G02F 1/361 (2006.01)**

[25] EN  
[54] **STABLE FREE RADICAL CHROMOPHORES AND MIXTURES THEREOF, PROCESSES FOR PREPARING THE SAME, NONLINEAR OPTIC MATERIALS, AND USES THEREOF IN NONLINEAR OPTICAL APPLICATIONS**  
[54] **CHROMOPHORES A RADICAL LIBRE STABLE ET LEURS MELANGES, PROCEDES DE PREPARATION ASSOCIES, MATERIAUX OPTIQUES NON LINEAIRES, ET LEURS UTILISATIONS DANS DES APPLICATIONS OPTIQUES NONLINEAIRES**

[72] GOETZ, FREDERICK J., US  
[72] ASHTON, ANDREW, US  
[72] EATON, DAVID F., US  
[72] ARDUENGO, ANTHONY J., US  
[72] SIMMONS, HOWARD E., US  
[72] RUNYON, JASON W., US  
[72] GOETZ, FREDERICK J., US  
[71] LIGHTWAVE LOGIC, INC., US

[85] 2013-05-22  
[86] 2011-11-30 (PCT/US2011/062627)  
[87] (WO2012/075130)  
[30] US (61/418,136) 2010-11-30

[21] **2,818,850**  
[13] A1

[51] **Int.Cl. E21B 23/00 (2006.01) E21B 41/00 (2006.01)**

[25] EN  
[54] **WIRELESS DOWNHOLE UNIT**  
[54] **UNITE DE FOND DE PUITTS SANS FIL**

[72] HALLUNDBAEK, JORGEN, DK  
[72] LARSEN, JESPER OLUF, DK  
[71] WELLTEC A/S, DK

[85] 2013-05-23  
[86] 2011-11-23 (PCT/EP2011/070819)  
[87] (WO2012/069540)  
[30] EP (10192382.9) 2010-11-24

[21] **2,818,852**  
[13] A1

[51] **Int.Cl. H04N 7/015 (2006.01) H04B 7/04 (2006.01)**

[25] EN  
[54] **BROADCAST SIGNAL TRANSMITTING APPARATUS, BROADCAST SIGNAL RECEIVING APPARATUS, AND BROADCAST SIGNAL TRANSCIEIVING METHOD IN A BROADCAST SIGNAL TRANSCIEIVING APPARATUS**  
[54] **APPAREIL D'EMISSION DE SIGNAL DE DIFFUSION, APPAREIL DE RECEPTION DE SIGNAL DE DIFFUSION, ET PROCEDE D'EMISSION-RECEPTION DE SIGNAL DE DIFFUSION DANS UN APPAREIL D'EMISSION-RECEPTION DE SIGNAL DE DIFFUSION**

[72] HONG, HO TAEK, KR  
[71] LG ELECTRONICS INC., KR

[85] 2013-05-22  
[86] 2011-04-01 (PCT/KR2011/002284)  
[87] (WO2011/122908)  
[30] US (61/319,880) 2010-04-01

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[13] A1

[51] **Int.Cl. C07H 19/06 (2006.01) A61K 31/7068 (2006.01) A61K 31/7072 (2006.01) A61K 31/7076 (2006.01) A61P 31/14 (2006.01) C07H 19/10 (2006.01) C07H 19/16 (2006.01) C07H 19/20 (2006.01) C07H 23/00 (2006.01)**

[25] EN  
[54] **COMPOUNDS**  
[54] **COMPOSES**  
[72] DU, JINFA, US  
[72] SOFIA, MICHAEL JOSEPH, US  
[71] GILEAD PHARMASSET LLC, US  
[85] 2013-05-22  
[86] 2011-11-30 (PCT/US2011/062643)  
[87] (WO2012/075140)  
[30] US (61/417,946) 2010-11-30

[21] **2,818,855**  
[13] A1

[51] **Int.Cl. H02M 3/335 (2006.01) H01F 27/38 (2006.01)**

[25] EN  
[54] **A METHOD FOR INCREASING POWER TRANSFERRED BY AN INTEGRATED INDUCTOR AND A RESONANT-MODE POWER SUPPLY WITH AN INTEGRATED INDUCTOR**  
[54] **PROCEDE PERMETTANT D'AUGMENTER LA PUISSANCE TRANSFEREE PAR UNE INDUCTANCE INTEGREE ET ALIMENTATION ELECTRIQUE A MODE RESONANT COMPRENANT UNE INDUCTANCE INTEGREE**  
[72] WOREK, CEZARY, PL  
[72] LIGENZA, SLAWOMIR, PL  
[71] AKADEMIA GORNICZO-HUTNICZA IM. STANISLAWA STASZICA W KRAKOWIE, PL  
[85] 2013-05-23  
[86] 2011-12-01 (PCT/EP2011/071499)  
[87] (WO2012/072732)  
[30] PL (393133) 2010-12-03

[21] **2,818,856**  
[13] A1

[51] **Int.Cl. H01R 43/20 (2006.01) H01R 12/71 (2011.01) H01R 13/6599 (2011.01) G01R 1/067 (2006.01) H01R 13/24 (2006.01)**

[25] EN  
[54] **ELECTRICAL CONNECTOR WITH EMBEDDED SHELL LAYER**  
[54] **CONNECTEUR ELECTRIQUE AVEC COUCHE D'ENVELOPPE INCORPOREE**  
[72] HENRY, DAVID, US  
[72] ZHOU, JIACHUN, US  
[72] PRABAKARAN, KANAPATHIPILLAI, US  
[72] JI, YINGDONG, CN  
[71] INTERCONNECT DEVICES, INC., US  
[85] 2013-05-22  
[86] 2011-12-01 (PCT/US2011/062815)  
[87] (WO2012/075240)  
[30] US (12/959,038) 2010-12-02

[21] **2,818,858**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/04 (2006.01) A61B 17/34 (2006.01) A61M 25/01 (2006.01) A61M 25/10 (2013.01)**

[25] EN  
[54] **SURGICAL STABILIZER AND CLOSURE SYSTEM**  
[54] **STABILISATEUR CHIRURGICAL ET SYSTEME DE FERMETURE**  
[72] MANOUCHEHR, MIRAKI, US  
[71] EDWARDS LIFESCIENCES CORPORATION, US  
[85] 2013-05-22  
[86] 2011-11-28 (PCT/US2011/062209)  
[87] (WO2012/074913)  
[30] US (61/418,188) 2010-11-30  
[30] US (13/301,515) 2011-11-21

[21] **2,818,859**  
[13] A1

[51] **Int.Cl. E21B 4/14 (2006.01)**

[25] EN  
[54] **ANNULUS RING HOLE DRILL**  
[54] **PERFORATEUR DE FOND DE TROU A ANNULAIRE**  
[72] CHAN, LEUNG CHOI, HK  
[72] CHAN, KIN CHOI, HK  
[71] TOP MARK MECHANICAL EQUIPMENT LIMITED, HK  
[85] 2013-05-22  
[86] 2012-02-10 (PCT/CN2012/071040)  
[87] (WO2012/106999)  
[30] US (61/441,656) 2011-02-11

[21] **2,818,860**  
[13] A1

[51] **Int.Cl. B01J 23/44 (2006.01) B01J 19/24 (2006.01) B01J 29/04 (2006.01) C01B 3/26 (2006.01) C10G 45/10 (2006.01)**

[25] EN  
[54] **DIESEL OXIDATION CATALYST ARTICLES AND METHODS OF MAKING AND USING**  
[54] **ARTICLES CATALYSEURS D'OXYDATION DU DIESEL ET PROCEDES DE FABRICATION ET D'UTILISATION**  
[72] WEI, XINYI, US  
[72] ROTH, STANLEY, US  
[71] BASF CORPORATION, US  
[85] 2013-05-22  
[86] 2011-11-22 (PCT/US2011/061860)  
[87] (WO2012/071421)  
[30] US (12/954,257) 2010-11-24

[21] **2,818,861**  
[13] A1

[51] **Int.Cl. E04D 13/14 (2006.01)**

[25] EN  
[54] **ROOFING COMPOSITION**  
[54] **COMPOSITION POUR TOITURE**  
[72] BEALL, JERRY, US  
[71] SEAMAN CORPORATION, US  
[85] 2013-05-23  
[86] 2011-11-16 (PCT/US2011/060965)  
[87] (WO2012/074750)  
[30] US (12/953,853) 2010-11-24

[21] **2,818,863**  
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**

[25] EN  
[54] **CUSHIONED RESILIENT INTRAVAGINAL URINARY INCONTINENCE DEVICE**  
[54] **DISPOSITIF D'INCONTINENCE URINAIRE INTRAVAGINAL ELASTIQUE AMORTI**  
[72] MAVINKURVE, PRAMOD, US  
[72] HOU, MARI, US  
[72] HULL, RAYMOND J., JR., US  
[72] ROSENFELD, LEONARD, US  
[71] MCNEIL-PPC, INC., US  
[85] 2013-05-23  
[86] 2011-11-18 (PCT/US2011/061314)  
[87] (WO2012/074779)  
[30] US (12/956,824) 2010-11-30

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[13] A1

[51] **Int.Cl. A61K 8/72 (2006.01) A61K 8/73 (2006.01) A61K 8/81 (2006.01) A61K 8/92 (2006.01) A61K 8/97 (2006.01) A61Q 11/00 (2006.01)**

[25] EN

[54] **ORAL COMPOSITIONS**

[54] **COMPOSITIONS ORALES**

[72] GU, BEN, US

[72] HASSAN, MAHMOUD, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2013-05-22

[86] 2011-12-06 (PCT/US2011/063367)

[87] (WO2012/082450)

[30] US (61/422,493) 2010-12-13

[21] **2,818,865**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR AUTOMATED PERSONAL TRAINING THAT INCLUDES TRAINING PROGRAMS**

[54] **PROCEDE ET SYSTEME DESTINES A UN APPRENTISSAGE PERSONNEL AUTOMATISE COMPRENANT DES PROGRAMMES D'APPRENTISSAGE**

[72] CHEN, ANNIE, US

[72] SELF, CHRISTY, US

[72] BLAHNIK, JAY, US

[72] WINSPER, PAUL, US

[71] NIKE INTERNATIONAL LTD., US

[85] 2013-05-22

[86] 2011-11-23 (PCT/US2011/062114)

[87] (WO2012/071548)

[30] US (61/417,102) 2010-11-24

[30] US (61/422,511) 2010-12-13

[30] US (61/432,472) 2011-01-13

[30] US (61/433,792) 2011-01-18

[30] US (13/290,359) 2011-11-07

[21] **2,818,866**  
[13] A1

[51] **Int.Cl. F01P 11/06 (2006.01) B01D 41/04 (2006.01)**

[25] EN

[54] **FILTER WITH DISSOLVABLE SEAL**

[54] **FILTRE A JOINT DISSOLVABLE**

[72] BEARD, JOHN, US

[71] CLARCOR INC., US

[85] 2013-05-22

[86] 2011-12-07 (PCT/US2011/063744)

[87] (WO2012/078758)

[30] US (12/962,756) 2010-12-08

[21] **2,818,867**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**

[25] EN

[54] **FATIGUE INDICES AND USES THEREOF**

[54] **INDICES DE FATIGUE ET LEURS UTILISATIONS**

[72] ARAGONES, TESA, US

[72] CHEN, ANNIE, US

[72] SELF, CHRISTY, US

[72] BLAHNIK, JAY, US

[72] WINSPER, PAUL, US

[71] NIKE INTERNATIONAL LTD., US

[85] 2013-05-22

[86] 2011-11-23 (PCT/US2011/062117)

[87] (WO2012/071551)

[30] US (61/417,102) 2010-11-24

[30] US (61/422,511) 2010-12-13

[30] US (61/432,472) 2011-01-13

[30] US (61/433,792) 2011-01-18

[30] US (13/290,359) 2011-11-07

[30] US (13/290,478) 2011-11-07

[21] **2,818,868**  
[13] A1

[51] **Int.Cl. G06Q 40/04 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR PRODUCT-LEVEL AND CONTRACT-LEVEL RISK COMPUTATIONS AND MANAGEMENT**

[54] **SYSTEMES ET PROCEDES POUR LA GESTION ET LE CALCUL DES RISQUES AU NIVEAU PRODUIT ET AU NIVEAU CONTRAT**

[72] GARLANGER, ANDREA C., US

[72] MESSINA, PATRICIA A., US

[72] MITTAL, BHARAT, US

[71] TRADING TECHNOLOGIES INTERNATIONAL, INC., US

[85] 2013-05-23

[86] 2011-11-18 (PCT/US2011/061450)

[87] (WO2012/071277)

[30] US (12/952,816) 2010-11-23

[21] **2,818,869**  
[13] A1

[51] **Int.Cl. C08G 63/08 (2006.01) A61K 47/30 (2006.01) C08F 20/10 (2006.01) C08F 283/01 (2006.01) C08J 3/12 (2006.01)**

[25] EN

[54] **BIODEGRADABLE STEALTH POLYMERIC PARTICLES FABRICATED USING THE MACROMONOMER APPROACH BY FREE RADICAL DISPERSION POLYMERIZATION**

[54] **PARTICULES POLYMERES FURTIVES BIODEGRADABLES FABRIQUEES SELON L'APPROCHE MACROMONOMERIQUE PAR POLYMERISATION RADICALAIRE EN DISPERSION**

[72] AKALA, EMMANUEL OYEKANMI, US

[72] ADESINA, SIMEON KOLAWOLE, US

[71] HOWARD UNIVERSITY, US

[85] 2013-05-22

[86] 2011-11-22 (PCT/US2011/061902)

[87] (WO2012/071441)

[30] US (12/952,843) 2010-11-23

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[13] A1

[51] **Int.Cl. C07D 231/12 (2006.01) A61K 31/415 (2006.01) A61K 31/496 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **INTEGRIN-LINKED KINASE INHIBITORS**

[54] **INHIBITEURS DE KINASE LIEE A L'INTEGRINE**

[72] CHEN, CHING-SHIH, US

[72] LEE, SU-LIN, US

[72] KULP, SAMUEL K., US

[71] THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION, US

[85] 2013-05-23

[86] 2011-11-21 (PCT/US2011/061613)

[87] (WO2012/071310)

[30] US (61/416,804) 2010-11-24

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[21] **2,818,872**  
[13] A1

[51] **Int.Cl. E21B 43/241 (2006.01)**

[25] EN

[54] **EXTRACTION OF OIL FROM OIL SAND**

[54] **EXTRACTION DE PETROLE A PARTIR DE SABLE PETROLIFERE**

[72] JORDAN, RICHARD D., US

[72] SCHLOSBERG, RICHARD H., US

[71] EPIC OIL EXTRACTORS, LLC, US

[85] 2013-05-22

[86] 2012-06-29 (PCT/US2012/044813)

[87] (WO2013/003672)

[30] US (61/502,632) 2011-06-29

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[13] A1

[51] **Int.Cl. C08F 265/06 (2006.01) A61K 47/30 (2006.01) C08F 220/10 (2006.01) C08F 220/18 (2006.01) C08F 283/06 (2006.01)**

[25] EN

[54] **STEALTH POLYMERIC PARTICLES FOR DELIVERY OF BIOACTIVE OR DIAGNOSTIC AGENTS**

[54] **PARTICULES POLYMERES FURTIVES SERVANT A ADMINISTRER DES AGENTS BIOACTIFS OU DE DIAGNOSTIC**

[72] AKALA, EMMANUEL OYEKANMI, US

[72] OKUNOLA, OLUYOMI MODUPE, US

[71] HOWARD UNIVERSITY, US

[85] 2013-05-22

[86] 2011-11-22 (PCT/US2011/061917)

[87] (WO2012/071452)

[30] US (12/952,856) 2010-11-23

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[21] **2,818,874**  
[13] A1

[51] **Int.Cl. B01F 3/08 (2006.01) B01F 5/06 (2006.01) B01F 13/00 (2006.01) B01F 15/04 (2006.01) E21B 21/06 (2006.01)**

[25] EN

[54] **POLYMER BLENDING SYSTEM**

[54] **SYSTEME DE MELANGE DE POLYMERES**

[72] NOLES, JERRY W., US

[71] NOLES, JERRY W., US

[85] 2013-05-23

[86] 2011-11-21 (PCT/US2011/061719)

[87] (WO2012/071351)

[30] US (12/952,373) 2010-11-23

[30] US (13/216,329) 2011-08-24

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[21] **2,818,875**  
[13] A1

[51] **Int.Cl. A47J 31/42 (2006.01) A47J 31/057 (2006.01) A47J 31/24 (2006.01) A47J 31/54 (2006.01) A23F 5/00 (2006.01)**

[25] EN

[54] **BREWED BEVERAGE APPLIANCE AND METHOD**

[54] **APPAREIL DE BOISSON INFUSEE ET PROCEDE**

[72] LAI, KIN MAN, CN

[72] FUNG, KAM FAI, CN

[72] SCHNABEL, BARBARA LYNN, US

[72] ORENT, JILL FRANCES KREUTZER, US

[71] CONAIR CORPORATION, US

[85] 2013-06-06

[86] 2012-06-27 (PCT/US2012/044281)

[87] (WO2013/039590)

[30] US (13/230,980) 2011-09-13

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[21] **2,818,876**  
[13] A1

[51] **Int.Cl. A61B 17/16 (2006.01)**

[25] EN

[54] **SYSTEM FOR USE IN TREATMENT OF VERTEBRAL FRACTURES**

[54] **SYSTEME UTILISABLE DANS LE CADRE DU TRAITEMENT DES FRACTURES VERTEBRALES**

[72] GERMAIN, AARON, US

[71] DFINE, INC., US

[85] 2013-05-22

[86] 2011-11-22 (PCT/US2011/061942)

[87] (WO2012/071464)

[30] US (61/416,042) 2010-11-22

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[21] **2,818,877**  
[13] A1

[51] **Int.Cl. E04C 2/06 (2006.01) B32B 13/02 (2006.01) B32B 37/24 (2006.01)**

[25] EN

[54] **IMPROVED FIBERGLASS MESH SCRIM REINFORCED CEMENTITIOUS BOARD SYSTEM**

[54] **SYSTEME DE PANNEAU CIMENTAIRE RENFORCE PAR UN CANEVAS MAILLE EN FIBRE DE VERRE AMELIORE**

[72] DUBEY, ASHISH, US

[72] PENG, YANFEI, US

[71] UNITED STATES GYPSUM COMPANY, US

[85] 2013-05-22

[86] 2011-11-23 (PCT/US2011/062012)

[87] (WO2012/078366)

[30] US (12/965,208) 2010-12-10

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[21] **2,818,878**  
[13] A1

[51] **Int.Cl. G06K 19/07 (2006.01)**  
[25] EN  
[54] **THIN MOUNT RFID TAGGING SYSTEMS**  
[54] **SYSTEMES D'ETIQUETAGE RFID FINS**  
[72] BINMORE, IAN REX, US  
[71] AXON TUBULAR PRODUCTS, INC., US  
[85] 2013-05-22  
[86] 2011-11-22 (PCT/US2011/061944)  
[87] (WO2012/071465)  
[30] US (12/953,289) 2010-11-23

[21] **2,818,879**  
[13] A1

[51] **Int.Cl. F16C 27/04 (2006.01) F16C 35/077 (2006.01) H02K 7/00 (2006.01) H02K 7/14 (2006.01)**  
[25] EN  
[54] **ELECTRIC MACHINE, IN PARTICULAR OF A PUMP UNIT**  
[54] **MACHINE ELECTRIQUE, EN PARTICULIER APPARTENANT A UN GROUPE POMPE**  
[72] GUTJAHR, FRANK, DE  
[72] LEMKE, PETER, DE  
[71] BAUMULLER NURNBERG GMBH, DE  
[85] 2013-05-23  
[86] 2011-05-18 (PCT/EP2011/002459)  
[87] (WO2012/079654)  
[30] DE (10 2010 054 800.6) 2010-12-16  
[30] DE (10 2011 009 714.7) 2011-01-29

[21] **2,818,880**  
[13] A1

[51] **Int.Cl. B29C 45/16 (2006.01)**  
[25] EN  
[54] **HEAT-SEAL FAILURE PREVENTION METHOD AND ARTICLE**  
[54] **PROCEDE PERMETTANT D'EVITER L'ECHEC D'UN SCELLAGE A CHAUD, ET ARTICLE**  
[72] SWENSON, PAUL M., US  
[71] KORTEC, INC., US  
[85] 2013-05-22  
[86] 2011-11-23 (PCT/US2011/062017)  
[87] (WO2012/071497)  
[30] US (61/416,903) 2010-11-24

[21] **2,818,881**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G21C 17/07 (2006.01)**  
[25] EN  
[54] **FULL SPECTRUM LOCAL EVALUATION MODEL AND ANALYSIS METHODOLOGY**  
[54] **MODELE D'EVALUATION COMPLETE ET METHODOLOGIE D'ANALYSE D'UN ACCIDENT PAR DEFAUT DE REFROIDISSEMENT**  
[72] FREPOLI, CESARE, US  
[72] OHKAWA, KATSUHIRO, US  
[71] WESTINGHOUSE ELECTRIC COMPANY LLC, US  
[85] 2013-05-22  
[86] 2011-11-23 (PCT/US2011/061987)  
[87] (WO2012/071483)  
[30] US (61/416,371) 2010-11-23  
[30] US (13/303,188) 2011-11-23

[21] **2,818,882**  
[13] A1

[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/423 (2006.01)**  
[25] EN  
[54] **BENZOXAZEPINES AS INHIBITORS OF PI3K/MTOR AND METHODS OF THEIR USE AND MANUFACTURE**  
[54] **BENZOXAZEPINES EN TANT QU'INHIBITEURS DE PI3K/MTOR, ET LEURS PROCEDES D'UTILISATION ET DE FABRICATION**  
[72] KENNETH, RICE, US  
[71] EXELIXIS, INC., US  
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[86] 2011-11-23 (PCT/US2011/062029)  
[87] (WO2012/074869)  
[30] US (61/417,142) 2010-11-24

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[54] **PROCEDE DE PRODUCTION D'ACETATE DE VINYLE**  
[72] SALISBURY, BRIAN A., US  
[72] HALLINAN, NOEL C., US  
[72] ORAN OSMENT, JENNY M., US  
[71] LYONDELL CHEMICAL TECHNOLOGY, L.P., US  
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[30] US (12/953,959) 2010-11-24

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[25] EN  
[54] **A METHOD AND A SYSTEM FOR PRODUCING NANOCELLULOSE, AND NANOCELLULOSE**  
[54] **PROCEDE ET SYSTEME DE PRODUCTION DE NANOCELLULOSE, ET NANOCELLULOSE**  
[72] VEHNIAINEN, ANNIKKI, FI  
[72] GUSTAFSSON, HELMER (DECEASED), FI  
[72] KOSKINEN, TIMO, FI  
[71] UPM-KYMMENE CORPORATION, FI  
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[54] **BENZOXAZEPINES AS INHIBITORS OF MTOR AND METHODS OF THEIR USE AND MANUFACTURE**  
[54] **BENZOXAZEPINES EN TANT QU'INHIBITEURS DE MTOR ET PROCEDES DE LEURS UTILISATION ET FABRICATION**  
[72] RICE, KENNETH, US  
[71] EXELIXIS, INC., US  
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[54] **MAILLET COMPORTANT UNE POINTE DE MAILLET EN PLUSIEURS PARTIES**  
[72] DOPPSTADT, JOHANN, DE  
[72] BERGER, HORST, DE  
[71] DOPPSTADT FAMILIENHOLDING GMBH, DE  
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[54] **AGENTS DE DIAGNOSTIC ET/OU DE CRIBLAGE ET UTILISATIONS DE CEUX-CI**  
[72] BRANDON, RICHARD BRUCE, AU  
[72] THOMAS, MERVYN REES, AU  
[72] STONE, GLENN, AU  
[71] IMMUNEXPRESS PTY LTD, AU  
[85] 2013-05-23  
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[54] **RADIATION PATTERN RECOGNITION SYSTEM AND METHOD FOR A MOBILE COMMUNICATIONS DEVICE**  
[54] **SYSTEME ET PROCEDE DE RECONNAISSANCE DE DIAGRAMME DE RAYONNEMENT POUR DISPOSITIF DE COMMUNICATION MOBILE**  
[72] KANJ, HOUSSAM, CA  
[72] ALI, SHIROOK, CA  
[72] GU, HUANHUAN, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[85] 2013-05-23  
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[54] **BENZOXAZEPINES AS INHIBITORS OF P13K/MTOR AND METHODS OF THEIR USE AND MANUFACTURE**  
[54] **BENZOXAZEPINES EN TANT QU'INHIBITEURS DE P13K/MTOR ET PROCEDES DE LEURS UTILISATION ET FABRICATION**  
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[72] FOSTER, PAUL, US  
[71] EXELIXIS, INC., US  
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[54] **METHODE ET SYSTEME POUR LE PRONOSTIC ET LE TRAITEMENT DE MALADIES A L'AIDE D'UN PORTEFEUILLE DE GENES**  
[72] KANDULA, MAHESH, IN  
[71] KRISANI BIOSCIENCES (P) LTD, IN  
[85] 2013-05-23  
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[72] GALER, BRADLEY S., US  
[72] NEWSAM, JOHN M., US  
[72] BUYUKTIMKIN, NADIR, US  
[72] BUYUKTIMKIN, SERVET, US  
[72] KISAK, EDWARD T., US  
[72] SINGH, JAGAT, CA  
[71] NUVO RESEARCH INC., CA  
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[72] HAYNES, BARTON F., US  
[72] VERKOCZY, LAURENT, US  
[72] MOODY, ANTHONY M., US  
[72] HOLL, MATT T., US  
[72] KURAOKA, MASAYUKI, US  
[72] KELSOE, GARNETT, US  
[71] DUKE UNIVERSITY, US

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[13] A1

[51] **Int.Cl. H04W 28/24 (2009.01)**

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[54] **METHOD, DEVICE, AND SYSTEM FOR MANAGING QUALITY OF SERVICE**

[54] **PROCEDE, DISPOSITIF ET SYSTEME PERMETTANT DE GERER UNE QUALITE DE SERVICE**

[72] CHEN, JING, CN  
[72] YE, XIAOBING, CN  
[71] HUAWEI TECHNOLOGIES CO., LTD., CN

[85] 2013-05-23  
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[54] **PROTEIN DELIVERY FROM STEM CELL MICROCARRIERS**

[54] **ADMINISTRATION DE PROTEINES A PARTIR DE MICROVECTEURS DE CELLULES SOUCHES**

[72] BOYAN, BARBARA DALE, US  
[72] SCHWARTZ, ZVI, US  
[72] LEE, CHRISTOPHER S.D, US  
[72] LESLIE, SHIRAE KERISHA, US  
[72] KINNEY, RAMSEY C., US  
[71] GEORGIA TECH RESEARCH CORPORATION, US

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[13] A1

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[54] **PROCESS FOR THE PREPARATION OF (3R, 3AS, 6AR)-HEXAHYDROFURO [2, 3- B] FURAN-3-OL**

[54] **PROCEDE POUR LA PREPARATION DE (3R,3AS,6AR)-HEXAHYDROFURO[2,3-B]FURAN-3-OL**

[72] VELLENKI, SIVA RAMA PRASAD, IN  
[72] SAHU, ARABINDA, IN  
[72] SHIMPI, NITIN ASHOK, IN  
[72] PONNURU, ANIL KUMAR, IN  
[72] KOTHARI, SATISH BABU, IN  
[71] MATRIX LABORATORIES LTD, IN

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[13] A1

[51] **Int.Cl. F04C 5/00 (2006.01) B29D 24/00 (2006.01)**

[25] EN  
[54] **METHODS AND APPARATUS FOR ENHANCING ELASTOMERIC STATOR INSERT MATERIAL PROPERTIES WITH RADIATION**

[54] **PROCEDES ET EQUIPEMENT POUR AMELIORER PAR RAYONNEMENT LES PROPRIETES DE LA MATIERE D'UN INSERT DE STATOR ELASTOMERE**

[72] BUTUC, STEFAN M., US  
[71] NATIONAL OILWELL VARCO, L.P., US

[85] 2013-05-23  
[86] 2011-11-22 (PCT/US2011/061782)  
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[54] **SUBSTITUTED PYRIDINES HAVING HERBICIDAL ACTIVITY**

[54] **PYRIDINES SUBSTITUEES PRESENTANT UNE ACTIVITE HERBICIDE**

[72] WITSCHHEL, MATTHIAS, DE  
[72] MOBERG, WILLIAM KARL, DE  
[72] PARRA RAPADO, LILIANA, DE  
[72] BESONG, GILBERT, DE  
[72] RACK, MICHAEL, DE  
[72] KLOET, ANDREE VAN DER, DE  
[72] SEITZ, THOMAS, DE  
[72] REINGRUBER, RUDIGER, DE  
[72] KRAUS, HELMUT, FR  
[72] HUTZLER, JOHANNES, DE  
[72] NEWTON, TREVOR WILLIAM, DE  
[72] LERCHL, JENS, DE  
[72] KREUZ, KLAUS, DE  
[72] GROSSMANN, KLAUS, DE  
[72] EVANS, RICHARD ROGER, DE  
[71] BASF SE, DE

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[54] **BENZOXAZEPINES AS INHIBITORS OF PI3K/MTOR AND METHODS OF THEIR USE AND MMANUFACTURE**

[54] **BENZOXAZEPINES EN TANT QU'INHIBITEURS DE PI3K/MTOR ET PROCEDES DE LEURS UTILISATION ET FABRICATION**

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[71] EXELIXIS, INC., US  
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[54] **INTERPOLYMER CROSSLINKED GEL AND METHOD OF USING**

[54] **GEL RETICULE D'INTERPOLYMER ET PROCEDE D'UTILISATION**

[72] SULLIVAN, PHILIP F., US  
[72] HUTCHINS, RICK D., US  
[72] MIRAKYAN, ANDREY, US  
[72] TUSTIN, GARY JOHN, GB  
[72] LIN, LIJUN, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2013-05-23  
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[54] **ACCES DESTINE A EVITER LE RAYONNEMENT ELECTROMAGNETIQUE**

[72] ROSS, PETER, GB  
[71] CP CASES LTD, GB  
[85] 2013-05-23  
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[54] **CASEIN KINASE IDELTA (CKIDELTA) INHIBITORS**

[54] **INHIBITEURS DE CASEINE KINASE 1 DELTA (CKIDELTA)**

[72] SHERIDAN, JOSEPH M., GB  
[72] HEAL, JONATHAN R., GB  
[72] HAMILTON, WILLIAM D.O., GB  
[72] PIKE, IAN, GB  
[71] ELECTROPHORETICS LIMITED, GB  
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[54] **UNAUTHORIZED LOCATION DETECTION AND COUNTERMEASURES**

[54] **DETECTION DE LOCALISATION NON AUTORISEE ET CONTRE-MESURES**

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[72] ANDERSON, ROBERT J., US  
[72] WARD, MATTHEW L., US  
[71] TRUEPOSITION, INC., US  
[85] 2013-05-22  
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[54] **SYSTEMS AND METHODS FOR GENERATING A CROSS-PRODUCT MATRIX IN A SINGLE PASS THROUGH DATA USING SINGLE PASS LEVELIZATION**

[54] **SYSTEMES ET PROCEDES POUR GENERER UNE MATRICE DES PRODUITS CROISES EN UNE SEULE PASSE A TRAVERS DES DONNEES A L'AIDE D'UN NIVELLEMENT EN UNE SEULE PASSE**

[72] SCHABENBERGER, OLIVER, US  
[72] GOODNIGHT, JAMES HOWARD, US  
[71] SAS INSTITUTE INC., US  
[85] 2013-05-22  
[86] 2011-12-12 (PCT/US2011/064340)  
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[54] **APPAREIL DE TYPE VALVE**

[72] HUGHES, JIM, AU  
[72] PARKER, DALE, AU  
[71] HP WELLHEAD SOLUTIONS PTY LTD, AU  
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[25] EN	[25] EN	[25] EN
[54] <b>HYBRID MOLECULES CONTAINING PHARMACOPHORES OF FLUCONAZOLE AS ANTIFUNGAL AGENTS AND THEIR PREPARATION</b>	[54] <b>HEAT SINK FOR A THERMALLY EFFICIENT BUSWAY JOINT PACK</b>	[54] <b>AN AC CURRENT OR VOLTAGE SENSOR</b>
[54] <b>MOLECULES HYBRIDES CONTENANT DES PHARMACOPHORES DE FLUCONAZOLE COMME AGENTS ANTIFONGIQUES ET LEUR PREPARATION</b>	[54] <b>DISSIPATEUR THERMIQUE POUR UN BLOC DE JONCTION DE BARRE BLINDEE THERMIQUEMENT EFFICACE</b>	[54] <b>DISPOSITIF DE DETECTION DE COURANT OU DE TENSION EN C.A.</b>
[72] BORATE, HANUMANT BAPURAO, IN	[72] DOZIER, STEVEN WAYNE, US	[72] SORENSEN, THOMAS, IE
[72] SAWARGAVE, SANGMESHWER PRABHAKAR, IN	[72] WILLIFORD, MATTHEW A., US	[72] O'REILLY, CONNOR VALENTINE, IE
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[72] CHANDAVARKAR, MOHAN ANAND, IN	[85] 2013-05-22	[85] 2013-05-23
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[71] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN		
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[30] IN (1750/MUM/2011) 2011-06-15		
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[51] <b>Int.Cl. H04W 84/18 (2009.01) H04W 40/00 (2009.01)</b>	[51] <b>Int.Cl. C22C 38/06 (2006.01) C21D 8/02 (2006.01) C21D 9/46 (2006.01)</b>	[51] <b>Int.Cl. C12N 15/10 (2006.01) A01H 1/00 (2006.01) C12N 15/11 (2006.01) C12N 15/82 (2006.01)</b>
[25] EN	[25] EN	[25] EN
[54] <b>MANAGING SHORT RANGE WIRELESS DATA TRANSMISSIONS</b>	[54] <b>STEEL SHEET FOR BOTTOM COVERS OF AEROSOL CANS AND METHOD FOR PRODUCING SAME</b>	[54] <b>METHODS FOR THE PRODUCTION OF SYNTHETIC PROMOTERS WITH DEFINED SPECIFICITY</b>
[54] <b>GESTION DE TRANSMISSIONS DE DONNEES SANS FIL A COURTE PORTEE</b>	[54] <b>TOLE EN ACIER DESTINEE AUX REVETEMENTS INFERIEURS DE BOMBES AEROSOL ET SON PROCEDE DE FABRICATION</b>	[54] <b>PROCEDES DE PRODUCTION DE PROMOTEURS SYNTHETIQUES AYANT UNE SPECIFICITE DEFINIE</b>
[72] FYKE, STEVEN, CA	[72] TORISU, KEIICHIRO, JP	[72] LOYALL, LINDA PATRICIA, DE
[71] RESEARCH IN MOTION LIMITED, CA	[72] TANAKA, SEIICHI, JP	[72] KUHN, JOSEF MARTIN, DE
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[86] 2011-11-23 (PCT/IB2011/003024)	[72] MATSUNAGA, JYUNICHI, JP	[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[87] (WO2012/069924)	[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP	[85] 2013-05-23
[30] EP (10192456.1) 2010-11-24	[85] 2013-06-04	[86] 2011-12-01 (PCT/IB2011/055412)
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[13] A1

[51] **Int.Cl. A01N 43/56 (2006.01) A01N 43/40 (2006.01) A01N 43/58 (2006.01) A01N 43/653 (2006.01) A01N 43/707 (2006.01) A01N 43/90 (2006.01) A01N 47/02 (2006.01) A01N 47/06 (2006.01) A01N 47/40 (2006.01) A01N 51/00 (2006.01) A01N 53/00 (2006.01) A01P 3/00 (2006.01) A01P 7/00 (2006.01)**

[25] EN

[54] **PESTICIDAL ACTIVE MIXTURES COMPRISING PYRAZOLE COMPOUNDS**

[54] **MELANGES PESTICIDES ACTIFS CONTENANT DES COMPOSES PYRAZOLE**

[72] DEFIEBER, CHRISTIAN, DE

[72] SORGEL, SEBASTIAN, DE

[72] SALINGER, DANIEL, DE

[72] LANGEWALD, JURGEN, DE

[71] BASF SE, DE

[85] 2013-05-23

[86] 2011-12-15 (PCT/EP2011/072854)

[87] (WO2012/084670)

[30] US (61/424,711) 2010-12-20

[21] **2,818,915**  
[13] A1

[51] **Int.Cl. H01R 4/70 (2006.01) H01R 4/02 (2006.01) H01R 4/10 (2006.01) H01R 4/20 (2006.01) H01R 13/52 (2006.01) H01R 43/00 (2006.01)**

[25] EN

[54] **SEAL FOR ANODE CONNECTION TO CABLE AND METHOD OF USE**

[54] **JOINT POUR CONNEXION D'ANODE A UN CABLE ET PROCEDE D'UTILISATION**

[72] SCHUTT, WILLIAM R., US

[71] MATCOR, INC., US

[85] 2013-05-23

[86] 2010-11-23 (PCT/US2010/057760)

[87] (WO2012/071032)

[21] **2,818,916**  
[13] A1

[51] **Int.Cl. A61B 17/58 (2006.01)**

[25] EN

[54] **MULTI-AXIAL PEDICLE FIXATION ASSEMBLY AND METHOD FOR USE**

[54] **ENSEMBLE DE FIXATION DE PEDICULE MULTIAXIAL ET PROCEDE D'UTILISATION**

[72] TERMYNA, STEPHEN, US

[72] LOVELL, JOHN, US

[71] XLACKSTONE MEDICAL, INC., US

[71] BLACKSTONE MEDICAL, INC., US

[85] 2013-05-22

[86] 2012-01-31 (PCT/US2012/023413)

[87] (WO2012/109061)

[30] US (13/026,204) 2011-02-11

[21] **2,818,917**  
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) A01N 63/00 (2006.01)**

[25] EN

[54] **PLANTS HAVING INCREASED TOLERANCE TO HERBICIDES**

[54] **PLANTES AYANT UNE TOLERANCE ACCRUE AUX HERBICIDES**

[72] HUTZLER, JOHANNES, DE

[72] APONTE, RAPHAEL, DE

[72] MIETZNER, THOMAS, DE

[72] WITSCHER, MATTHIAS, DE

[72] SIMON, ANJA, DE

[72] LERCHL, JENS, DE

[72] TRESCH, STEFAN, DE

[72] MANKIN, S. LUKE, US

[71] BASF SE, DE

[85] 2013-05-23

[86] 2011-12-15 (PCT/IB2011/055701)

[87] (WO2012/080975)

[30] US (61/423604) 2010-12-16

[21] **2,818,918**  
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01)**

[25] EN

[54] **BRASSICA GAT EVENT DP-061061-7 AND COMPOSITIONS AND METHODS FOR THE IDENTIFICATION AND/OR DETECTION THEREOF**

[54] **EVENEMENT DP-061061-7 DE BRASSICA GAT ET COMPOSITIONS ET PROCEDES POUR L'IDENTIFIER ET/OU LE DETECTER**

[72] TULSIERAM, LOMAS, CA

[72] ZHANG, YONGPING, CA

[72] PATEL, JAYANTILAL DEVABHAI, CA

[72] CHARNE, DAVID GEORGE, CA

[72] CHEN, WENPIN, CA

[72] THOONEN, FERDINAND GERARD, CA

[72] KOSCIELNY, CHADWICK BRUCE, CA

[72] LI, ZHONGSEN, US

[71] PIONER HI-BRED INTERNATIONAL, INC., US

[71] E. I. DU PONT DE NEMOURS AND COMPANY, US

[85] 2013-05-23

[86] 2010-11-24 (PCT/US2010/058002)

[87] (WO2012/071039)

[21] **2,818,919**  
[13] A1

[51] **Int.Cl. A61K 8/44 (2006.01) A61K 8/36 (2006.01) A61K 8/46 (2006.01) A61K 8/60 (2006.01) A61Q 5/02 (2006.01) A61Q 5/12 (2006.01)**

[25] EN

[54] **LIQUID CLEANING COMPOSITION CONTAINING LONG-CHAIN FATTY ACID**

[54] **COMPOSITION DE NETTOYAGE LIQUIDE CONTENANT UN ACIDE GRAS A CHAINE LONGUE**

[72] FAN, AIXING, US

[72] MASTRULL, JEFFREY, US

[72] SIMPSON, EDWARD, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2013-05-23

[86] 2010-12-09 (PCT/US2010/059683)

[87] (WO2012/078160)

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[21] **2,818,920**  
[13] A1  
[51] **Int.Cl. B07B 13/04 (2006.01) B07B 13/08 (2006.01) B09B 3/00 (2006.01)**  
[25] EN  
[54] **MECHANIZED SEPARATION OF WET AND DRY MATERIALS IN A SOLID WASTE STREAM**  
[54] **SEPARATION MECANISEE DE MATERIAUX HUMIDES ET SECS DANS UN COURANT DE DECHETS SOLIDES**  
[72] GITSCHEL, GEORGE, US  
[71] ORGANIC ENERGY CORPORATION, US  
[85] 2013-05-23  
[86] 2011-10-05 (PCT/US2011/055003)  
[87] (WO2012/071112)  
[30] US (61/417,216) 2010-11-24  
[30] US (13/221,637) 2011-08-30

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[21] **2,818,922**  
[13] A1  
[51] **Int.Cl. B66D 3/20 (2006.01) B66D 1/12 (2006.01) B66D 1/28 (2006.01)**  
[25] EN  
[54] **HOIST**  
[54] **PALAN**  
[72] HIROSHIMA, TETSU, JP  
[71] KITO CORPORATION, JP  
[85] 2013-05-23  
[86] 2011-11-22 (PCT/JP2011/076924)  
[87] (WO2012/070579)  
[30] JP (2010-262814) 2010-11-25

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[21] **2,818,923**  
[13] A1  
[51] **Int.Cl. C04B 2/10 (2006.01) C01F 11/02 (2006.01) C01F 11/06 (2006.01) C04B 2/08 (2006.01)**  
[25] EN  
[54] **MANUFACTURING FACILITY FOR QUICKLIME, AND MANUFACTURING FACILITY AND MANUFACTURING PROCESS FOR SLAKED LIME**  
[54] **INSTALLATION DE FABRICATION DE CHAUX VIVE, ET INSTALLATION DE FABRICATION ET PROCEDE DE FABRICATION DE CHAUX ETEINTE**  
[72] HIGUCHI, NAOHIRO, JP  
[72] SHIMA, HIROKAZU, JP  
[71] MITSUBISHI MATERIALS CORPORATION, JP  
[85] 2013-05-23  
[86] 2011-11-21 (PCT/JP2011/006466)  
[87] (WO2012/131821)  
[30] JP (2011-069611) 2011-03-28

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[21] **2,818,925**  
[13] A1  
[51] **Int.Cl. C07D 213/81 (2006.01) C07D 221/04 (2006.01) C07D 245/02 (2006.01) C07D 267/00 (2006.01) C07D 305/14 (2006.01) C07D 313/00 (2006.01) C07D 321/00 (2006.01) C07D 327/02 (2006.01) C07D 407/06 (2006.01) C07D 407/12 (2006.01) C07D 409/12 (2006.01) C07D 413/12 (2006.01) C07D 487/04 (2006.01) C07D 493/04 (2006.01) C07D 493/10 (2006.01)**  
[25] EN  
[54] **INHIBITORS OF THE ACTIVITY OF COMPLEX III OF THE MITOCHONDRIAL ELECTRON TRANSPORT CHAIN AND USE THEREOF FOR TREATING DISEASES**  
[54] **INHIBITEURS DE L'ACTIVITE DU COMPLEXE III DE LA CHAINE MITOCHONDRIALE DE TRANSFERT DES ELECTRONS ET UTILISATION DE CEUX-CI POUR TRAITER DES MALADIES**  
[72] CLEMENT-SCHATLO, VIRGINIE, FR  
[72] FESSARD, THOMAS, CH  
[72] CRIBIU, RICCARDO, CH  
[71] STEMERGIE BIOTECHNOLOGY SA, CH  
[85] 2013-05-23  
[86] 2011-11-24 (PCT/IB2011/055287)  
[87] (WO2012/070015)  
[30] CH (01965/10) 2010-11-24

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[21] **2,818,926**  
[13] A1  
[51] **Int.Cl. C21D 8/12 (2006.01) C22C 38/00 (2006.01) C22C 38/04 (2006.01) C22C 38/60 (2006.01) H01F 1/16 (2006.01)**  
[25] EN  
[54] **METHOD FOR MANUFACTURING GRAIN ORIENTED ELECTRICAL STEEL SHEET**  
[54] **PROCEDE DE FABRICATION D'UNE FEUILLE D'ACIER ELECTROMAGNETIQUE DIRECTIONNELLE**  
[72] OMURA, TAKESHI, JP  
[72] KIJIMA, GOU, JP  
[72] WATANABE, MAKOTO, JP  
[71] JFE STEEL CORPORATION, JP  
[85] 2013-05-23  
[86] 2011-11-25 (PCT/JP2011/006576)  
[87] (WO2012/070249)  
[30] JP (2010-264091) 2010-11-26  
[30] JP (2011-193236) 2011-09-05

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[21] **2,818,928**  
[13] A1

[51] **Int.Cl. B29C 65/46 (2006.01) B32B 15/08 (2006.01) B32B 37/16 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCTION OF JOINT MEMBER FOR CARBON FIBER COMPOSITE MATERIAL**

[54] **PROCEDE DE PRODUCTION D'ELEMENT JOINT POUR MATERIAU COMPOSITE A FIBRES DE CARBONE**

[72] TAKEUCHI, MASAKI, JP

[72] KANEKO, TORU, JP

[71] TEIJIN LIMITED, JP

[85] 2013-05-23

[86] 2011-11-25 (PCT/JP2011/077886)

[87] (WO2012/074083)

[30] JP (2010-266544) 2010-11-30

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[21] **2,818,930**  
[13] A1

[51] **Int.Cl. H04N 7/24 (2011.01) H04N 7/015 (2006.01) H04N 13/00 (2006.01)**

[25] EN

[54] **METHOD FOR PROVIDING AND RECOGNIZING TRANSMISSION MODE IN DIGITAL BROADCASTING**

[54] **PROCEDE POUR PRODUIRE ET RECONNAITRE UN MODE DE TRANSMISSION DANS UNE DIFFUSION NUMERIQUE**

[72] CHOI, BYEONG HO, KR

[72] KIM, JEWOO, KR

[72] SHIN, HWA SEON, KR

[71] KOREA ELECTRONICS TECHNOLOGY INSTITUTE, KR

[85] 2013-05-23

[86] 2011-01-18 (PCT/KR2011/000357)

[87] (WO2012/070715)

[30] KR (10-2010-0119242) 2010-11-27

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[21] **2,818,931**  
[13] A1

[51] **Int.Cl. A61K 9/70 (2006.01) A61J 3/00 (2006.01) A61K 47/34 (2006.01) G01N 33/15 (2006.01)**

[25] EN

[54] **PROCESS FOR ANALYZING AND ESTABLISHING DOSAGE SIZE IN AN INGESTIBLE FILM**

[54] **PROCEDE D'ANALYSE ET DE DETERMINATION DE LA TAILLE D'UNE DOSE DANS UN FILM A INGERER**

[72] MYERS, GARRY, US

[72] BOGUE, BEUFORD A., US

[72] HARIHARAN, MADHU, US

[71] MONOSOL RX, LLC, US

[85] 2013-05-23

[86] 2011-10-28 (PCT/US2011/058296)

[87] (WO2012/058545)

[30] US (12/915,849) 2010-10-29

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[21] **2,818,932**  
[13] A1

[51] **Int.Cl. H04N 13/00 (2006.01)**

[25] EN

[54] **METHOD FOR SERVICE COMPATIBILITY-TYPE TRANSMITTING IN DIGITAL BROADCAST**

[54] **PROCEDE POUR LA TRANSMISSION DU TYPE DE COMPATIBILITE DE SERVICE DANS UNE DIFFUSION NUMERIQUE**

[72] CHOI, BYEONG HO, KR

[72] SHIN, HWA SEON, KR

[72] KIM, JAE-GON, KR

[72] LEE, BYUNG-TAK, KR

[72] JANG, EUY DOC, KR

[71] KOREA ELECTRONICS TECHNOLOGY INSTITUTE, KR

[85] 2013-05-23

[86] 2011-01-18 (PCT/KR2011/000362)

[87] (WO2012/070716)

[30] KR (10-2010-0119247) 2010-11-27

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[21] **2,818,933**  
[13] A1

[51] **Int.Cl. A61K 31/282 (2006.01) A61K 33/24 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**

[25] EN

[54] **PHOSPHAPLATINS HAVING ANTI-ANGIOGENIC, ANTI-METASTATIC, AND PRO-APOPTOTIC PROPERTIES AND USES THEREOF**

[54] **PHOSPHAPLATINES AYANT DES PROPRIETES ANTI-ANGIOGENIQUES, ANTI-METASTATIQUES ET PRO-APOPTOTIQUES, ET LEURS UTILISATIONS**

[72] BOSE, RATHINDRA N., US

[71] OHIO UNIVERSITY, US

[85] 2013-05-23

[86] 2011-12-02 (PCT/US2011/063139)

[87] (WO2012/096722)

[30] US (61/431,900) 2011-01-12

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[21] **2,818,934**  
[13] A1

[51] **Int.Cl. B29C 67/00 (2006.01)**

[25] EN

[54] **INTERCONNECT STRUCTURE AND METHOD FOR PRODUCING SAME**

[54] **STRUCTURE D'INTERCONNEXION ET PROCEDE POUR SA PRODUCTION**

[72] OOSTERHUIS, GERRIT, NL

[72] MAALDERINK, HERMAN HENDRIKUS, NL

[72] RIJFFERS, ANDRIES, NL

[72] HOUBEN, RENE JOS, NL

[72] VAN DER ZON, CLEMENS MARIA BERNARDUS, NL

[72] BROUWERS, LEONARDUS ANTONIUS MARIA, NL

[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL

[85] 2013-05-23

[86] 2011-11-24 (PCT/NL2011/050800)

[87] (WO2012/070938)

[30] EP (10192458.7) 2010-11-24

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[21] **2,818,935**  
[13] A1

[51] **Int.Cl. C10M 141/12 (2006.01)**  
[25] FR  
[54] **LUBRICANT COMPOSITIONS FOR MOTOR VEHICLE TRANSMISSIONS**  
[54] **COMPOSITIONS LUBRIFIANTES POUR TRANSMISSIONS AUTOMOBILES**  
[72] MATRAY, EMMANUEL, FR  
[72] VERNAY, RICHARD, FR  
[71] TOTAL RAFFINAGE MARKETING, FR  
[85] 2012-12-17  
[86] 2011-06-24 (PCT/IB2011/052801)  
[87] (WO2011/161662)  
[30] FR (1055108) 2010-06-25

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[21] **2,818,936**  
[13] A1

[51] **Int.Cl. A61K 31/4196 (2006.01) A61K 45/06 (2006.01) A61P 19/02 (2006.01) A61P 37/00 (2006.01)**  
[25] EN  
[54] **TREATMENT OF CHRONIC INFLAMMATION WITH A 1,2,4-TRIAZOLO [1,5A] PYRIDINE DERIVATIVE**  
[54] **TRAITEMENT D'INFLAMMATION CHRONIQUE AVEC UN DERIVE DE 1,2,4-TRIAZOLO[1,5A]PYRIDINE**  
[72] DOBRZANSKI, PAWEL T., US  
[72] SEAVEY, MATTHEW M., US  
[71] CEPHALON, INC., US  
[85] 2013-05-23  
[86] 2011-12-05 (PCT/US2011/063272)  
[87] (WO2012/078504)  
[30] US (61/420,078) 2010-12-06

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[21] **2,818,937**  
[13] A1

[51] **Int.Cl. B07B 13/04 (2006.01) B07B 13/08 (2006.01) B09B 3/00 (2006.01)**  
[25] EN  
[54] **MECHANIZED SEPARATION OF MIXED SOLID WASTE AND RECOVERY OF RECYCLABLE PRODUCTS**  
[54] **SEPARATION MECANISEE DE DECHETS SOLIDES MIXTES ET RECUPERATION DES PRODUITS RECYCLABLES**  
[72] GISTSCHEL, GEORGE, US  
[71] ORGANIC ENERGY CORPORATION, US  
[85] 2013-05-23  
[86] 2011-10-06 (PCT/US2011/055004)  
[87] (WO2012/071113)  
[30] US (61/417,216) 2010-11-24  
[30] US (13/221,637) 2011-08-30

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[21] **2,818,938**  
[13] A1

[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/4375 (2006.01) A61K 31/4985 (2006.01) A61P 31/14 (2006.01) C07D 487/22 (2006.01)**  
[25] EN  
[54] **COMPOUNDS FOR TREATING RESPIRATORY SYNCYTIAL VIRUS INFECTIONS**  
[54] **COMPOSES DESTINES AU TRAITEMENT D'INFECTIONS PAR LE VIRUS RESPIRATOIRE SYNCYTIAL**  
[72] MAYES, PENELOPE ANNE, AU  
[72] MITCHELL, JEFFREY PETER, AU  
[72] DRAFFAN, ALISTAIR GEORGE, AU  
[72] PITT, GARY ROBERT WILLIAM, AU  
[72] ANDERSON, KELLY HELEN, AU  
[72] LIM, CHIN YU, AU  
[71] BIOTA SCIENTIFIC MANAGEMENT PTY LTD, AU  
[85] 2013-05-24  
[86] 2011-11-23 (PCT/AU2011/001509)  
[87] (WO2012/068622)  
[30] AU (2010905234) 2010-11-26  
[30] US (61/417,347) 2010-11-26

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[21] **2,818,939**  
[13] A1

[51] **Int.Cl. H02J 3/40 (2006.01) F03D 9/00 (2006.01)**  
[25] EN  
[54] **METHODS, SYSTEMS, AND SOFTWARE FOR CONTROLLING A POWER CONVERTER DURING LOW (ZERO)-VOLTAGE RIDE-THROUGH CONDITIONS**  
[54] **PROCEDES, SYSTEMES ET LOGICIEL DE COMMANDE DE CONVERTISSEUR DE PUISSANCE DURANT DES CONDITIONS DE TRAVERSEE DE TENSION BASSE (NULLE)**  
[72] PETER, JEFFREY K., US  
[71] NORTHERN POWER SYSTEMS UTILITY SCALE, INC., US  
[85] 2013-05-23  
[86] 2011-12-05 (PCT/US2011/063252)  
[87] (WO2012/082430)  
[30] US (61/422,451) 2010-12-13  
[30] US (61/425,510) 2010-12-21  
[30] US (13/275,362) 2011-10-18

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[21] **2,818,940**  
[13] A1

[51] **Int.Cl. G01N 21/75 (2006.01) G01N 33/22 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINATION OF SYSTEM PARAMETERS FOR REDUCING CRUDE UNIT CORROSION**  
[54] **PROCEDE ET APPAREIL POUR UNE DETERMINATION DE PARAMETRES DE SYSTEME POUR REDUIRE UNE CORROSION D'UNITE DE PETROLE BRUT**  
[72] BANKS, RODNEY H., US  
[72] CIOTA, STEVEN R., US  
[72] WELZ, SASCHA, US  
[71] NALCO COMPANY, US  
[85] 2013-05-23  
[86] 2012-04-26 (PCT/US2012/035075)  
[87] (WO2012/149076)  
[30] US (13/095,042) 2011-04-27

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[21] **2,818,941**  
[13] A1

[51] **Int.Cl. A61K 31/437 (2006.01) A61K 31/4196 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61P 17/00 (2006.01)**

[25] EN

[54] **JANUS KINASE 2 (JAK2) INHIBITOR FOR THE TREATMENT OF LUPUS**

[54] **INHIBITEUR DE LA JANUS KINASE 2 (JAK2) POUR LE TRAITEMENT DU LUPUS**

[72] DOBRZANSKI, PAWEL T., US

[72] SEAVEY, MATTHEW M., US

[71] CEPHALON, INC., US

[85] 2013-05-23

[86] 2011-12-06 (PCT/US2011/063427)

[87] (WO2012/078574)

[30] US (61/420,053) 2010-12-06

[30] US (61/420,967) 2010-12-08

[21] **2,818,943**  
[13] A1

[51] **Int.Cl. C12M 1/34 (2006.01)**

[25] EN

[54] **PH SENSOR INTEGRATION TO SINGLE USE BIOREACTOR/MIXER**

[54] **INTEGRATION D'UN CAPTEUR DE PH A UN BIOREACTEUR/MELANGEUR A USAGE UNIQUE**

[72] FENG, CHANG-DONG, US

[72] BENTON, BARRY W., US

[72] ANDERSON, DAVE, US

[72] YANG, FONG S., US

[72] WOOD, WAYNE B., US

[71] ROSEMOUNT ANALYTICAL, INC., US

[85] 2013-05-23

[86] 2011-12-15 (PCT/US2011/065033)

[87] (WO2012/082974)

[30] US (61/424,246) 2010-12-17

[21] **2,818,944**  
[13] A1

[51] **Int.Cl. C07D 409/14 (2006.01) A61K 31/4427 (2006.01) A61P 3/00 (2006.01) A61P 9/00 (2006.01) C07D 409/04 (2006.01)**

[25] EN

[54] **PYRAZOLE COMPOUNDS**

[54] **COMPOSES DE PYRAZOLE**

[72] SHIA, KAK-SHAN, TW

[72] CHANG, CHUN-PING, TW

[72] CHAO, YU-SHENG, US

[71] NATIONAL HEALTH RESEARCH INSTITUTES, TW

[85] 2013-05-23

[86] 2012-09-25 (PCT/US2012/056999)

[87] (WO2013/048989)

[30] US (61/541,182) 2011-09-30

[21] **2,818,945**  
[13] A1

[51] **Int.Cl. A61B 17/128 (2006.01)**

[25] EN

[54] **SURGICAL TOOLS, SYSTEMS, AND RELATED IMPLANTS AND METHODS**

[54] **OUTILS CHIRURGICAUX, SYSTEMES, ET IMPLANTS ET PROCEDES ASSOCIES**

[72] LUND, JONATHAN J., US

[72] FERRAZZO, ANTHONY J., US

[72] HAMEL, KORY P., US

[71] AMS RESEARCH CORPORATION, US

[85] 2013-05-23

[86] 2011-12-16 (PCT/US2011/065480)

[87] (WO2012/083159)

[30] US (61/423,810) 2010-12-16

[21] **2,818,946**  
[13] A1

[51] **Int.Cl. F02F 7/00 (2006.01) F01L 9/02 (2006.01)**

[25] EN

[54] **CYLINDER HEAD COVER MODULE WITH INTEGRATED VALVE TRAIN**

[54] **MODULE DE COUVERCLE DE CULASSE A SOUPEA D'ECHAPPEMENT INTEGREE**

[72] SANDS, RICHARD H., US

[72] FALKOWSKI, ALAN G., US

[71] CHRYSLER GROUP LLC, US

[85] 2013-05-23

[86] 2011-12-19 (PCT/US2011/065846)

[87] (WO2012/094142)

[30] US (12/984,808) 2011-01-05

[21] **2,818,947**  
[13] A1

[51] **Int.Cl. E03F 7/04 (2006.01) F16K 1/20 (2006.01) F16K 15/03 (2006.01) F16K 15/18 (2006.01) F16K 31/24 (2006.01)**

[25] EN

[54] **BACKWATER VALVE WITH CONTROL LINKAGE**

[54] **CLAPET ANTI-RETOUR COMPORTANT UNE TRINGLERIE DE COMMANDE**

[72] COSCARELLA, GABE, CA

[71] COSCARELLA, GABE, CA

[85] 2013-05-24

[86] 2011-11-16 (PCT/CA2011/050712)

[87] (WO2012/065269)

[30] CA (2722310) 2010-11-16

[21] **2,818,948**  
[13] A1

[51] **Int.Cl. B63B 21/10 (2006.01)**

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[54] **FAIRLEAD LATCH DEVICE**

[54] **DISPOSITIF DE VERROUILLAGE DE GUIDE-CABLE**

[72] MILLER, THOMAS, US

[72] O'ROURKE, CHARLIE, US

[71] BARDEX CORPORATION, US

[85] 2013-05-23

[86] 2011-12-23 (PCT/US2011/067193)

[87] (WO2012/088511)

[30] US (61/426,635) 2010-12-23

[30] US (13/335,832) 2011-12-22

[21] **2,818,949**  
[13] A1

[51] **Int.Cl. H04W 4/00 (2009.01) H04W 4/24 (2009.01) H04W 12/00 (2009.01) G06Q 20/16 (2012.01) G06Q 20/32 (2012.01) G06Q 50/12 (2012.01)**

[25] EN

[54] **MOBILE COMPUTING BASED CENTRALIZED MENU SYSTEM**

[54] **SYSTEME DE MENU CENTRALISE BASE SUR L'INFORMATIQUE MOBILE**

[72] HUTCHERSON, ROBERT CLAY, CA

[71] BINNJ, INC., CA

[85] 2013-05-24

[86] 2011-11-25 (PCT/CA2011/050734)

[87] (WO2012/068689)

[30] US (12/954,780) 2010-11-26



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[21] **2,818,950**  
[13] A1

[51] **Int.Cl. B65D 3/06 (2006.01) B65D 3/20 (2006.01)**  
[25] EN  
[54] **A CUP WITH INTEGRAL CLOSURE FLAPS**  
[54] **GOBELET AVEC RABATS INTEGRES DE FERMETURE**  
[72] LU, WEI, IE  
[72] DUGGAN, KENNETH, IE  
[71] HANPAK LIMITED, IE  
[85] 2013-05-24  
[86] 2009-11-25 (PCT/EP2009/065854)  
[87] (WO2011/063835)

[21] **2,818,951**  
[13] A1

[51] **Int.Cl. C07K 14/435 (2006.01) C07K 14/00 (2006.01)**  
[25] EN  
[54] **HUMAN LACTOFERRIN DERIVED PEPTIDE FOR USE AS AN ANTIGEN MASKING AGENT**  
[54] **PEPTIDE DERIVE DE LA LACTOFERRINE HUMAINE DESTINE A ETRE UTILISE EN TANT QU'AGENT DE MASQUAGE ANTIGENIQUE**  
[72] HARTWIG, BENEDIKT, DE  
[72] TOME ALCALDE, JUAN, ES  
[72] WINDHAB, NORBERT, DE  
[72] ANSUATEGUI PANZANO, MARIA DEL PILAR, ES  
[72] VARA CARRERA, MATIAS JAVIER, ES  
[71] EVONIK ROHM GMBH, DE  
[85] 2013-05-24  
[86] 2010-11-26 (PCT/EP2010/068302)  
[87] (WO2012/069089)

[21] **2,818,952**  
[13] A1

[51] **Int.Cl. C09D 5/02 (2006.01) C09D 7/06 (2006.01)**  
[25] EN  
[54] **USE OF ESTERS AS COALESCING AGENTS**  
[54] **UTILISATION D'ESTERS EN TANT QU'AGENTS DE COALESCENCE**  
[72] SCHERER, MARKUS, DE  
[72] BERGMANN, EDDA, DE  
[72] OESTREICH, SASCHA, DE  
[72] BECHERER, MIRIAM, DE  
[72] FROMMELIUS, HARALD, DE  
[71] COGNIS IP MANAGEMENT GMBH, DE  
[85] 2013-05-24  
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[87] (WO2012/069098)  
[30] EP (10192567.5) 2010-11-25

[21] **2,818,953**  
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**  
[25] EN  
[54] **AN AEROSOL GENERATING SYSTEM WITH PREVENTION OF CONDENSATE LEAKAGE**  
[54] **SYSTEME GENERANT UN AEROSOL AVEC PREVENTION D'UNE FUITE DE CONDENSAT**  
[72] THORENS, MICHEL, CH  
[72] FLICK, JEAN-MARC, CH  
[72] COCHAND, OLIVIER YVES, CH  
[72] DUBIEF, FLAVIEN, CH  
[71] PHILIP MORRIS PRODUCTS S.A., CH  
[85] 2013-05-24  
[86] 2011-12-02 (PCT/EP2011/006055)  
[87] (WO2012/072264)  
[30] EP (10252048.3) 2010-12-03

[21] **2,818,954**  
[13] A1

[51] **Int.Cl. A23G 9/04 (2006.01) A23G 9/36 (2006.01) A23G 9/42 (2006.01) A23L 1/308 (2006.01)**  
[25] EN  
[54] **FROZEN CONFECTIONS COMPRISING CITRUS FIBRE**  
[54] **CONFISERIES CONGEELES COMPRENANT DES FIBRES D'AGRUME**  
[72] JUDGE, DAVID JOHN, GB  
[72] LITCHFIELD, TIMOTHY JOHN, GB  
[72] WIX, LOYD, GB  
[71] UNILEVER PLC, GB  
[85] 2013-05-24  
[86] 2011-10-21 (PCT/EP2011/068430)  
[87] (WO2012/072335)  
[30] EP (10193413.1) 2010-12-02

[21] **2,818,955**  
[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01)**  
[25] EN  
[54] **METHOD FOR AUTHORIZING ACCESS TO PROTECTED CONTENT**  
[54] **PROCEDE POUR AUTORISER L'ACCES A UN CONTENU PROTEGE**  
[72] GONZALEZ MARTINEZ, DIEGO, ES  
[72] LOZANO LLANOS, DAVID, ES  
[72] MUNUERA ANDREO, JORGE, ES  
[72] VELEZ TARILONTE, ENRIQUE, ES  
[72] GUILLEN NAVARRO, JORGE, ES  
[71] TELEFONICA, S.A., ES  
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[13] A1

[51] **Int.Cl. G01S 19/11 (2010.01) G01S 19/21 (2010.01) G01S 19/22 (2010.01)**  
[25] FR  
[54] **METHOD OF REDUCING THE GLARE OF A RECEIVER RECEIVING SIGNALS FROM EMITTERS**  
[54] **PROCEDE DE REDUCTION DE L'EBLOUISSEMENT D'UN RECEPTEUR RECEVANT DES SIGNAUX DEPUIS DES EMETTEURS**  
[72] VERVISCH-PICOIS, ALEXANDRE, FR  
[72] SAMAMA, NEL, FR  
[71] INSTITUT-TELECOM/TELECOM SUDPARIS, FR  
[85] 2012-12-21  
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[87] (WO2012/001665)  
[30] FR (1055302) 2010-07-01

[21] **2,818,957**  
[13] A1

[51] **Int.Cl. C10G 19/00 (2006.01) C10G 19/02 (2006.01)**  
[25] FR  
[54] **PROCESS FOR REMOVING SILOXANE-BASED DERIVATIVES FROM A LIQUID ORGANIC PHASE**  
[54] **PROCEDE D'ELIMINATION DE DERIVES A BASE DE SILOXANE D'UNE PHASE ORGANIQUE LIQUIDE**  
[72] MONIOTTE, PHILIPPE GERARD, BE  
[72] BAREEL, PIERRE-FRANCOIS ETIENNE ROSE-MARIE, BE  
[72] COLLIGNON, FRANCOIS JEAN EMILIE PIERRE, BE  
[72] GROSJEAN, PHILIPPE ALFRED, BE  
[71] SA COMET TRAITEMENTS, BE  
[85] 2013-05-16  
[86] 2011-11-22 (PCT/EP2011/070672)  
[87] (WO2012/069467)  
[30] BE (BE2010/0697) 2010-11-22

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[13] A1

[51] **Int.Cl. G06Q 20/00 (2012.01)**  
[25] EN  
[54] **ANONYMOUS TRANSACTION PAYMENT SYSTEMS AND METHODS**  
[54] **SYSTEMES ET PROCEDES DE PAIEMENT EN TRANSACTION ANONYME**  
[72] MINA, MAGID JOSEPH, US  
[71] MINA, MAGID JOSEPH, US  
[85] 2013-05-16  
[86] 2010-11-17 (PCT/US2010/057081)  
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[30] US (61/262,449) 2009-11-18

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[13] A1

[51] **Int.Cl. A61M 39/08 (2006.01) A61M 1/14 (2006.01) A61M 25/01 (2006.01) A61M 39/12 (2006.01)**  
[25] EN  
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[54] **GAINE**  
[72] GORDON, GREGORY, US  
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US  
[85] 2013-05-24  
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[21] **2,818,961**  
[13] A1

[51] **Int.Cl. A47K 5/12 (2006.01)**  
[25] EN  
[54] **LIQUID DISPENSER**  
[54] **DISTRIBUTEUR DE LIQUIDE**  
[72] BINDERBAUER, HORST, US  
[72] FRANCHETTO, RENATO S., US  
[72] ABEJON, DREW S., US  
[71] SOAPTRONIC INTERNATIONAL, LLC, US  
[85] 2013-05-24  
[86] 2011-10-25 (PCT/US2011/057760)  
[87] (WO2012/064505)  
[30] US (12/941,736) 2010-11-08

[21] **2,818,962**  
[13] A1

[51] **Int.Cl. B60J 7/057 (2006.01)**  
[25] EN  
[54] **DEVICE FOR SEALING THE APERTURE OF A TIPPED-BACK SLIDING ROOF**  
[54] **DISPOSITIF PERMETTANT DE BLOQUER L'OUVERTURE D'UN TOIT OUVRANT BASCULE VERS L'ARRIERE**  
[72] RUDOLFI, KARI, DE  
[71] GEMO G. MORITZ GMBH & CO. KG, DE  
[85] 2013-05-22  
[86] 2011-11-10 (PCT/EP2011/005637)  
[87] (WO2012/069140)  
[30] DE (10 2010 052 027.6) 2010-11-23

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[13] A1

[51] **Int.Cl. A61B 5/08 (2006.01) A61B 5/145 (2006.01) A61M 16/00 (2006.01) A61B 5/0205 (2006.01) A61B 5/029 (2006.01) A61B 5/083 (2006.01)**  
[25] EN  
[54] **THE AUTOMATIC LUNG PARAMETER ESTIMATOR FOR MEASURING OXYGEN AND CARBON DIOXIDE GAS EXCHANGE**  
[54] **DISPOSITIF D'ESTIMATION AUTOMATIQUE DE PARAMETRES PULMONAIRES PERMETTANT DE MESURER L'ECHANGE GAZEUX D'OXYGENE ET DE DIOXYDE DE CARBONE**  
[72] KARBING, DAN STIEPER, DK  
[72] ANDREASSEN, STEEN, DK  
[72] LINDHOLT, CLAUS, DK  
[72] REES, STEPHEN EDWARD, DK  
[71] MERMAID CARE A/S, DK  
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[86] 2010-11-26 (PCT/DK2010/050326)  
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[13] A1

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[54] **BALANCE INTEGREE**  
[72] MARTIN, CURTIS W., US  
[72] PETERS, GARY L., US  
[71] LANTECH.COM, LLC, US  
[85] 2013-05-24  
[86] 2011-10-28 (PCT/US2011/058251)  
[87] (WO2012/094053)  
[30] US (61/430,724) 2011-01-07

[21] **2,818,965**  
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**  
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[54] **EVALUATING SURFACE DATA**  
[54] **EVALUATION DE DONNEES DE SURFACE**  
[72] DAVIS, ERIC J., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2013-05-23  
[86] 2011-11-30 (PCT/GB2011/001661)  
[87] (WO2012/072976)  
[30] US (12/956,609) 2010-11-30

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[13] A1

[51] **Int.Cl. E04B 2/74 (2006.01) E04B 2/76 (2006.01)**  
[25] EN  
[54] **AN OUTER RAIL FOR A BASE FOR WALL PLATE COVERING**  
[54] **RAIL EXTERIEUR POUR BASE POUR COUVERTURE DE PLAQUE MURALE**  
[72] DOLLERUP, KRISTIAN, CH  
[72] DOLLERUP, NIELS, DK  
[71] ZAK-IT SYSTEMS GMBH, CH  
[85] 2013-05-24  
[86] 2011-09-12 (PCT/DK2011/050340)  
[87] (WO2012/076011)  
[30] DK (PA 2010 70531) 2010-12-06

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[13] A1

[51] **Int.Cl. F15D 1/02 (2006.01) F15B 21/04 (2006.01)**  
[25] EN  
[54] **A DEVICE FOR DIRECTING THE FLOW OF A FLUID USING A PRESSURE SWITCH**  
[54] **DISPOSITIF POUR DIRIGER L'ECOULEMENT D'UN FLUIDE A L'AIDE D'UN MANOSTAT**  
[72] DYKSTRA, JASON D., US  
[72] FRIPP, MICHAEL L., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2013-05-24  
[86] 2011-11-07 (PCT/US2011/059631)  
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[30] US (12/958,625) 2010-12-02

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[13] A1

[51] **Int.Cl. E21B 29/08 (2006.01) E21B 23/14 (2006.01) E21B 34/06 (2006.01) E21B 43/112 (2006.01)**  
[25] EN  
[54] **DOWNHOLE PUNCH COMPONENT**  
[54] **ELEMENT POINCON DE FOND DE TROU**  
[72] HALLUNDBAEK, JORGEN, DK  
[72] HAZEL, PAUL, GB  
[71] WELLTEC A/S, DK  
[85] 2013-05-24  
[86] 2011-11-25 (PCT/EP2011/071039)  
[87] (WO2012/069634)  
[30] EP (10192706.9) 2010-11-26

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[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01)**  
[25] EN  
[54] **IMPROVED N-TERMINAL CAPPING MODULES FOR DESIGNED ANKYRIN REPEAT PROTEINS**  
[54] **MODULES DE COIFFAGE N-TERMINAL AMELIORES POUR DES PROTEINES DE REPETITIONS D'ANKYRINE CONCUES**  
[72] BINZ, HANS KASPAR, CH  
[71] MOLECULAR PARTNERS AG, CH  
[85] 2013-05-24  
[86] 2011-11-25 (PCT/EP2011/071084)  
[87] (WO2012/069655)  
[30] EP (10192711.9) 2010-11-26

[21] **2,818,970**  
[13] A1

[51] **Int.Cl. H05K 9/00 (2006.01) H01Q 1/24 (2006.01) H01Q 1/52 (2006.01)**  
[25] FR  
[54] **TEXTILE SURFACE AND TEXTILE MATERIAL FOR ABSORBING ELECTROMAGNETIC WAVES, AND PROTECTIVE DEVICE COMPRISING A TEXTILE SURFACE OR TEXTILE MATERIAL**  
[54] **SURFACE TEXTILE ET MATERIAU TEXTILE POUR ABSORBER LES ONDES ELECTROMAGNETIQUES, ET DISPOSITIF DE PROTECTION COMPORTANT UNE SURFACE TEXTILE OU UN MATERIAU TEXTILE**  
[72] MOULEYRE, CHRISTIAN, FR  
[71] CALICEA, FR  
[85] 2013-05-23  
[86] 2011-11-29 (PCT/FR2011/052811)  
[87] (WO2012/072945)  
[30] FR (10/59916) 2010-11-30

[21] **2,818,971**  
[13] A1

[51] **Int.Cl. E21B 10/30 (2006.01) E21B 10/34 (2006.01)**  
[25] EN  
[54] **DOWNHOLE TRACTION**  
[54] **TRACTION DE FOND DE TROU**  
[72] SIMPSON, NEIL ANDREW  
ABERCROMBIE, GB  
[71] SIMPSON, NEIL ANDREW  
ABERCROMBIE, GB  
[85] 2013-05-24  
[86] 2011-11-28 (PCT/GB2011/001655)  
[87] (WO2012/069795)  
[30] GB (1020129.1) 2010-11-26

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[13] A1

[51] **Int.Cl. G06F 19/22 (2011.01)**  
[25] EN  
[54] **ORGANIZATION, VISUALIZATION AND UTILIZATION OF GENOMIC DATA ON ELECTRONIC DEVICES**  
[54] **ORGANISATION, VISUALISATION ET UTILISATION DE DONNEES GENOMIQUES SUR DES DISPOSITIFS ELECTRONIQUES**  
[72] MEREL, PATRICK, FR  
[71] PORTABLE GENOMICS LLC, US  
[85] 2013-05-24  
[86] 2011-11-23 (PCT/US2011/062134)  
[87] (WO2012/071564)  
[30] US (61/417,247) 2010-11-25

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[13] A1

[51] **Int.Cl. A61M 5/14 (2006.01)**  
[25] EN  
[54] **INFUSION PUMP DRUG DELIVERY SYSTEM FOR DELIVERING AT LEAST TWO MEDICAMENTS**  
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENTS PAR POMPE A PERFUSION POUR ADMINISTRER AU MOINS DEUX MEDICAMENTS**  
[72] KOUYOUMJIAN, GAREN, GB  
[72] BOYD, MALCOLM STANLEY, GB  
[72] DE SAUSMAREZ LINTELL, DANIEL THOMAS, GB  
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
[85] 2013-05-24  
[86] 2011-11-28 (PCT/EP2011/071137)  
[87] (WO2012/072561)  
[30] EP (10192994.1) 2010-11-29  
[30] US (61/433,809) 2011-01-18

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[13] A1

[51] **Int.Cl. B31F 1/20 (2006.01)**  
[25] EN  
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[54] **COMPOSITION ADHESIVE DE COLLAGE ET PROCEDES ASSOCIES**  
[72] ANDRIESSEN, FREDDY JOHANNES MARTINA, NL  
[72] JANNUSCH, LEONARD, US  
[72] MICEK, LAWRENCE L., US  
[71] CARGILL, INCORPORATED, US  
[85] 2013-05-24  
[86] 2011-11-29 (PCT/US2011/062402)  
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[30] US (61/418,157) 2010-11-30

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
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[54] **ENSEMBLE DE MARQUEURS**  
[72] ZEILLINGER, ROBERT, AT  
[72] PILS, DIETMAR, AT  
[72] CACSIRE CASTILLO TONG, DAN, AT  
[71] ONCOLAB DIAGNOSTICS GMBH, AT  
[85] 2013-05-24  
[86] 2011-11-28 (PCT/EP2011/071162)  
[87] (WO2012/069659)  
[30] EP (10192692.1) 2010-11-26  
[30] EP (11159273.9) 2011-03-22

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[13] A1

[51] **Int.Cl. C01D 15/04 (2006.01) C01D 3/06 (2006.01) C01D 15/06 (2006.01) C01D 15/08 (2006.01) C01D 15/10 (2006.01)**  
[25] EN  
[54] **RECOVERY OF LI VALUES FROM SODIUM SATURATE BRINE**  
[54] **RECUPERATION DE MINERAUX DE VALEUR A BASE DE LI A PARTIR DE SAUMURE SATUREE EN SODIUM**  
[72] ALURRALDE, PABLO, AR  
[72] MEHTA, VIJAY, US  
[71] FMC CORPORATION, US  
[85] 2013-05-24  
[86] 2011-11-08 (PCT/US2011/059673)  
[87] (WO2012/078282)  
[30] US (61/420,042) 2010-12-06  
[30] US (13/288,389) 2011-11-03

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[13] A1

[51] **Int.Cl. A61M 5/46 (2006.01)**  
[25] EN  
[54] **CATHETER SYSTEM FOR A NEEDLE INJECTOR WITH AN AUTOMATIC NEEDLE/BARRIER EXTENSION**  
[54] **SYSTEME DE CATHETER POUR UN INJECTEUR A AIGUILLE PRESENTANT UN PROLONGEMENT AUTOMATIQUE AIGUILLE/BARRIERE**  
[72] SCHATZ, RICHARD A., US  
[71] SCHATZ, RICHARD A., US  
[85] 2013-05-24  
[86] 2011-11-29 (PCT/US2011/062458)  
[87] (WO2012/087507)  
[30] US (12/977,737) 2010-12-23

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[13] A1

[51] **Int.Cl. A23G 9/04 (2006.01) A23G 9/14 (2006.01)**  
[25] EN  
[54] **PROCESS FOR THE MANUFACTURE OF AERATED FROZEN CONFECTIONS**  
[54] **PROCEDE POUR LA FABRICATION DE CONFISERIES CONGEELES GONFLEES**  
[72] VAN POMEREN, ROLAND WILHELMUS JOHANNES, DE  
[72] SINCLAIR, KIRSTY, GB  
[72] WIX, LOYD, GB  
[71] UNILEVER PLC, GB  
[85] 2013-05-24  
[86] 2011-11-28 (PCT/EP2011/071205)  
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[13] A1

[51] **Int.Cl. F16L 21/00 (2006.01) B21B 17/10 (2006.01) B21D 41/00 (2006.01) F16L 9/02 (2006.01)**

[25] EN

[54] **PIPE ELEMENT HAVING SHOULDER, GROOVE AND BEAD AND METHODS AND APPARATUS FOR MANUFACTURE THEREOF**

[54] **ELEMENT DE TUYAU AYANT UN EPAULEMENT, UNE RAINURE ET UN BOURRELET ET PROCEDES ET APPAREIL PERMETTANT DE FABRIQUER CE DERNIER**

[72] NOVITSKY, MICHAEL R., US  
[72] HAAS, EARL, US  
[72] WILK, CHARLES E., JR., US  
[72] MADARA, SCOTT D., US  
[72] CUVO, ANTHONY J., US  
[72] DOLE, DOUGLAS R., US  
[71] VICTAULIC COMPANY, US  
[85] 2013-05-24  
[86] 2011-11-30 (PCT/US2011/062563)  
[87] (WO2012/075095)  
[30] US (61/418,967) 2010-12-02  
[30] US (61/530,771) 2011-09-02

[21] **2,818,981**  
[13] A1

[51] **Int.Cl. C09B 35/023 (2006.01) C09B 35/037 (2006.01) C09B 35/04 (2006.01) D21H 21/28 (2006.01)**

[25] EN

[54] **AZO DYES**

[54] **COLORANTS AZOIQUES**

[72] MEIER, HELMUT-MARTIN, DE  
[72] HEIDE, CHRISTOF, DE  
[72] STRUMPF, KLAUS-GUNTER, DE  
[72] HUBBE, THOMAS, DE  
[71] KEMIRA OYJ, FI  
[85] 2013-05-24  
[86] 2011-11-29 (PCT/EP2011/071289)  
[87] (WO2012/072632)  
[30] EP (10193153.3) 2010-11-30  
[30] US (61/482,351) 2011-05-04

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[13] A1

[51] **Int.Cl. A61M 5/19 (2006.01) A61M 5/20 (2006.01)**

[25] EN

[54] **DISPENSE INTERFACE COMPONENT FOR A DRUG DELIVERY DEVICE**

[54] **COMPOSANT D'INTERFACE DE DISTRIBUTION POUR UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENTS**

[72] HOLTWICK, MARC, DE  
[72] CERMAN, ZDENEK, DE  
[72] LEAK, DAVID MARTIN, US  
[72] BOYD, MALCOLM STANLEY, GB  
[72] DE SAUSMAREZ LINTELL, DANIEL THOMAS, GB  
[72] SANDERS, DAVID, GB  
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
[85] 2013-05-24  
[86] 2011-11-28 (PCT/EP2011/071132)  
[87] (WO2012/072556)  
[30] EP (10192991.7) 2010-11-29  
[30] US (61/433,806) 2011-01-18

[21] **2,818,983**  
[13] A1

[51] **Int.Cl. A23C 9/152 (2006.01) A23D 7/005 (2006.01) A23L 1/30 (2006.01) A23L 1/305 (2006.01)**

[25] EN

[54] **FORTIFYING NON-FAT FOOD PRODUCTS WITH POLYUNSATURATED FATTY ACIDS**

[54] **FORTIFIER DES PRODUITS ALIMENTAIRES NON GRAS PAR DES ACIDES GRAS POLYINSATURES**

[72] ZENG, SUZY XIAOQING, US  
[72] ANDERSON, GEORGIA A., US  
[72] ABRIL, JESUS RUBEN, US  
[72] WANG-NOLAN, WEI, US  
[71] WHITEWAVE SERVICES, INC., US  
[71] DSM IP ASSETS B.V., NL  
[85] 2013-05-24  
[86] 2011-11-10 (PCT/US2011/060126)  
[87] (WO2012/071179)  
[30] US (61/417,043) 2010-11-24  
[30] US (13/036,951) 2011-02-28

[21] **2,818,984**  
[13] A1

[51] **Int.Cl. C07J 9/00 (2006.01) A61K 31/575 (2006.01) A61P 1/16 (2006.01)**

[25] EN

[54] **OPTIMIZED SYNTHESIS OF PURE, NON-POLYMORPHIC, CRYSTALLINE BILE ACIDS WITH DEFINED PARTICLE SIZE**

[54] **SYNTHESE OPTIMISEE D'ACIDES BILIAIRES CRISTALLINS PURS ET NON POLYMORPHES AYANT UNE TAILLE DEFINIE DE PARTICULE**

[72] WILHELM, RUDOLF, DE  
[72] PROLS, MARKUS, DE  
[72] FISCHER, ERIK, DK  
[72] WAENERLUND POULSEN, HEIDI, DK  
[71] DR. FALK PHARMA GMBH, DE  
[85] 2013-05-24  
[86] 2011-11-30 (PCT/EP2011/071406)  
[87] (WO2012/072689)  
[30] EP (10193143.4) 2010-11-30

[21] **2,818,985**  
[13] A1

[51] **Int.Cl. A61B 1/015 (2006.01)**

[25] EN

[54] **DISPOSABLE AIR/WATER VALVE FOR AN ENDOSCOPE**

[54] **ROBINET AUTOMATIQUE DE DEBIT D'AIR/D'EAU A USAGE UNIQUE POUR UN ENDOSCOPE**

[72] GRUDO, DINA, US  
[72] ADAMS, CHRISTOPHER STEVEN, US  
[72] BYRNE, DON, US  
[71] MEDIVATORS INC., US  
[85] 2013-05-24  
[86] 2011-11-30 (PCT/US2011/062628)  
[87] (WO2012/075131)  
[30] US (61/418,191) 2010-11-30

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[51] **Int.Cl. C07D 209/42 (2006.01) A61K 31/405 (2006.01) A61K 31/4245 (2006.01) A61K 31/443 (2006.01) A61P 9/10 (2006.01) A61P 17/02 (2006.01) A61P 19/00 (2006.01) A61P 19/10 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01) C07D 403/12 (2006.01) C07D 413/04 (2006.01) C07D 413/14 (2006.01)**

[25] EN

[54] **INDOLE DERIVATIVES AS MODULATORS OF S1P RECEPTORS**

[54] **DERIVES D'INDOLE COMME MODULATEURS DES RECEPTEURS S1P**

[72] SINHA, SANTOSH C., US  
[72] BHAT, SMITA S., US  
[72] CHOW, KEN, US  
[72] GARST, MICHAEL E., US  
[72] IM, WHA BIN, US  
[71] ALLERGAN, INC., US  
[85] 2013-05-24  
[86] 2011-11-10 (PCT/US2011/060183)  
[87] (WO2012/071184)  
[30] US (61/416,958) 2010-11-24

[21] **2,818,987**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) C12Q 1/68 (2006.01)**

[25] EN

[54] **METHOD OF DIAGNOSING DOWN'S SYNDROME**

[54] **METHODE POUR DIAGNOSTIQUER LE SYNDROME DE DOWN**

[72] MADGETT, TRACEY ELIZABETH, GB  
[72] AVENT, NEIL DAVID, GB  
[71] UNIVERSITY OF PLYMOUTH ENTERPRISE LIMITED, GB  
[85] 2013-05-24  
[86] 2011-11-25 (PCT/GB2011/052322)  
[87] (WO2012/069847)  
[30] GB (1020071.5) 2010-11-26

[21] **2,818,988**  
[13] A1

[51] **Int.Cl. H01J 49/02 (2006.01) H01J 43/00 (2006.01) H01J 49/40 (2006.01)**

[25] EN

[54] **ION DETECTION SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE DETECTION D'IONS**

[72] KHOLOMEEV, ALEXANDER, DE  
[72] MAKAROV, ALEXANDER, DE  
[71] THERMO FISHER SCIENTIFIC (BREMEN) GMBH, DE  
[85] 2013-05-24  
[86] 2011-12-13 (PCT/EP2011/072634)  
[87] (WO2012/080268)  
[30] GB (1021405.4) 2010-12-17

[21] **2,818,989**  
[13] A1

[51] **Int.Cl. A23L 1/10 (2006.01) A23L 1/105 (2006.01) A23L 1/308 (2006.01) C12P 19/14 (2006.01) C12P 19/24 (2006.01) C13K 1/02 (2006.01) C13K 7/00 (2006.01)**

[25] EN

[54] **SYRUP COMPRISING HYDROLYZED WHOLE GRAIN**

[54] **SIROP COMPRENANT DES CEREALES ENTIERES HYDROLYSEES**

[72] MARK, STEPHEN, US  
[72] LOGHAVI, LALEH, US  
[72] WAVREILLE, ANNE-SOPHIE, CH  
[72] CHENG, PU-SHENG, US  
[72] ROGER, OLIVIER, CH  
[72] SCHAFFER-LEQUART, CHRISTELLE, CH  
[71] NESTEC S.A., CH  
[85] 2013-05-24  
[86] 2011-12-07 (PCT/EP2011/072010)  
[87] (WO2012/076575)  
[30] US (PCT/US2010/059490) 2010-12-08

[21] **2,818,990**  
[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01)**

[25] EN

[54] **DESIGNED REPEAT PROTEINS BINDING TO SERUM ALBUMIN**

[54] **PROTEINES DE REPETITION CONCUES SE LIANT A L'ALBUMINE SERIQUE**

[72] STEINER, DANIEL, CH  
[72] BINZ, HANS KASPAR, CH  
[72] GULOTTI-GEORGIEVA, MAYA, CH  
[72] MERZ, FRIEDER W., CH  
[72] PHILLIPS, DOUGLAS, CH  
[72] SONDEREGGER, IVO, CH  
[71] MOLECULAR PARTNERS AG, CH  
[85] 2013-05-24  
[86] 2011-11-25 (PCT/EP2011/071083)  
[87] (WO2012/069654)  
[30] EP (10192711.9) 2010-11-26

[21] **2,818,991**  
[13] A1

[51] **Int.Cl. E21B 43/22 (2006.01)**

[25] EN

[54] **METHOD FOR ENHANCED OIL RECOVERY FROM CARBONATE RESERVOIRS**

[54] **PROCEDE POUR RECUPERATION DE PETROLE AMELIOREE A PARTIR DE RESERVOIRS DE CARBONATE**

[72] HAROUN, MOHAMMED, AE  
[72] WITTLE, J., KENNETH, US  
[72] CHILINGAR, GEORGE, US  
[71] ELECTRO-PETROLEUM, INC., US  
[85] 2013-05-24  
[86] 2010-11-30 (PCT/US2010/058329)  
[87] (WO2012/074510)

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[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01)**

[25] EN

[54] **CHIMERIC RABBIT/HUMAN ROR1 ANTIBODIES**

[54] **ANTICORPS ROR1 CHIMERIQUES LAPIN/HUMAIN**

[72] RADER, CHRISTOPH, US  
[72] YANG, JIAHUI, CN  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 2013-05-24  
[86] 2011-11-30 (PCT/US2011/062670)  
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[13] A1

[51] **Int.Cl. C07D 233/60 (2006.01) A61K 31/40 (2006.01) A61P 9/10 (2006.01) A61P 25/02 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) A61P 29/02 (2006.01) A61P 37/06 (2006.01) C07D 233/61 (2006.01) C07D 295/03 (2006.01)**

[25] EN  
[54] **MODULATORS OF S1P RECEPTORS**  
[54] **MODULATEURS DE RECEPTEURS DE LA S1P**

[72] SINHA, SANTOSH C., US  
[72] BHAT, SMITA S., US  
[72] CHOW, KEN, US  
[72] GARST, MICHAEL E., US  
[72] IM, WHA BIN, US  
[71] ALLERGAN, INC., US  
[85] 2013-05-24  
[86] 2011-11-10 (PCT/US2011/060206)  
[87] (WO2012/071186)  
[30] US (61/416,939) 2010-11-24

[21] **2,818,994**  
[13] A1

[51] **Int.Cl. B60R 13/10 (2006.01) G06K 9/18 (2006.01)**

[25] EN  
[54] **METHODS AND SYSTEMS FOR ENHANCING READ ACCURACY IN AUTOMATED LICENSE PLATE READER SYSTEMS**  
[54] **PROCEDES ET SYSTEMES D'AMELIORATION DE LA PRECISION DE LECTURE DANS DES SYSTEMES DE LECTURE AUTOMATIQUES DE PLAQUE D'IMMATRICULATION**

[72] KAREL, GERALD L., US  
[72] DAHLIN, THOMAS J., US  
[72] FLEMING, PATRICK R., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2013-05-24  
[86] 2010-12-02 (PCT/US2010/058643)  
[87] (WO2012/074526)

[21] **2,818,995**  
[13] A1

[51] **Int.Cl. E04C 5/01 (2006.01)**

[25] EN  
[54] **STEEL FIBRE FOR REINFORCING CONCRETE OR MORTAR HAVING AN ANCHORAGE END WITH AT LEAST THREE STRAIGHT SECTIONS**  
[54] **FIBRE D'ACIER DESTINEE AU RENFORCEMENT DU BETON OU DU MORTIER, DOTEE D'UNE EXTREMITE D'ANCRAGE COMPRENANT AU MOINS TROIS SEGMENTS DROITS**

[72] LAMBRECHTS, ANN, BE  
[72] VAN HAEKE, MARTIN, BE  
[71] NV BEKAERT SA, BE  
[85] 2013-05-24  
[86] 2011-12-14 (PCT/EP2011/072744)  
[87] (WO2012/080323)  
[30] EP (10195105.1) 2010-12-15

[21] **2,818,996**  
[13] A1

[51] **Int.Cl. H01M 8/10 (2006.01) H01M 4/86 (2006.01) H01M 4/88 (2006.01) H01M 8/02 (2006.01)**

[25] FR  
[54] **GASEOUS DIFFUSION LAYER FOR FUEL CELL**  
[54] **COUCHE DE DIFFUSION GAZEUSE POUR PILE A COMBUSTIBLE**

[72] ROUILLON, LUDOVIC, FR  
[72] PAUCHET, JOEL, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR  
[85] 2013-05-24  
[86] 2011-09-26 (PCT/FR2011/052232)  
[87] (WO2012/076774)  
[30] FR (1060282) 2010-12-09

[21] **2,818,997**  
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) C12N 15/113 (2010.01) A01H 5/00 (2006.01)**

[25] EN  
[54] **METHODS AND COMPOSITIONS USING SMALL INTERFERING RNA (SIRNA) FOR NEMATODE CONTROL IN PLANTS**  
[54] **PROCEDES ET COMPOSITIONS UTILISANT UN PETIT ARN INTERFERANT (ARNSI) POUR LA LUTTE CONTRE LES NEMATODES CHEZ LES PLANTES**

[72] HUANG, XIANG, US  
[72] MCNEILL, THOMAS Z., US  
[72] SCHWEINER, MICHAEL, US  
[71] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2013-05-24  
[86] 2011-12-09 (PCT/US2011/064082)  
[87] (WO2012/078949)  
[30] US (61/421,275) 2010-12-09

[21] **2,818,998**  
[13] A1

[51] **Int.Cl. C09K 5/18 (2006.01) C09K 8/592 (2006.01) E21B 43/16 (2006.01) E21B 43/22 (2006.01)**

[25] EN  
[54] **HEAT GENERATING SYSTEM FOR ENHANCING OIL RECOVERY**  
[54] **SYSTEME GENERATEUR DE CHALEUR POUR RECUPERATION DE PETROLE RENFORCEE**

[72] WINSLOW, GREGORY, US  
[72] PRUKOP, GABRIEL, US  
[72] DWARAKANATH, VARADARAJAN, US  
[71] CHEVRON U.S.A. INC., US  
[85] 2013-05-24  
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[13] A1

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[25] EN

[54] **CORE FOAMS OF POLYURETHANE FOR PRODUCTION OF WINGS AND BLADES FOR WIND POWER SYSTEMS IN PARTICULAR**

[54] **MOUSSES D'AME EN POLYURETHANE POUR LA PRODUCTION DE PALES, DESTINEES EN PARTICULIER A DES EOLIENNES**

[72] PRISSOK, FRANK, DE

[72] BALBO BLOCK, MARCO, DE

[72] QIAN, ZHENYU, DE

[72] FREIDANK, DANIEL, DE

[72] SCHERZER, DIETRICH, DE

[72] MARTIN, INGRID, DE

[71] BASF SE, DE

[85] 2013-05-24

[86] 2011-11-30 (PCT/EP2011/071400)

[87] (WO2012/072687)

[30] EP (10193263.0) 2010-12-01

[21] **2,819,000**  
[13] A1

[51] **Int.Cl. A23D 7/005 (2006.01) A23D 7/00 (2006.01) A23L 1/03 (2006.01) A23L 1/035 (2006.01)**

[25] EN

[54] **HEAT TOLERANT LIPID-BASED FILLING**

[54] **GARNITURE A BASE DE LIPIDES RESISTANT A LA CHALEUR**

[72] COUTTENYE, RICHARD, US

[72] SCHULOK, JAMES, US

[71] KRAFT FOODS GLOBAL BRANDS LLC, US

[85] 2013-05-24

[86] 2011-12-12 (PCT/US2011/064430)

[87] (WO2012/082626)

[30] US (61/423,476) 2010-12-15

[21] **2,819,001**  
[13] A1

[51] **Int.Cl. E02D 29/02 (2006.01)**

[25] EN

[54] **FACING ELEMENT WITH INTEGRATED COMPRESSIBILITY**

[54] **ELEMENT DE PAREMENT A COMPRESSIBILITE INTEGREE**

[72] MARITZ, LOUWTJIE, ZA

[72] FREITAG, NICOLAS, FR

[71] TERRE ARMEE INTERNATIONALE, FR

[85] 2013-05-24

[86] 2010-11-26 (PCT/IB2010/003430)

[87] (WO2012/069868)

[21] **2,819,002**  
[13] A1

[51] **Int.Cl. A61K 8/81 (2006.01) A61K 8/36 (2006.01) A61Q 19/10 (2006.01) C11D 9/18 (2006.01) C11D 17/08 (2006.01)**

[25] EN

[54] **CLEANSING COMPOSITION**

[54] **COMPOSITION DE NETTOYAGE**

[72] SCALA, DIANA, US

[72] HALL-PUZIO, PATRICIA, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2013-05-24

[86] 2010-12-09 (PCT/US2010/059612)

[87] (WO2012/078154)

[21] **2,819,003**  
[13] A1

[51] **Int.Cl. A61K 31/485 (2006.01) A61K 31/137 (2006.01) A61P 25/30 (2006.01)**

[25] EN

[54] **METHODS FOR REDUCING BINGE OR COMPULSIVE EATING**

[54] **PROCEDES DE DIMINUTION DE LA FRENESIE ALIMENTAIRE OU DE COMPORTEMENT ALIMENTAIRE COMPULSIF**

[72] DUNAYEVICH, EDUARDO, US

[72] MCELROY, SUSAN, US

[72] LANDBLOOM, RON, US

[71] OREXIGEN THERAPEUTICS, INC., US

[85] 2013-05-24

[86] 2011-12-02 (PCT/US2011/063170)

[87] (WO2012/075453)

[30] US (61/419,354) 2010-12-03

[21] **2,819,004**  
[13] A1

[51] **Int.Cl. F04D 29/20 (2006.01) F01D 5/02 (2006.01) F04D 29/26 (2006.01) F16D 1/096 (2006.01)**

[25] EN

[54] **FANWHEEL ATTACHMENT USING EXPANSION-TOLERANT CONICALLY TAPERED RINGS**

[54] **FIXATION DE ROUE DE VENTILATEUR PAR BAGUES CONIQUES ACCOMMODANT LA DILATATION**

[72] REVILLOT, DOMINIQUE GEORGES, FR

[72] DELAISSE, GUY CONSTANT GHISLAIN, FR

[72] GODICHON, ALAIN FRANCOIS-EMILE, FR

[71] FLAKT SOLYVENT-VENTEC, FR

[85] 2013-05-24

[86] 2011-11-25 (PCT/FR2011/052766)

[87] (WO2012/069770)

[30] FR (1004606) 2010-11-26

[21] **2,819,005**  
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/50 (2006.01) B01D 53/96 (2006.01)**

[25] EN

[54] **A WET SCRUBBER FOR REMOVING SULPHUR DIOXIDE FROM A PROCESS GAS**

[54] **EPURATEUR HUMIDE POUR ELIMINATION DU DIOXYDE DE SOUFRE D'UN GAZ DE PROCEDE**

[72] AHMAN, STEFAN OSCAR HUGO, SE

[71] ALSTOM TECHNOLOGY LTD, CH

[85] 2013-05-24

[86] 2011-11-10 (PCT/IB2011/002682)

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[13] A1  
[51] **Int.Cl. H04W 88/06 (2009.01) H04W 88/04 (2009.01) H04B 5/00 (2006.01) G06Q 20/32 (2012.01)**  
[25] EN  
[54] **MULTI-MODE COMMUNICATIONS SYSTEM FOR A MOBILE PHONE**  
[54] **SYSTEME DE COMMUNICATION MULTIMODE POUR UN TELEPHONE MOBILE**  
[72] ADAMS, DAMON, CA  
[72] TAM, AMBROSE, CA  
[72] AGUIRRE-CHARO, CARLOS, CA  
[71] WIRELESS DYNAMICS, INC., CA  
[85] 2013-05-24  
[86] 2011-11-26 (PCT/IB2011/002818)  
[87] (WO2012/069918)  
[30] US (61/417,399) 2010-11-26

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[21] **2,819,007**  
[13] A1  
[51] **Int.Cl. C08B 37/16 (2006.01) A61K 31/724 (2006.01) A61P 21/00 (2006.01)**  
[25] EN  
[54] **6-DEOXY-6-THIOETHER-AMINO ACID CYCLODEXTRIN DERIVATIVES AND PREPARATION METHOD THEREOF**  
[54] **DERIVES DE CYCLODEXTRINE/DEOXY-6-THIOETHER-AMINO-ACIDE ET LEUR PROCEDE DE PREPARATION**  
[72] QI, YOUMAO, CN  
[71] QI, YOUMAO, CN  
[85] 2013-05-24  
[86] 2011-11-21 (PCT/CN2011/082577)  
[87] (WO2012/068981)  
[30] CN (201010566606.3) 2010-11-26

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[13] A1  
[51] **Int.Cl. G06F 9/44 (2006.01) G06F 17/24 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DISPLAYING SELECTABLE AUTOCOMPLETION SUGGESTIONS AND ANNOTATIONS IN MAPPING TOOL**  
[54] **PROCEDE ET SYSTEME D'AFFICHAGE D'ANNOTATIONS ET DE SUGGESTIONS DE REMPLISSAGE AUTOMATIQUE SELECTIONNABLES DANS UN OUTIL DE MISE EN CORRESPONDANCE**  
[72] MUIR, ELIOT MARVYN, CA  
[71] INTERFACEWARE INC., CA  
[85] 2013-05-24  
[86] 2011-11-21 (PCT/IB2011/002765)  
[87] (WO2012/069906)  
[30] US (12/954,176) 2010-11-24

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[13] A1  
[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/502 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **SUBSTITUTED BENZOPYRAZIN DERIVATIVES AS FGFR KINASE INHIBITORS FOR THE TREATMENT OF CANCER DISEASES**  
[54] **DERIVES DE BENZOPYRAZINE SUBSTITUEE EN TANT QU'INHIBITEURS DE LA FGFR KINASE POUR LE TRAITEMENT DE MALADIES CANCEREUSES**  
[72] BERDINI, VALERIO, GB  
[72] SAXTY, GORDON, GB  
[72] MURRAY, CHRISTOPHER WILLIAM, GB  
[72] BESONG, GILBERT EBAI, DE  
[72] HAMLETT, CHRISTOPHER CHARLES FREDERICK, GB  
[72] WOODHEAD, STEVEN JOHN, US  
[72] LIGNY, YANNICK AIME EDDY, FR  
[72] ANGIBAUD, PATRICK RENE, FR  
[71] ASTEX THERAPEUTICS LIMITED, GB  
[85] 2013-05-24  
[86] 2011-11-29 (PCT/GB2011/052356)  
[87] (WO2012/073017)  
[30] GB (1020179.6) 2010-11-29  
[30] US (61/417,744) 2010-11-29

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[13] A1  
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 37/00 (2006.01)**  
[25] EN  
[54] **METHOD TO INHIBIT RECRUITMENT OF MONOCYTES AND MACROPHAGES BY AN ICAM-3 INHIBITOR**  
[54] **PROCEDE D'INHIBITION DU RECRUTEMENT DE MONOCYTES ET DE MACROPHAGES PAR UN INHIBITEUR DE ICAM-3**  
[72] DEVITT, ANDREW, GB  
[71] ASTON UNIVERSITY, GB  
[85] 2013-05-24  
[86] 2011-10-05 (PCT/GB2011/001448)  
[87] (WO2012/046001)  
[30] GB (1016864.9) 2010-10-06

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[13] A1  
[51] **Int.Cl. D21G 1/02 (2006.01) F16C 13/00 (2006.01) F16C 13/02 (2006.01)**  
[25] EN  
[54] **BOWED INDUSTRIAL ROLL WITH HIGH STRENGTH BEARING FOR END SPOOL**  
[54] **ROULEAU INDUSTRIEL CINTRE AVEC ROULEMENT A HAUTE RESISTANCE POUR BOBINE D'EXTREMITE**  
[72] MOSCHEL, CHARLES, US  
[71] STOWE WOODWARD LICENSCO, LLC, US  
[85] 2013-05-24  
[86] 2011-12-05 (PCT/US2011/063222)  
[87] (WO2012/078486)  
[30] US (61/421,789) 2010-12-10  
[30] US (13/309,980) 2011-12-02

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[21] **2,819,012**  
[13] A1

[51] **Int.Cl. D21H 27/30 (2006.01) B05C 11/02 (2006.01) B05C 13/00 (2006.01) B05D 1/28 (2006.01) B31D 1/04 (2006.01) D21H 27/00 (2006.01)**

[25] EN

[54] **DISPERSIBLE WET WIPES CONSTRUCTED WITH A PLURALITY OF LAYERS HAVING DIFFERENT DENSITIES AND METHODS OF MANUFACTURING LINGETTES HUMIDES DISPERSABLES CONSTITUES D'UNE PLURALITE DE COUCHES AYANT DES DENSITES DIFFERENTES, ET PROCEDES DE FABRICATION**

[72] ZWICK, KENNETH JOHN, US  
[72] ZHANG, JUN, US  
[72] JOHNSON, KROY DONALD, US  
[72] VOGEL, NATHAN JOHN, US  
[72] GUSKY, ROBERT IRVING, US  
[72] POWLING, DAVID JAMES SEALY, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2013-05-24  
[86] 2011-11-16 (PCT/IB2011/055132)  
[87] (WO2012/085708)  
[30] US (12/977,527) 2010-12-23

[21] **2,819,013**  
[13] A1

[51] **Int.Cl. G01N 1/08 (2006.01) G01N 1/28 (2006.01) G01N 1/42 (2006.01)**

[25] EN

[54] **APPARATUS AND METHODS FOR ALIQUOTTING FROZEN SAMPLES**

[54] **APPAREIL ET PROCEDES PERMETTANT D'ALIQUOTER DES ECHANTILLONS CONGELES**

[72] LARSON, DALE N., US  
[72] BELLIO, STEPHEN L., US  
[72] SLUSARZ, JOHN, US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[71] CHARLES STARK DRAPER LABORATORY, INC., US  
[85] 2013-05-24  
[86] 2011-11-17 (PCT/US2011/061214)  
[87] (WO2012/074771)  
[30] US (61/418,688) 2010-12-01

[21] **2,819,014**  
[13] A1

[51] **Int.Cl. H04N 7/26 (2006.01)**

[25] EN

[54] **VIDEO ENCODING DEVICE, VIDEO DECODING DEVICE, VIDEO ENCODING METHOD, VIDEO DECODING METHOD, AND PROGRAM**

[54] **DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE ET PROGRAMME**

[72] CHONO, KEIICHI, JP  
[72] SENDA, YUZO, JP  
[72] TAJIME, JUNJI, JP  
[72] AOKI, HIROFUMI, JP  
[72] SENZAKI, KENTA, JP  
[71] NEC CORPORATION, JP  
[85] 2013-05-24  
[86] 2011-11-22 (PCT/JP2011/006509)  
[87] (WO2012/070232)  
[30] JP (2010-264320) 2010-11-26  
[30] JP (2011-026331) 2011-02-09

[21] **2,819,015**  
[13] A1

[51] **Int.Cl. A61J 15/00 (2006.01)**

[25] EN

[54] **IMPROVED INFLATABLE RETENTION SYSTEM FOR AN ENTERAL FEEDING DEVICE**

[54] **SYSTEME DE RETENUE GONFLABLE AMELIORE POUR UN DISPOSITIF D'ALIMENTATION ENTERALE**

[72] BAGWELL, ALISON S., US  
[72] ESTES, THOMAS G., US  
[72] MCMICHAEL, DONALD J., US  
[72] ROTELLA, JOHN A., US  
[72] TEIXEIRA, SCOTT M., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2013-05-24  
[86] 2011-11-16 (PCT/IB2011/055142)  
[87] (WO2012/085710)  
[30] US (12/977,945) 2010-12-23

[21] **2,819,016**  
[13] A1

[51] **Int.Cl. H04N 5/225 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CONTROLLING DEVICE**

[54] **PROCEDE ET APPAREIL DE COMMANDE DE DISPOSITIF**

[72] EUN, DONG-JIN, KR  
[72] KIM, HARK-JOON, KR  
[72] KANG, SEONG-HOON, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2013-05-24  
[86] 2011-10-14 (PCT/KR2011/007646)  
[87] (WO2012/099315)  
[30] KR (10-2011-0005987) 2011-01-20

[21] **2,819,017**  
[13] A1

[51] **Int.Cl. C07D 235/16 (2006.01)**

[25] EN

[54] **METHODS FOR THE PREPARATION OF BENDAMUSTINE**

[54] **PROCEDE DE PREPARATION DE BENDAMUSTINE**

[72] GAYRING, ANTON H., CH  
[72] MILLER, SCOTT A., US  
[71] CEPHALON, INC., US  
[85] 2013-05-24  
[86] 2012-01-18 (PCT/US2012/021686)  
[87] (WO2012/106117)  
[30] US (61/437,809) 2011-01-31

[21] **2,819,018**  
[13] A1

[51] **Int.Cl. B65D 75/56 (2006.01) B65D 75/58 (2006.01)**

[25] EN

[54] **REFILL BAG**

[54] **SAC DE RECHARGE**

[72] BECKER, RUDIGER, US  
[72] HANDY, FRANCIS J., US  
[71] METHOD PRODUCTS, INC., US  
[85] 2013-05-24  
[86] 2011-11-22 (PCT/US2011/061805)  
[87] (WO2012/071391)  
[30] US (12/954,202) 2010-11-24

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[13] A1

[51] **Int.Cl. C13K 1/04 (2006.01) B01D 71/08 (2006.01) C13K 13/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING CONCENTRATED AQUEOUS SUGAR SOLUTION**  
[54] **PROCEDE DE FABRICATION D'UNE SOLUTION AQUEUSE CONCENTREE DE SUCRE**  
[72] HANAKAWA, MASAYUKI, JP  
[72] KANAMORI, SATOKO, JP  
[72] KURIHARA, HIROYUKI, JP  
[72] TAKEUCHI, NORIHIRO, JP  
[72] MINAMINO, ATSUSHI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2013-05-24  
[86] 2011-12-07 (PCT/JP2011/078249)  
[87] (WO2012/077698)  
[30] JP (2010-274329) 2010-12-09  
[30] JP (2010-274330) 2010-12-09  
[30] JP (2010-275408) 2010-12-10

[21] **2,819,020**  
[13] A1

[51] **Int.Cl. G06Q 50/24 (2012.01)**  
[25] EN  
[54] **MENINGITIS DIAGNOSTIC AND INTERVENTION TOOL FOR EMERGENCY DISPATCH**  
[54] **OUTIL DE DIAGNOSTIC DE LA MENINGITE ET D'INTERVENTION DANS LE CADRE D'UN SERVICE D'URGENCE**  
[72] CLAWSON, JEFFREY J., US  
[71] CLAWSON, JEFFREY J., US  
[85] 2013-05-24  
[86] 2012-01-19 (PCT/US2012/021867)  
[87] (WO2012/100052)  
[30] US (61/434,340) 2011-01-19

[21] **2,819,021**  
[13] A1

[51] **Int.Cl. A61K 31/20 (2006.01) A61P 25/08 (2006.01)**  
[25] EN  
[54] **THERAPEUTIC USE OF COMPOUNDS**  
[54] **UTILISATION THERAPEUTIQUE DE COMPOSES**  
[72] WILLIAMS, ROBIN SIMON BROOKE, GB  
[72] WALKER, MATTHEW, GB  
[71] UCL BUSINESS PLC, GB  
[85] 2013-05-24  
[86] 2011-11-24 (PCT/GB2011/001646)  
[87] (WO2012/069790)  
[30] GB (1020133.3) 2010-11-26

[21] **2,819,022**  
[13] A1

[51] **Int.Cl. G01V 1/30 (2006.01) G01V 1/24 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **STABLE SHOT ILLUMINATION COMPENSATION**  
[54] **COMPENSATION STABLE D'ILLUMINATION DE MESURES**  
[72] ZHANG, LINBIN, US  
[72] LIU, WEI, US  
[72] WANG, YUE, US  
[72] SHAN, GUOJIAN, US  
[71] CHEVRON U.S.A. INC., US  
[85] 2013-05-24  
[86] 2012-02-28 (PCT/US2012/026876)  
[87] (WO2012/141805)  
[30] US (13/086,032) 2011-04-13

[21] **2,819,023**  
[13] A1

[51] **Int.Cl. G01V 1/28 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SEISMIC DATA INVERSION**  
[54] **SYSTEME ET PROCEDE POUR INVERSION DE DONNEES SISMIQUES**  
[72] WASHBOURNE, JOHN KENNETH, US  
[72] SHAH, NIKHIL KOOLESH, US  
[72] BUBE, KENNETH PAUL, US  
[71] CHEVRON U.S.A. INC., US  
[85] 2013-05-24  
[86] 2012-03-09 (PCT/US2012/028504)  
[87] (WO2012/170091)  
[30] US (13/156,190) 2011-06-08

[21] **2,819,024**  
[13] A1

[51] **Int.Cl. H01J 49/02 (2006.01)**  
[25] EN  
[54] **DATA ACQUISITION SYSTEM AND METHOD FOR MASS SPECTROMETRY**  
[54] **SYSTEME D'ACQUISITION DE DONNEES ET PROCEDE DE SPECTROMETRIE DE MASSE**  
[72] MAKAROV, ALEXANDER, DE  
[72] GIANNAKOPOULOS, ANASTASSIOS, DE  
[72] BIEL, MATTHIAS, DE  
[71] THERMO FISHER SCIENTIFIC (BREMEN) GMBH, DE  
[85] 2013-05-24  
[86] 2011-12-15 (PCT/EP2011/073005)  
[87] (WO2012/080443)  
[30] EP (10195585.4) 2010-12-17

[21] **2,819,025**  
[13] A1

[51] **Int.Cl. A47B 3/00 (2006.01)**  
[25] EN  
[54] **TABLE WITH MOLDED PLASTIC TABLE TOP**  
[54] **TABLE MUNIE DE DESSUS DE TABLE EN MATIERE PLASTIQUE MOULEE**  
[72] PEERY, WENDELL, US  
[72] JOHNSON, MITCH, US  
[72] JIN, JU-YOUNG, CN  
[71] LIFETIME PRODUCTS, INC., US  
[85] 2013-05-24  
[86] 2012-04-25 (PCT/US2012/035056)  
[87] (WO2012/149061)  
[30] US (29/390,471) 2011-04-25  
[30] US (61/478,786) 2011-04-25  
[30] US (61/478,879) 2011-04-25  
[30] US (61/531,081) 2011-09-05  
[30] US (61/543,277) 2011-10-04  
[30] US (13/455,073) 2012-04-24

[21] **2,819,026**  
[13] A1

[51] **Int.Cl. F01D 5/00 (2006.01)**  
[25] EN  
[54] **BLADED DISK ASSEMBLY**  
[54] **ENSEMBLE DISQUE AUBAGE**  
[72] BASILETTI, MATTHEW PETER, US  
[72] USKERT, RICHARD CHRISTOPHER, US  
[72] TUCKER, MICHELLE LYNN, US  
[71] ROLLS-ROYCE CORPORATION, US  
[85] 2013-05-24  
[86] 2011-11-23 (PCT/US2011/062087)  
[87] (WO2012/078375)  
[30] US (12/954,206) 2010-11-24

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[13] A1

[51] **Int.Cl. B60B 21/02 (2006.01) B60B 1/00 (2006.01)**  
[25] EN  
[54] **OPTIMUM AERODYNAMIC BICYCLE WHEEL**  
[54] **ROUE DE BICYCLETTE A AERODYNAMISME OPTIMAL**  
[72] SMART, SIMON, GB  
[71] SMART AERO TECHNOLOGY LIMITED, GB  
[85] 2013-05-24  
[86] 2011-11-25 (PCT/GB2011/001648)  
[87] (WO2012/069792)  
[30] US (61/417,278) 2010-11-25

[21] **2,819,028**  
[13] A1

[51] **Int.Cl. A47B 13/08 (2006.01)**  
[25] EN  
[54] **TABLE WITH MOLDED PLASTIC TABLE TOP**  
[54] **TABLE MUNIE DE DESSUS DE TABLE EN MATIERE PLASTIQUE MOULEE**  
[72] PEERY, WENDELL, US  
[72] WATSON, NEIL, US  
[71] LIFETIME PRODUCTS, INC., US  
[85] 2013-05-24  
[86] 2012-04-25 (PCT/US2012/035058)  
[87] (WO2012/149063)  
[30] US (29/390,471) 2011-04-25  
[30] US (61/478,786) 2011-04-25  
[30] US (61/478,879) 2011-04-25  
[30] US (61/531,081) 2011-09-05  
[30] US (61/543,277) 2011-10-04  
[30] US (13/455,076) 2012-04-24

[21] **2,819,029**  
[13] A1

[51] **Int.Cl. C07D 303/04 (2006.01)**  
[25] EN  
[54] **PROCESS FOR IMPROVING THE SELECTIVITY OF AN EO CATALYST**  
[54] **PROCEDE POUR AMELIORER LA SELECTIVITE D'UN CATALYSEUR EO**  
[72] EVANS, WAYNE ERROL, US  
[72] MATUSZ, MAREK, US  
[72] MCALLISTER, PAUL MICHAEL, US  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2013-05-24  
[86] 2011-12-06 (PCT/US2011/063490)  
[87] (WO2012/078603)  
[30] US (61/420,846) 2010-12-08

[21] **2,819,030**  
[13] A1

[51] **Int.Cl. B05D 3/10 (2006.01)**  
[25] EN  
[54] **DEPOSITION OF A SILVER LAYER ON A NONCONDUCTING SUBSTRATE**  
[54] **DEPOT D'UNE COUCHE D'ARGENT SUR UN SUBSTRAT NON CONDUCTEUR**  
[72] TERRY, RICHARD N., US  
[72] CHEN, FUNG BOR, US  
[72] YIN, ZHIHUI, US  
[71] C.R. BARD, INC., US  
[85] 2013-05-24  
[86] 2011-11-23 (PCT/US2011/062086)  
[87] (WO2012/071536)  
[30] US (61/417,305) 2010-11-26  
[30] US (61/421,901) 2010-12-10

[21] **2,819,031**  
[13] A1

[51] **Int.Cl. B22F 3/03 (2006.01) B22F 3/105 (2006.01) B22F 5/00 (2006.01) E21B 10/00 (2006.01) E21B 41/00 (2006.01)**  
[25] EN  
[54] **IMPROVEMENTS IN HEAT FLOW CONTROL FOR MOLDING DOWNHOLE EQUIPMENT**  
[54] **AMELIORATIONS DANS LA REGULATION DE FLUX DE CHALEUR POUR LE MOULAGE D'UN EQUIPEMENT DE FOND**  
[72] ATKINS, WILLIAM BRIAN, US  
[72] WEAVER, GARY EUGENE, US  
[72] SILLEN, VALERIE, BE  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2013-05-27  
[86] 2011-11-25 (PCT/EP2011/071038)  
[87] (WO2012/072513)  
[30] GB (1020235.6) 2010-11-29

[21] **2,819,032**  
[13] A1

[51] **Int.Cl. C08L 83/04 (2006.01) A61L 26/00 (2006.01) A61M 1/00 (2006.01)**  
[25] EN  
[54] **COMPOSITION I-II AND PRODUCTS AND USES THEREOF**  
[54] **COMPOSITION I-II ET SES PRODUITS ET APPLICATIONS**  
[72] PHILLIPS, MARCUS DAMIAN, GB  
[72] BLANC, DELPHINE, FR  
[71] SMITH & NEPHEW PLC, GB  
[71] BLUESTAR SILICONES FRANCE SAS, FR  
[85] 2013-05-24  
[86] 2011-11-25 (PCT/GB2011/001652)  
[87] (WO2012/069794)  
[30] GB (1019997.4) 2010-11-25  
[30] GB (1104512.7) 2011-03-17

[21] **2,819,033**  
[13] A1

[51] **Int.Cl. E03F 5/04 (2006.01)**  
[25] EN  
[54] **CONNECTING PROFILE, FLOOR DRAIN ELEMENT FIXED TO THE EDGE OF A SURFACE SUCH AS CONCRETE CASTING TO BE WET-SEALED, AND METHOD SOLUTION POUR SCELLER L'INTERSTICE ENTRE UN SIPHON DE SOL ET LA SURFACE AUTOUR**  
[72] LOKKINEN, MIKA, FI  
[72] LOKKINEN, JUHO, FI  
[71] PICOTE OY LTD, FI  
[85] 2013-06-17  
[86] 2011-12-13 (PCT/FI2011/051102)  
[87] (WO2012/080571)  
[30] FI (20106320) 2010-12-15

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[13] A1

[51] **Int.Cl. C07D 239/26 (2006.01) A01N 43/54 (2006.01)**

[25] EN

[54] **PYRIMIDINE DERIVATIVES AND USE THEREOF AS PESTICIDES**

[54] **DERIVES PYRIMIDIQUES ET LEUR UTILISATION COMME AGENTS DE LUTTE ANTIPARASITAIRE**

[72] NISING, CARL FRIEDRICH, DE

[72] HOLMWOOD, GRAHAM, DE

[72] HELMKE, HENDRIK, DE

[72] PERIS, GORKA, DE

[72] TSUCHIYA, TOMOKI, DE

[72] SUDAU, ALEXANDER, DE

[72] BENTING, JURGEN, DE

[72] DAHMEN, PETER, DE

[72] WACHENDORFF-NEUMANN, ULRIKE, DE

[71] BAYER INTELLECTUAL PROPERTY GMBH, DE

[85] 2013-05-27

[86] 2011-11-28 (PCT/EP2011/071123)

[87] (WO2012/072547)

[30] EP (10193115.2) 2010-11-30

[30] US (61/418,526) 2010-12-01

[21] **2,819,035**  
[13] A1

[51] **Int.Cl. F03B 3/12 (2006.01) F03B 3/04 (2006.01) F03B 17/06 (2006.01)**

[25] EN

[54] **WATER FLOW ELECTRICITY GENERATING DEVICE**

[54] **DISPOSITIF GENERATEUR D'ELECTRICITE A FLUX D'EAU**

[72] KIYOSE, HIROMITSU, JP

[72] OWAKI, KIYOTO, JP

[72] YANASE, ETSUYA, JP

[72] MURASE, YOUHEI, JP

[72] OKAWA, HIROYASU, JP

[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP

[85] 2013-05-24

[86] 2011-10-24 (PCT/JP2011/005939)

[87] (WO2012/070186)

[30] JP (2010-262385) 2010-11-25

[21] **2,819,037**  
[13] A1

[51] **Int.Cl. B28C 7/02 (2006.01) B28C 7/04 (2006.01)**

[25] EN

[54] **METHOD FOR PREPARING ADMIXTURE BLENDS FOR CONSTRUCTION MATERIAL ON SITE AND A MICRO-PLANT FOR IMPLEMENTING THE METHOD**

[54] **PROCEDE POUR LA PREPARATION DE MELANGES D'ADJUVANTS POUR MATERIAU DE CONSTRUCTION SUR SITE ET MICRO-INSTALLATION POUR LA MISE EN ŒUVRE DU PROCEDE**

[72] ASMUS, SVEN, CN

[72] FUJIOKA, MASAYORI, CN

[72] KLUEGGE, JAN, CN

[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE

[85] 2013-05-24

[86] 2010-12-06 (PCT/CN2010/079470)

[87] (WO2012/075620)

[21] **2,819,038**  
[13] A1

[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C12N 15/12 (2006.01) C12N 15/13 (2006.01)**

[25] EN

[54] **HUMANIZED ANTIBODIES TO LIV-1 AND USE OF SAME TO TREAT CANCER**

[54] **ANTICORPS HUMANISES DIRIGES VERS LIV-1 ET LEUR UTILISATION POUR TRAITER LE CANCER**

[72] SMITH, MARIA LEIA, US

[72] SUSSMAN, DJANGO, US

[72] ARTHUR, WILLIAM, US

[72] NESTEROVA, ALBINA, US

[71] SEATTLE GENETICS, INC., US

[85] 2013-05-24

[86] 2011-12-06 (PCT/US2011/063612)

[87] (WO2012/078688)

[30] US (61/420,291) 2010-12-06

[30] US (61/446,990) 2011-02-25

[21] **2,819,039**  
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 9/50 (2006.01) A61K 31/196 (2006.01) A61K 31/44 (2006.01) A61K 31/4439 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PREPARATION OF A PPI-CONTAINING PHARMACEUTICAL PRODUCT**

[54] **PROCEDE DE PRODUCTION D'UNE PREPARATION PHARMACEUTIQUE CONTENANT UN IPP**

[72] WEIB, GERD, DE

[72] PROFITLICH, THOMAS, DE

[72] SCHWITZER, KARL, DE

[72] WAGNER, CORNELIA, DE

[72] SCHWITZER, MANFRED, DE

[72] HUBER, BERNHARD, DE

[71] TEMMLER WERKE GMBH, DE

[85] 2013-05-27

[86] 2011-11-28 (PCT/EP2011/071149)

[87] (WO2012/072570)

[30] DE (10 2010 052 847.1) 2010-11-29

[21] **2,819,040**  
[13] A1

[51] **Int.Cl. C12Q 1/00 (2006.01) G01N 21/78 (2006.01) G01N 33/64 (2006.01)**

[25] EN

[54] **METHOD FOR MEASURING COMPONENT TO BE MEASURED**

[54] **PROCEDE D'ANALYSE D'UN COMPOSANT A TESTER**

[72] MURAKAMI, TOMOMI, JP

[71] KYOWA MEDEX CO., LTD., JP

[85] 2013-05-24

[86] 2011-12-12 (PCT/JP2011/078669)

[87] (WO2012/081539)

[30] JP (2010-276550) 2010-12-13

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[13] A1

[51] **Int.Cl. C07H 19/11 (2006.01) A61K 31/513 (2006.01) A61K 31/52 (2006.01) A61P 31/14 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01) C07H 19/213 (2006.01)**

[25] EN  
[54] **CYCLIC NUCLEOTIDE ANALOGS**  
[54] **ANALOGUES DE NUCLEOTIDES CYCLIQUES**

[72] BEIGELMAN, LEONID, US  
[72] SMITH, DAVID BERNARD, US  
[72] DEVAL, JEROME, US  
[72] RAJWANSHI, VIVEK KUMAR, US  
[71] ALIOS BIOPHARMA, INC., US  
[85] 2013-05-24  
[86] 2011-12-20 (PCT/US2011/066249)  
[87] (WO2012/088155)  
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[30] US (61/536,445) 2011-09-19

[21] **2,819,042**  
[13] A1

[51] **Int.Cl. C13K 1/04 (2006.01) B01D 61/02 (2006.01) B01D 61/14 (2006.01) B01D 61/58 (2006.01) B01D 65/02 (2006.01) B01D 69/08 (2006.01) B01D 69/12 (2006.01) B01D 71/56 (2006.01) B09B 3/00 (2006.01)**

[25] EN  
[54] **METHOD FOR PRODUCING CONCENTRATED AQUEOUS SUGAR SOLUTION**  
[54] **PROCEDE DE FABRICATION D'UNE SOLUTION AQUEUSE CONCENTREE DE SUCRE**

[72] KANAMORI, SATOKO, JP  
[72] HANAKAWA, MASAYUKI, JP  
[72] HURIHARA, HIROYUKI, JP  
[72] TAKEUCHI, NORIHIRO, JP  
[72] MINAMINO, ATSUSHI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2013-05-24  
[86] 2011-12-07 (PCT/JP2011/078248)  
[87] (WO2012/077697)  
[30] JP (2010-274329) 2010-12-09  
[30] JP (2010-275408) 2010-12-10

[21] **2,819,044**  
[13] A1

[51] **Int.Cl. H01H 77/10 (2006.01) H01H 1/54 (2006.01)**

[25] EN  
[54] **CONTACT MECHANISM OF AN ELECTRIC SWITCHING DEVICE**  
[54] **APPAREIL DE CONTACT D'UN DISPOSITIF DE COMMUTATION ELECTRIQUE**

[72] HEINS, VOLKER, DE  
[72] HAENDLER, KURT, DE  
[71] EATON ELECTRICAL IP GMBH & CO. KG, DE  
[85] 2013-05-27  
[86] 2011-11-28 (PCT/EP2011/071215)  
[87] (WO2012/072599)  
[30] EP (10193007.1) 2010-11-29

[21] **2,819,045**  
[13] A1

[51] **Int.Cl. C09B 67/00 (2006.01) C07D 279/20 (2006.01) C09B 21/00 (2006.01) C09B 67/20 (2006.01)**

[25] EN  
[54] **METHOD FOR PRESERVING AQUEOUS SOLUTION CONTAINING LEUCO CHROMOGEN**  
[54] **PROCEDE POUR LE STOCKAGE DE SOLUTION AQUEUSE CONTENANT UN CHROMOGENE DE TYPE LEUCO**

[72] SOYA, HARUYO, JP  
[71] KYOWA MEDEX CO., LTD., JP  
[85] 2013-05-24  
[86] 2011-12-12 (PCT/JP2011/078670)  
[87] (WO2012/081540)  
[30] JP (2010-276551) 2010-12-13

[21] **2,819,046**  
[13] A1

[51] **Int.Cl. B65D 75/56 (2006.01) B65D 85/08 (2006.01)**

[25] EN  
[54] **THERMAL AND/OR ACOUSTIC INSULATION PACKAGING**  
[54] **EMBALLAGE D'ISOLATION THERMIQUE ET/OU ACOUSTIQUE**

[72] LERAT, CYRILLE, BE  
[71] KNAUF INSULATION, BE  
[85] 2013-05-27  
[86] 2011-11-28 (PCT/EP2011/071216)  
[87] (WO2012/072600)  
[30] GB (1020173.9) 2010-11-29

[21] **2,819,047**  
[13] A1

[51] **Int.Cl. E02B 3/18 (2006.01)**

[25] EN  
[54] **FISH-THRU SCREEN APPARATUS AND METHOD**  
[54] **APPAREIL A TAMIS DE REPECHAGE ET PROCEDE ASSOCIE**

[72] MASHBURN, BENNY DONALD, US  
[72] BEYNON, DOUGLAS A., US  
[71] MASHBURN, BENNY DONALD, US  
[85] 2013-05-24  
[86] 2012-01-03 (PCT/US2012/020080)  
[87] (WO2012/094318)  
[30] US (12/985,697) 2011-01-06

[21] **2,819,048**  
[13] A1

[51] **Int.Cl. F16K 1/38 (2006.01)**

[25] EN  
[54] **METHOD OF JOINING A CERAMIC PLUG TIP AND A STEEL SUPPORT MEMBER USING A THREADED JOINT AND AN ADHESIVE**  
[54] **PROCEDE DE JONCTION D'UNE POINTE D'OPERCULE CERAMIQUE ET D'UN ELEMENT SUPPORT EN ACIER UTILISANT UN JOINT FILETE ET UN ADHESIF**

[72] GAO, CHUN, CN  
[72] YU, ZHONGWEI, CN  
[72] CHEN, ZHENGYU, CN  
[71] EMERSON PROCESS MANAGEMENT (TIANJIN) VALVES CO., LTD, CN  
[85] 2013-05-24  
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[13] A1

[51] **Int.Cl. C08G 77/62 (2006.01)**  
[25] EN  
[54] **INTUMESCENT, HALOGEN-FREE, SILICON-PHOSPHORUS-NITROGEN BASED POLYMERIC FLAME RETARDANT**

[54] **IGNIFUGE POLYMERIE INTUMESCENT A BASE DE SILICIUM-PHOSPHORE-AZOTE SANS HALOGENE**

[72] ZHU, JOURNEY LU, CN  
[72] CHEN, GIVEN JING, CN  
[72] JOW, JINDER, US  
[72] SU, KENNY CHUN HUI, CN  
[72] WEI, PING, CN  
[72] WANG, CHEN, CN  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2013-05-24  
[86] 2010-12-02 (PCT/CN2010/079398)  
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[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G01V 9/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CHARACTERIZING RESERVOIR FORMATION EVALUATION UNCERTAINTY**

[54] **SYSTEME ET PROCEDE POUR CARACTERISER UNE INCERTITUDE D'EVALUATION DE FORMATION DE RESERVOIR**

[72] THORNE, JULIAN, US  
[72] BILODEAU, BRUCE, US  
[72] CLAVAUD, JEAN-BAPTISTE, US  
[71] CHEVRON U.S.A. INC., US  
[85] 2013-05-24  
[86] 2012-05-10 (PCT/US2012/037227)  
[87] (WO2012/154912)  
[30] US (61/484,398) 2011-05-10

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[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) A61K 49/06 (2006.01) G01N 21/63 (2006.01) G01N 33/58 (2006.01)**  
[25] EN  
[54] **SINGLE NANOPARTICLE HAVING A NANOGAP BETWEEN A CORE MATERIAL AND A SHELL MATERIAL, AND MANUFACTURING METHOD THEREOF**

[54] **NANOPARTICULE SIMPLE AYANT UN NANOESPACE ENTRE UN MATERIAU DE NOYAU ET UN MATERIAU DE COQUE, ET PROCEDE DE FABRICATION DE CELLE-CI**

[72] SUH, YUNG DOUG, KR  
[72] NAM, JWA MIN, KR  
[72] LIM, DONG KWON, KR  
[72] JEON, KI SEOK, KR  
[71] KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, KR  
[71] SNU R&DB FOUNDATION, KR  
[85] 2013-05-24  
[86] 2011-11-24 (PCT/KR2011/009031)  
[87] (WO2012/070893)  
[30] KR (10-2010-0117527) 2010-11-24

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[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G01V 9/00 (2006.01) G06F 17/18 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR GENERATING A GEOSTATISTICAL MODEL OF A GEOLOGICAL VOLUME OF INTEREST THAT IS CONSTRAINED BY A PROCESS-BASED MODEL OF THE GEOLOGICAL VOLUME OF INTEREST**

[54] **SYSTEME ET PROCEDE DESTINES A GENERER UN MODELE GEOSTATISTIQUE D'UN VOLUME GEOLOGIQUE D'INTERET QUI EST CONTRAINT PAR UN MODELE A BASE DE PROCESSUS DU VOLUME GEOLOGIQUE D'INTERET**

[72] PYRCZ, MICHAEL JAMES, US  
[72] ANDRES, MIRIAM S., US  
[72] HARRIS, FRANK WILLIAM, III, US  
[72] LEVY, MARJORIE, US  
[72] HARRIS, PAUL MITCHELL, US  
[71] CHEVRON U.S.A. INC., US  
[85] 2013-05-24  
[86] 2012-05-14 (PCT/US2012/037779)  
[87] (WO2013/002898)  
[30] US (13/170,462) 2011-06-28

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[13] A1

[51] **Int.Cl. A47J 31/42 (2006.01) A47J 31/057 (2006.01) A47J 31/06 (2006.01) A47J 31/24 (2006.01) B65D 85/808 (2006.01)**  
[25] EN  
[54] **BREWED BEVERAGE APPLIANCE AND METHOD**

[54] **APPAREIL DE BOISSON INFUSEE ET PROCEDE**

[72] LAI, KIN MAN, CN  
[72] FUNG, KAM FAI, CN  
[72] SCHNABEL, BARBARA LYNN, US  
[72] ORENT, JILL FRANCES KREUTZER, US  
[71] CONAIR CORPORATION, US  
[85] 2013-05-24  
[86] 2012-06-25 (PCT/US2012/043928)  
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[30] US (13/231,021) 2011-09-13

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[51] **Int.Cl. A61B 18/18 (2006.01) A61B 5/01 (2006.01) A61B 17/3205 (2006.01) A61M 25/09 (2006.01) A61M 25/10 (2013.01)**

[25] EN

[54] **CATHETER SYSTEMS FOR CARDIAC ARRHYTHMIA ABLATION**

[54] **SYSTEMES A CATHETER POUR L'ABLATION DE L'ARYTHMIE CARDIAQUE**

[72] AVITALL, BOAZ, US

[71] AVITALL, BOAZ, US

[85] 2013-06-07

[86] 2011-12-06 (PCT/US2011/063506)

[87] (WO2012/078612)

[30] US (12/961,781) 2010-12-07

[30] US (13/106,309) 2011-05-12

[21] **2,819,057**  
[13] A1

[51] **Int.Cl. C10L 10/12 (2006.01)**

[25] EN

[54] **USE OF MIXTURES OF MONOCARBOXYLIC ACIDS AND POLYCYCLIC HYDROCARBON COMPOUNDS FOR INCREASING THE CETANE NUMBER OF FUEL OILS**

[54] **UTILISATION DE MELANGES D'ACIDES MONOCARBOXYLIQUES ET DE COMPOSES HYDROCARBURES POLYCYCLIQUES POUR AUGMENTER L'INDICE DE CETANE D'HUILES COMBUSTIBLES**

[72] BOHNKE, HARALD, DE

[71] BASF SE, DE

[85] 2013-05-27

[86] 2011-12-12 (PCT/EP2011/072449)

[87] (WO2012/080168)

[30] EP (10194850.3) 2010-12-14

[21] **2,819,058**  
[13] A1

[51] **Int.Cl. C08F 214/22 (2006.01)**

[25] EN

[54] **VINYLDIENE FLUORIDE AND TRIFLUOROETHYLENE POLYMERS**

[54] **POLYMERES DE FLUORURE DE VINYLIDENE ET DE TRIFLUOROETHYLENE**

[72] MARRANI, ALESSIO, IT

[72] BRINATI, GIULIO, IT

[71] SOLVAY SPECIALTY POLYMERS ITALY S.P.A., IT

[85] 2013-05-27

[86] 2011-12-13 (PCT/EP2011/072507)

[87] (WO2012/084579)

[30] EP (10196549.9) 2010-12-22

[21] **2,819,059**  
[13] A1

[51] **Int.Cl. B03D 1/24 (2006.01)**

[25] EN

[54] **GAS FLOW CONTROLLER**

[54] **REGULATEUR DE DEBIT DE GAZ**

[72] HARDING, DAMIEN, AU

[72] HOLDSWORTH, MARK, US

[72] PAPAZOGLU, DIAMOND, US

[71] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU

[85] 2013-05-27

[86] 2011-12-02 (PCT/AU2011/001569)

[87] (WO2012/071627)

[30] US (61/419,304) 2010-12-03

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[13] A1

[51] **Int.Cl. C25B 1/02 (2006.01) C25B 9/00 (2006.01) H01L 31/042 (2006.01)**

[25] EN

[54] **MULTI-LAYER WATER-SPLITTING DEVICES**

[54] **DISPOSITIFS MULTICOUCHES DE CRAQUAGE DE L'EAU**

[72] SWIEGERS, GERHARD FREDERICK, AU

[72] OFFICER, DAVID LESLIE, AU

[72] WALLACE, GORDON GEORGE, AU

[71] UNIVERSITY OF WOLLONGONG, AU

[85] 2013-05-27

[86] 2011-12-09 (PCT/AU2011/001603)

[87] (WO2012/075546)

[30] AU (2010905437) 2010-12-10

[21] **2,819,062**  
[13] A1

[51] **Int.Cl. B60N 2/46 (2006.01) A47C 7/54 (2006.01)**

[25] EN

[54] **FULL MEMORY ARMREST ASSEMBLY**

[54] **ENSEMBLE ACCOUDOIR A MEMOIRE COMPLETE**

[72] TAME, OMAR D., US

[72] WEI, XIAO JUN, US

[71] MAGNA SEATING INC., CA

[85] 2013-05-27

[86] 2010-12-07 (PCT/CA2010/001945)

[87] (WO2012/075558)

[21] **2,819,063**  
[13] A1

[51] **Int.Cl. B60N 2/07 (2006.01) B60N 2/44 (2006.01)**

[25] EN

[54] **FULL MEMORY SEAT TRACK MECHANISM**

[54] **MECANISME DE RAIL DE SIEGES A MEMOIRE TOTALE**

[72] GUPTA, AMEYA, US

[72] TAME, OMAR D., US

[72] AKTAS, MACIT, CA

[72] CARROLL, JEFFREY P., US

[71] MAGNA SEATING INC., CA

[85] 2013-05-27

[86] 2011-12-05 (PCT/CA2011/001328)

[87] (WO2012/071659)

[30] US (61/458,898) 2010-12-03

[21] **2,819,065**  
[13] A1

[51] **Int.Cl. B01J 19/12 (2006.01) C02F 1/30 (2006.01)**

[25] EN

[54] **RADIATION SOURCE MODULE AND FLUID TREATMENT SYSTEM**

[54] **MODULE SOURCE DE RAYONNEMENT ET SYSTEME DE TRAITEMENT DE FLUIDE**

[72] TRAUBENBERG, GEORGE, CA

[72] PENHALE, DOUGLAS, CA

[71] TROJAN TECHNOLOGIES, CA

[85] 2013-05-27

[86] 2011-12-13 (PCT/CA2011/001350)

[87] (WO2012/079149)

[30] US (61/457,048) 2010-12-16



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[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/20 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CREATING AND MAINTAINING A DATABASE OF DISAMBIGUATED ENTITY MENTIONS AND RELATIONS FROM A CORPUS OF ELECTRONIC DOCUMENTS**  
[54] **SYSTEME ET PROCEDE DE CREATION ET DE MAINTENANCE DE BASE DE DONNEES DE MENTIONS D'ENTITE DESAMBIGUEES ET DE RELATIONS A PARTIR DE CORPUS DE DOCUMENTS ELECTRONIQUES**  
[72] WOYTOWITZ, MICHAEL A., US  
[72] HAWKS, MARSHALL WELLS, US  
[71] COMSORT, INC., US  
[85] 2013-06-10  
[86] 2011-08-10 (PCT/US2011/047311)  
[87] (WO2012/106008)  
[30] US (61/438,222) 2011-01-31  
[30] US (61/487,897) 2011-05-19

[21] **2,819,067**  
[13] A1

[51] **Int.Cl. G06T 7/00 (2006.01) A63B 69/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PERFORMANCE TRAINING**  
[54] **SYSTEMES ET PROCEDES D'APPRENTISSAGE DE PERFORMANCES**  
[72] STEPHENSON, VINCENT NED, US  
[71] MOVEMENT TRAINING SYSTEMS LLC, US  
[85] 2013-06-07  
[86] 2011-12-07 (PCT/US2011/063801)  
[87] (WO2012/078795)  
[30] US (61/420,524) 2010-12-07

[21] **2,819,068**  
[13] A1

[51] **Int.Cl. H01H 71/50 (2006.01) H01H 1/52 (2006.01)**  
[25] EN  
[54] **LATCHING DEVICE FOR A CIRCUIT BREAKER**  
[54] **DISPOSITIF DE VERROUILLAGE POUR COUPE-CIRCUIT**  
[72] HEINS, VOLKER, DE  
[72] KOCH, DETLEF, DE  
[72] FLEITMANN, GREGOR, DE  
[72] MADER, HANS-JURGEN, DE  
[72] KUTSCHE, WOLFGANG, DE  
[71] EATON ELECTRICAL IP GMBH & CO. KG, DE  
[85] 2013-05-27  
[86] 2011-11-29 (PCT/EP2011/071317)  
[87] (WO2012/072647)  
[30] EP (10193011.3) 2010-11-29

[21] **2,819,069**  
[13] A1

[51] **Int.Cl. A01N 65/00 (2009.01) A01N 65/22 (2009.01) A01N 65/24 (2009.01) A01N 65/28 (2009.01) A01N 65/34 (2009.01) A01N 65/36 (2009.01) A01N 65/40 (2009.01) A01N 65/48 (2009.01) A01N 25/04 (2006.01) A23L 3/3472 (2006.01)**  
[25] EN  
[54] **DELIVERY CARRIER FOR ANTIMICROBIAL ESSENTIAL OILS**  
[54] **SUPPORT DE DELIVRANCE POUR DES HUILES ESSENTIELLES ANTIMICROBIENNES**  
[72] GEHIN-DELVAL, CECILE, FR  
[72] APPOLONIA NOUZILLE, CORINNE, CH  
[72] NG, SEOW LENG, SG  
[71] NESTEC S.A., CH  
[85] 2013-05-17  
[86] 2011-11-24 (PCT/EP2011/070941)  
[87] (WO2012/072488)  
[30] EP (10193722.5) 2010-12-03

[21] **2,819,070**  
[13] A1

[51] **Int.Cl. C07K 16/10 (2006.01)**  
[25] EN  
[54] **MEANS AND METHODS FOR PRODUCING HIGH AFFINITY ANTIBODIES**  
[54] **DISPOSITIFS ET PROCEDE DE PRODUCTION D'ANTICORPS A HAUTE AFFINITE**  
[72] BEAUMONT, TIM, NL  
[72] KWAKKENBOS, MARK JEROEN, NL  
[72] SPITS, HERGEN, NL  
[72] BAKKER, ADRIANUS QUIRINUS, NL  
[72] WAGNER, KOEN, NL  
[71] AIMM THERAPEUTICS B.V., NL  
[85] 2013-05-27  
[86] 2011-12-02 (PCT/EP2011/071676)  
[87] (WO2012/072814)  
[30] EP (10193562.5) 2010-12-02  
[30] US (61/419,909) 2010-12-06

[21] **2,819,071**  
[13] A1

[51] **Int.Cl. C12N 9/10 (2006.01) C12N 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/80 (2006.01) C12P 21/00 (2006.01)**  
[25] EN  
[54] **FUSION ENZYMES**  
[54] **ENZYMES DE FUSION**  
[72] NATUNEN, JARI, FI  
[72] KANERVA, ANNE, FI  
[72] HILTUNEN, JUKKA, FI  
[72] SALOHEIMO, MARKKU, FI  
[72] VISKARI, HELI, FI  
[72] HUUSKONEN, ANNE, FI  
[71] NOVARTIS INTERNATIONAL PHARMACEUTICAL LTD., BM  
[71] GLYKOS FINLAND OY, FI  
[85] 2013-05-17  
[86] 2011-11-24 (PCT/EP2011/070956)  
[87] (WO2012/069593)  
[30] US (61/417,144) 2010-11-24

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[13] A1

[51] **Int.Cl. A01D 41/14 (2006.01)**  
[25] EN  
[54] **HARVESTING ATTACHMENT FOR A HARVESTER**  
[54] **ELEMENT DE FIXATION DE RECOLTE POUR UNE BATTEUSE**  
[72] SCHRATTENECKER, FRANZ, AT  
[71] CNH BELGIUM N.V., BE  
[71] BISO SCHRATTENECKER GMBH, AT  
[85] 2013-05-17  
[86] 2011-11-28 (PCT/EP2011/071095)  
[87] (WO2012/072525)  
[30] DE (10 2010 052 816.1) 2010-11-29

[21] **2,819,074**  
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/48 (2006.01) B01D 53/72 (2006.01)**  
[25] EN  
[54] **PROCESS FOR REMOVING MERCAPTANS FROM A GAS STREAM**  
[54] **PROCEDE D'ELIMINATION DE MERCAPTANS D'UN FLUX GAZEUX**  
[72] SMITS, JOZEF JACOBUS TITUS, NL  
[72] WADMAN, SIPKE HIDDE, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2013-05-17  
[86] 2011-11-30 (PCT/EP2011/071365)  
[87] (WO2012/076378)  
[30] EP (10193844.7) 2010-12-06

[21] **2,819,075**  
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/48 (2006.01) B01D 53/72 (2006.01)**  
[25] EN  
[54] **PROCESS FOR REMOVING MERCAPTANS FROM A GAS STREAM**  
[54] **PROCEDE D'ELIMINATION DE MERCAPTANS D'UN FLUX GAZEUX**  
[72] SMITS, JOZEF JACOBUS TITUS, NL  
[72] WADMAN, SIPKE HIDDE, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2013-05-17  
[86] 2011-12-06 (PCT/EP2011/071869)  
[87] (WO2012/076502)  
[30] EP (10193850.4) 2010-12-06

[21] **2,819,076**  
[13] A1

[51] **Int.Cl. C08G 18/08 (2006.01) A43B 13/32 (2006.01) C08G 18/12 (2006.01) C08G 18/67 (2006.01) C08G 18/72 (2006.01) C08G 18/75 (2006.01) C08J 5/12 (2006.01) C09J 175/16 (2006.01)**  
[25] EN  
[54] **USE OF AQUEOUS DISPERSIONS AS PRIMERS**  
[54] **UTILISATION DE DISPERSIONS AQUEUSES EN TANT QU'AMORCES**  
[72] ARNDT, WOLFGANG, DE  
[72] LUHMANN, ERHARD, DE  
[72] SOMMER, STEFAN, DE  
[72] WEIKARD, JAN, DE  
[72] BAI, LUCY, CN  
[72] SUM, JANE, CN  
[72] ZHAO, HENRY, CN  
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE  
[85] 2013-05-24  
[86] 2011-11-21 (PCT/EP2011/070557)  
[87] (WO2012/069412)  
[30] CN (PCT/CN2010/001898) 2010-11-26  
[30] EP (11157800.1) 2011-03-11

[21] **2,819,080**  
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01)**  
[25] EN  
[54] **AGTRI AS A MARKER FOR BEVACIZUMAB COMBINATION THERAPIES**  
[54] **AGTRI EN TANT QUE MARQUEUR POUR POLY THERAPIES A BASE DE BEVACIZUMAB**  
[72] DE LA HABA-RODRIGUEZ, JUAN, ES  
[72] SANCHEZ-ROVIRA, PEDRO, ES  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2013-05-27  
[86] 2011-12-07 (PCT/EP2011/072026)  
[87] (WO2012/076582)  
[30] EP (10382332.4) 2010-12-09  
[30] EP (10194391.8) 2010-12-09

[21] **2,819,081**  
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01)**  
[25] EN  
[54] **PROCESS FOR REMOVING CARBON DIOXIDE FROM A GAS STREAM**  
[54] **PROCEDE D'ELIMINATION DU DIOXYDE DE CARBONE CONTENU DANS UN FLUX GAZEUX**  
[72] GEUZEBROEK, FRANK HAIKO, NL  
[72] KONIJN, GERRIT, NL  
[72] ZHANG, XIAOHUI, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2013-05-17  
[86] 2011-12-07 (PCT/EP2011/072062)  
[87] (WO2012/076597)  
[30] EP (10194082.3) 2010-12-08

[21] **2,819,083**  
[13] A1

[51] **Int.Cl. F16B 39/30 (2006.01)**  
[25] EN  
[54] **SELF-LOCKING SCREW**  
[54] **FILETAGE AUTOBLOQUANT**  
[72] ESPER, STEPHAN, DE  
[71] RUIA GLOBAL FASTENERS AG, DE  
[85] 2013-06-21  
[86] 2011-11-24 (PCT/DE2011/050049)  
[87] (WO2012/079569)  
[30] DE (20 2010 015 839.7) 2010-11-26

[21] **2,819,084**  
[13] A1

[51] **Int.Cl. C12M 1/26 (2006.01) B01L 3/00 (2006.01) G01N 35/10 (2006.01)**  
[25] EN  
[54] **MICROPLATE SAMPLING ADAPTER**  
[54] **ADAPTATEUR D'ECHANTILLON POUR MICROPLAQUES**  
[72] JOHANSEN, ANNETTE HELLE, DK  
[72] ROTHE, JACOB, DK  
[72] TSUTSUMI, NORIKO, JP  
[72] MATSUI, TOMOKO, JP  
[71] NOVOZYMES A/S, DK  
[85] 2013-05-27  
[86] 2011-12-08 (PCT/EP2011/072156)  
[87] (WO2012/076636)  
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[13] A1

[51] **Int.Cl. A61K 31/4439 (2006.01) A61P 25/28 (2006.01) C07D 401/04 (2006.01)**

[25] EN

[54] **CARBOXAMIDE COMPOUNDS AND THEIR USE AS CALPAIN INHIBITORS V**

[54] **COMPOSES DE CARBOXAMIDE ET LEUR UTILISATION COMME INHIBITEURS V DE LA CALPAINE**

[72] KLING, ANDREAS, DE

[72] JANTOS, KATJA, DE

[72] MACK, HELMUT, DE

[72] MOLLER, ACHIM, DE

[72] HORNBERGER, WILFRIED, DE

[72] LAO, YANBIN, US

[72] BACKFISCH, GISELA, DE

[72] NIJSEN, MARJOLEEN, US

[71] ABBVIE DEUTSCHLAND GMBH & CO. KG, DD

[71] ABBVIE INC., US

[85] 2013-05-27

[86] 2011-12-08 (PCT/EP2011/072164)

[87] (WO2012/076639)

[30] US (61/421,323) 2010-12-09

[21] **2,819,088**  
[13] A1

[51] **Int.Cl. C07C 269/06 (2006.01) C07B 59/00 (2006.01) C07C 303/28 (2006.01) C07C 309/65 (2006.01) C07C 309/73 (2006.01)**

[25] EN

[54] **PROCESS SIMPLIFICATION FOR PRECURSOR COMPOUND**

[54] **SIMPLIFICATION DE PROCEDE POUR COMPOSE PRECURSEUR**

[72] BERG, TOM CHRISTIAN, NO

[71] GE HEALTHCARE LIMITED, GB

[85] 2013-05-27

[86] 2011-12-19 (PCT/EP2011/073204)

[87] (WO2012/084794)

[30] GB (1021523.4) 2010-12-20

[30] US (61/424,693) 2010-12-20

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[13] A1

[51] **Int.Cl. B65D 81/38 (2006.01) A01G 13/00 (2006.01) B65D 85/52 (2006.01)**

[25] EN

[54] **PROTECTIVE BAG**

[54] **SAC DE PROTECTION**

[72] MAKELA, JARI, FI

[71] EVERE OY, FI

[85] 2013-05-27

[86] 2010-11-29 (PCT/FI2010/050972)

[87] (WO2011/064457)

[30] FI (U20090432) 2009-11-30

[21] **2,819,090**  
[13] A1

[51] **Int.Cl. G01V 1/20 (2006.01)**

[25] EN

[54] **SEISMIC SURVEYING USING FIBER OPTIC TECHNOLOGY**

[54] **ETUDE SISMIQUE UTILISANT UNE TECHNOLOGIE A FIBRES OPTIQUES**

[72] MCEWEN-KING, MAGNUS, GB

[72] HILL, DAVID JOHN, GB

[71] OPTASENSE HOLDINGS LIMITED, GB

[85] 2013-05-27

[86] 2011-11-29 (PCT/GB2011/001656)

[87] (WO2012/072973)

[30] GB (1020359.4) 2010-12-01

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[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01)**

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[54] **FRACTURE CHARACTERISATION**

[54] **CARACTERISATION DE FRACTURES**

[72] MCEWEN-KING, MAGNUS, GB

[72] HILL, DAVID JOHN, GB

[71] OPTASENSE HOLDINGS LIMITED, GB

[85] 2013-05-27

[86] 2011-11-30 (PCT/GB2011/001666)

[87] (WO2012/072981)

[30] GB (1020358.6) 2010-12-01

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[13] A1

[51] **Int.Cl. C04B 28/06 (2006.01) C04B 28/14 (2006.01)**

[25] EN

[54] **IMPROVEMENTS IN OR RELATING TO CEMENTITIOUS COMPOSITIONS**

[54] **AMELIORATIONS DANS OU RELATIVES A DES COMPOSITIONS CIMENTAIRES**

[72] MILLS, PETER SHELLEY, US

[72] ROBL, THOMAS L., US

[72] RATHBONE, ROBERT F., US

[72] JEWELL, ROBERT BENJAMIN, US

[71] MINOVA INTERNATIONAL LIMITED, GB

[85] 2013-05-27

[86] 2011-12-07 (PCT/GB2011/052417)

[87] (WO2012/076880)

[30] US (12/963,179) 2010-12-08

[30] GB (1101327.3) 2011-01-26

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[13] A1

[51] **Int.Cl. B23K 26/32 (2006.01)**

[25] EN

[54] **LASER BEAM WELDING**

[54] **SOUDAGE PAR FAISCEAU LASER**

[72] GU, HONGPING, CA

[72] SHULKIN, BORIS, US

[72] YIN, GUOBIN, CA

[71] MAGNA INTERNATIONAL INC., CA

[85] 2013-05-27

[86] 2011-12-19 (PCT/CA2011/001390)

[87] (WO2012/079163)

[30] US (61/424,327) 2010-12-17

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[13] A1

[51] **Int.Cl. B29C 67/00 (2006.01) B21K 5/04 (2006.01)**

[25] EN

[54] **3D-PRINTED BODIES FOR MOLDING DOWNHOLE EQUIPMENT**

[54] **CORPS IMPRIMES EN 3D POUR MOULAGE D'EQUIPEMENT DE FOND**

[72] ATKINS, WILLIAM BRIAN, US

[72] WEAVER, GARY EUGENE, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-05-27

[86] 2011-11-25 (PCT/IB2011/002815)

[87] (WO2012/073089)

[30] GB (1020232.3) 2010-11-29

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[51] **Int.Cl. B22F 3/00 (2006.01) B22F 3/105 (2006.01) B29C 67/00 (2006.01)**  
[25] EN  
[54] **FORMING OBJECTS BY INFILTRATING A PRINTED MATRIX**  
[54] **FORMATION D'OBJETS PAR INFILTRATION D'UNE MATRICE IMPRIMEE**  
[72] ATKINS, WILLIAM BRIAN, US  
[72] WEAVER, GARY EUGENE, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2013-05-27  
[86] 2011-11-28 (PCT/IB2011/002885)  
[87] (WO2012/073099)  
[30] GB (1020233.1) 2010-11-29

[21] **2,819,098**  
[13] A1

[51] **Int.Cl. E21B 10/00 (2006.01) B22C 9/22 (2006.01)**  
[25] EN  
[54] **MOLD ASSEMBLIES INCLUDING A MOLD INSERTABLE IN A CONTAINER**  
[54] **ENSEMBLES MOULES COMPRENANT UN MOULE INSERABLE DANS UN CONTENANT**  
[72] ATKINS, WILLIAM BRIAN, US  
[72] WEAVER, GARY EUGENE, US  
[72] KELLER, CHRISTOPHER, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2013-05-27  
[86] 2011-11-28 (PCT/IB2011/002891)  
[87] (WO2012/073102)  
[30] GB (1020234.9) 2010-11-29

[21] **2,819,099**  
[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01)**  
[25] EN  
[54] **IMPROVED ENCODED MACROCARRIERS, ASSAY SYSTEM USING THEM AND METHOD FOR PERFORMING AN ASSAY**  
[54] **MICROSUPPORTS CODES AMELIORES, SYSTEME DE DOSAGE LES UTILISANT ET PROCEDE POUR LA REALISATION D'UN DOSAGE**  
[72] DEMIERRE, NICOLAS, CH  
[71] BIOCARTIS SA, CH  
[85] 2013-05-27  
[86] 2012-02-06 (PCT/CH2012/000032)  
[87] (WO2012/106827)  
[30] EP (11000970.1) 2011-02-07

[21] **2,819,100**  
[13] A1

[51] **Int.Cl. B62B 13/04 (2006.01) B62B 17/04 (2006.01)**  
[25] EN  
[54] **CHASSIS FOR A SLEDGE**  
[54] **CHASSIS POUR TRAINEAU**  
[72] BJORGVIK, KARL JOHAN, NO  
[71] KARL JOHAN BJORGVIK BJOR-KA FRITID, NO  
[85] 2013-05-27  
[86] 2011-11-04 (PCT/NO2011/000311)  
[87] (WO2012/087147)  
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[21] **2,819,101**  
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01)**  
[25] EN  
[54] **INHALERS AND HOUSING CAPS FOR INHALERS**  
[54] **INHALATEURS ET CAPUCHONS POUR BOITIERS D'INHALATEURS**  
[72] ZUYDERHOUDT, KRIJN FRANCISCUS MARIE, NL  
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL  
[85] 2013-05-27  
[86] 2011-11-30 (PCT/EP2011/006000)  
[87] (WO2012/072249)  
[30] US (61/418,083) 2010-11-30

[21] **2,819,102**  
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/437 (2006.01) A61P 25/00 (2006.01)**  
[25] EN  
[54] **KAT II INHIBITORS**  
[54] **INHIBITEUR DE KAT II**  
[72] DOUNAY, AMY BETH, US  
[72] MCALLISTER, LAURA ANN, US  
[72] PARIKH, VINOD D., US  
[72] RONG, SUOBAO, US  
[72] VERHOEST, PATRICK ROBERT, US  
[71] PFIZER INC., US  
[85] 2013-05-27  
[86] 2011-11-17 (PCT/IB2011/055158)  
[87] (WO2012/073143)  
[30] US (61/418,802) 2010-12-01

[21] **2,819,103**  
[13] A1

[51] **Int.Cl. C25B 9/00 (2006.01) C25B 11/03 (2006.01) C25B 13/02 (2006.01)**  
[25] EN  
[54] **ELECTROLYSIS METHOD AND ELECTROLYTIC CELLS**  
[54] **PROCEDE D'ELECTROLYSE ET CELLULES D'ELECTROLYSE**  
[72] RAATSCHEN, WILLIGERT, DE  
[72] LUCAS, JOACHIM, DE  
[72] JEHLE, WALTER, DE  
[72] FUNKE, HELMUT, DE  
[71] ASTRUM GMBH, DE  
[85] 2013-05-27  
[86] 2011-12-06 (PCT/EP2011/006089)  
[87] (WO2012/076147)  
[30] EP (10015427.7) 2010-12-08

[21] **2,819,104**  
[13] A1

[51] **Int.Cl. F02M 25/07 (2006.01)**  
[25] EN  
[54] **CARTRIDGE EGR VALVE ASSEMBLY**  
[54] **CARTOUCHE POUR ENSEMBLE VANNE EGR**  
[72] SPONSKY, JOHN, US  
[72] LOWE, JOHN, US  
[71] MACK TRUCKS, INC., US  
[85] 2013-05-27  
[86] 2010-12-20 (PCT/US2010/061232)  
[87] (WO2012/087271)

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[13] A1

[51] **Int.Cl. H02P 6/08 (2006.01)**  
[25] EN  
[54] **CONVERTING SUB-CIRCUIT BOARD OF INTERFACE SIGNALS OF ELECTRONICALLY COMMUTATED MOTOR**

[54] **CARTE DE SOUS-CIRCUITS DE CONVERSION DE SIGNAUX D'INTERFACE D'UN MOTEUR A COMMUTATION ELECTRONIQUE**

[72] ZHAO, YONG, CN  
[71] ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURE CO., LTD, CN  
[85] 2013-05-22  
[86] 2011-04-20 (PCT/CN2011/073066)  
[87] (WO2012/142755)

[21] **2,819,106**  
[13] A1

[51] **Int.Cl. C07D 215/58 (2006.01) A61K 31/4704 (2006.01) A61P 25/28 (2006.01)**

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[54] **KAT II INHIBITORS**  
[54] **INHIBITEURS DE KAT II**

[72] DOUNAY, AMY BETH, US  
[72] HELAL, CHRISTOPHER JOHN, US  
[72] TUTTLE, JAMISON BRYCE, US  
[72] VERHOEST, PATRICK ROBERT, US  
[71] PFIZER INC., US  
[85] 2013-05-27  
[86] 2011-11-18 (PCT/IB2011/055190)  
[87] (WO2012/073146)  
[30] US (61/418,791) 2010-12-01  
[30] US (61/419,232) 2010-12-02

[21] **2,819,108**  
[13] A1

[51] **Int.Cl. A61K 9/22 (2006.01) A61K 9/24 (2006.01) A61K 31/702 (2006.01) A61P 7/02 (2006.01)**

[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS OF SELECTIVE FACTOR XA INHIBITORS FOR ORAL ADMINISTRATION**

[54] **COMPOSITIONS PHARMACEUTIQUES D'INHIBITEURS SELECTIFS DU FACTEUR XA POUR UNE ADMINISTRATION ORALE**

[72] LEONARD, THOMAS W., US  
[72] COUGHLAN, DAVID C., IE  
[72] CULLEN, ALAN, IE  
[71] MERRION RESEARCH III LIMITED, IE  
[85] 2013-05-27  
[86] 2011-09-23 (PCT/US2011/052963)  
[87] (WO2012/082209)  
[30] US (61/423,261) 2010-12-15

[21] **2,819,109**  
[13] A1

[51] **Int.Cl. C07C 37/16 (2006.01) B01J 29/06 (2006.01) B01J 31/08 (2006.01) C07C 39/11 (2006.01)**

[25] EN  
[54] **SKEWED AND MIDDLE ATTACHED LINEAR CHAIN ALKYLPHENOL AND METHOD OF MAKING THE SAME**

[54] **ALKYLPHENOL A CHAINE LINEAIRE ASYMETRIQUE FIXEE EN POSITION CENTRALE ET SON PROCEDE DE PREPARATION**

[72] CAMPBELL, CURTIS BAY, US  
[72] MAHIEUX, CEDRICK, US  
[71] CHEVRON ORONITE COMPANY LLC, US  
[85] 2013-05-27  
[86] 2011-10-04 (PCT/US2011/054720)  
[87] (WO2012/078240)  
[30] US (12/965,595) 2010-12-10

[21] **2,819,111**  
[13] A1

[51] **Int.Cl. A61N 5/10 (2006.01)**  
[25] EN  
[54] **ADJUSTING A DOSE DISTRIBUTION SETTING FOR A TECHNICAL DEVICE FOR TUMOUR THERAPY**

[54] **ADAPTATION D'UN AJUSTEMENT DE DISTRIBUTION DE DOSES POUR UN APPAREIL TECHNIQUE DE TRAITEMENT DES TUMEURS**

[72] KUEFER, KARL-HEINZ, DE  
[72] SCHERRER, ALEXANDER, DE  
[72] MONZ, MICHAEL, DE  
[72] SUESS, PHILIPP, DE  
[72] BORTZ, MICHAEL, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2013-05-27  
[86] 2011-11-23 (PCT/IB2011/055249)  
[87] (WO2012/069999)  
[30] DE (10 2010 060 847.5) 2010-11-26  
[30] DE (10 2010 062 079.3) 2010-11-27

[21] **2,819,113**  
[13] A1

[51] **Int.Cl. C11D 1/835 (2006.01) C11D 3/00 (2006.01)**

[25] EN  
[54] **FABRIC CONDITIONERS**  
[54] **CONDITIONNEURS DE TISSU**

[72] CLOWES, ELIZABETH ANN, GB  
[72] DELROISSE, MICHEL GILBERT JOSE, GB  
[72] GREGORY, DENIS JAMES, GB  
[72] HUNTER, ROBERT ALLAN, GB  
[72] JONES, KARL GARETH KEAN, GB  
[72] MERRINGTON, JAMES, GB  
[72] NEWMAN, MARK NICHOLAS, GB  
[72] PERRY, JANETTE, GB  
[72] WALSH, SHAUN CHARLES, GB  
[72] WIGGANS, JENNY, CA  
[71] UNILEVER PLC, GB  
[85] 2013-05-27  
[86] 2011-11-04 (PCT/EP2011/069465)  
[87] (WO2012/072370)  
[30] EP (10193693.8) 2010-12-03

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[13] A1

[51] **Int.Cl. F04B 11/00 (2006.01) F04B 53/06 (2006.01)**  
[25] EN  
[54] **A CHROMATOGRAPHY PUMP**  
[54] **POMPE DE CHROMATOGRAPHIE**  
[72] SALVEN, OWE, SE  
[72] OLOVSSON, BJORN, SE  
[72] LUNDKVIST, MATS, SE  
[72] KRANSE, JAN, SE  
[71] GE HEALTHCARE BIO-SCIENCES AB, SE  
[85] 2013-05-27  
[86] 2011-11-24 (PCT/EP2011/070953)  
[87] (WO2012/072494)  
[30] SE (1051261-4) 2010-11-30

[21] **2,819,115**  
[13] A1

[51] **Int.Cl. C09B 35/021 (2006.01) C09B 35/025 (2006.01) C09B 35/03 (2006.01) D06P 1/39 (2006.01) D06P 3/60 (2006.01) D21H 21/28 (2006.01)**  
[25] EN  
[54] **AZO DYES**  
[54] **COLORANTS AZOIQUES**  
[72] MEIER, HELMUT-MARTIN, DE  
[72] HEIDE, CHRISTOF, DE  
[72] STRUMPF, KLAUS-GUNTER, DE  
[72] HUBBE, THOMAS, DE  
[71] KEMIRA OYJ, FI  
[85] 2013-05-27  
[86] 2011-11-29 (PCT/EP2011/071291)  
[87] (WO2012/072634)  
[30] EP (10193156.6) 2010-11-30  
[30] US (61/482,349) 2011-05-04

[21] **2,819,116**  
[13] A1

[51] **Int.Cl. C09B 31/18 (2006.01) C09B 31/20 (2006.01) C09B 31/28 (2006.01) D21H 21/28 (2006.01)**  
[25] EN  
[54] **AZO DYES**  
[54] **COLORANTS AZOIQUES**  
[72] MEIER, HELMUT-MARTIN, DE  
[72] HEIDE, CHRISTOF, DE  
[72] STRUMPF, KLAUS-GUNTER, DE  
[72] HUBBE, THOMAS, DE  
[71] KEMIRA OYJ, FI  
[85] 2013-05-27  
[86] 2011-11-29 (PCT/EP2011/071292)  
[87] (WO2012/072635)  
[30] EP (10193158.2) 2010-11-30  
[30] US (61/482,352) 2011-05-04

[21] **2,819,117**  
[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 21/00 (2006.01) C07K 14/435 (2006.01) C12N 15/13 (2006.01)**  
[25] EN  
[54] **ANTI-SOD1 ANTIBODIES AND USES THEREOF**  
[54] **ANTICORPS ANTI-SOD1 ET UTILISATIONS DE CEUX-CI**  
[72] AMBROSINO, DONNA, US  
[72] BABCOCK, GREGORY, US  
[72] BROERING, TERESA, US  
[72] XU, ZUOSHANG, US  
[71] UNIVERSITY OF MASSACHUSETTS, US  
[85] 2013-05-27  
[86] 2011-10-25 (PCT/US2011/057699)  
[87] (WO2012/058220)  
[30] US (61/406,831) 2010-10-26

[21] **2,819,118**  
[13] A1

[51] **Int.Cl. C07D 403/12 (2006.01) C07D 239/42 (2006.01)**  
[25] EN  
[54] **A PROCESS FOR THE PREPARATION OF PAZOPANIB USING NOVEL INTERMEDIATE**  
[54] **PROCEDE DE PREPARATION DE PAZOPANIB A L'AIDE D'UN NOUVEL INTERMEDIAIRE**  
[72] PARTHASARADHI REDDY, BANDI, IN  
[72] RATHNAKAR REDDY, KURA, IN  
[72] MURALIDHARA REDDY, DASARI, IN  
[72] SRINIVASA RAO, THUNGATHURTHY, IN  
[72] VAMSI KRISHNA, BANDI, IN  
[71] HETERO RESEARCH FOUNDATION, IN  
[85] 2013-05-27  
[86] 2011-11-11 (PCT/IN2011/000781)  
[87] (WO2012/073254)  
[30] IN (3590/CHE/2010) 2010-11-29

[21] **2,819,120**  
[13] A1

[51] **Int.Cl. A61K 39/085 (2006.01) C07K 16/12 (2006.01)**  
[25] EN  
[54] **STABLE IMMUNOGENIC COMPOSITIONS OF STAPHYLOCOCCUS AUREUS ANTIGENS**  
[54] **COMPOSITIONS IMMUNOGENES STABLES D'ANTIGENES DE STAPHYLOCOCCUS AUREUS**  
[72] KHANDKE, LAKSHMI, US  
[72] NONOYAMA, AKIHISA, US  
[72] HODGE, TAMARA SHAFER, US  
[72] NEMA, SANDEEP, US  
[71] WYETH LLC, US  
[85] 2013-05-27  
[86] 2011-12-21 (PCT/IB2011/055883)  
[87] (WO2012/085872)  
[30] US (61/426,476) 2010-12-22

[21] **2,819,122**  
[13] A1

[51] **Int.Cl. H01B 7/32 (2006.01) G01B 11/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR MEASURING THE LENGTH OF AN ELECTRIC CABLE THAT USES AN OPTICAL FIBRE ELEMENT AS A SENSOR**  
[54] **PROCEDE POUR MESURER LA LONGUEUR D'UN CABLE ELECTRIQUE QUI UTILISE UN ELEMENT DE FIBRE OPTIQUE COMME CAPTEUR**  
[72] KNUEPFER, BERND, IT  
[72] SARCHI, DAVIDE, IT  
[71] PRYSMIAN S.P.A., IT  
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[13] A1

[51] **Int.Cl. F25J 3/02 (2006.01) B01D 5/00 (2006.01)**  
[25] EN  
[54] **PROCESS FOR SEPARATING AND RECOVERING NGLS FROM HYDROCARBON STREAMS**  
[54] **PROCEDE DE SEPARATION ET DE RECUPERATION DE LGN DANS DES COURANTS D'HYDROCARBURES**  
[72] PATEL, KIRTIKUMAR NATUBHAI, US  
[72] PATEL, ROHIT N., GB  
[71] PATEL, KIRTIKUMAR NATUBHAI, US  
[71] PATEL, ROHIT N., GB  
[85] 2013-05-27  
[86] 2011-10-26 (PCT/US2011/057937)  
[87] (WO2012/058342)  
[30] US (61/406,633) 2010-10-26  
[30] US (13/282,407) 2011-10-26

[21] **2,819,124**  
[13] A1

[51] **Int.Cl. C23F 11/00 (2006.01) C23F 11/02 (2006.01)**  
[25] EN  
[54] **AQUEOUS ACID CLEANING, CORROSION AND STAIN INHIBITING COMPOSITIONS IN THE VAPOR PHASE COMPRISING A BLEND OF NITRIC AND SULFURIC ACID**  
[54] **COMPOSITIONS ANTI-CORROSION ET ANTI-TACHES, DE NETTOYAGE A L'ACIDE AQUEUX EN PHASE VAPEUR COMPRENANT UN MELANGE D'ACIDE NITRIQUE ET D'ACIDE SULFURIQUE**  
[72] SCHACHT, PAUL F., US  
[72] SCHMIDT, ERIC V., US  
[71] ECOLAB USA INC., US  
[85] 2013-05-27  
[86] 2012-01-05 (PCT/IB2012/050070)  
[87] (WO2012/093372)  
[30] US (12/984,670) 2011-01-05  
[30] US (13/344,119) 2012-01-05

[21] **2,819,125**  
[13] A1

[51] **Int.Cl. G08G 1/095 (2006.01)**  
[25] EN  
[54] **TRAFFIC SIGNALS AND RELATED METHODS**  
[54] **SIGNAUX DE TRAFIC ET PROCEDES ASSOCIES**  
[72] CUNNINGHAM, THOMAS W., US  
[71] CUNNINGHAM, THOMAS W., US  
[85] 2013-05-27  
[86] 2011-12-05 (PCT/US2011/063280)  
[87] (WO2012/078507)  
[30] US (61/420,117) 2010-12-06

[21] **2,819,126**  
[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01) C12M 1/34 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01)**  
[25] EN  
[54] **SAMPLE METERING DEVICE AND ASSAY DEVICE WITH INTEGRATED SAMPLE DILUTION**  
[54] **DISPOSITIF DOSEUR D'ECHANTILLON ET DISPOSITIF D'ANALYSE COMPORTANT LA DILUTION INTEGREE DE L'ECHANTILLON**  
[72] MILLER, CARY JAMES, CA  
[71] ABBOTT POINT OF CARE INC., US  
[85] 2013-05-27  
[86] 2011-12-01 (PCT/US2011/062843)  
[87] (WO2012/075256)  
[30] US (61/419,489) 2010-12-03

[21] **2,819,127**  
[13] A1

[51] **Int.Cl. C23F 11/00 (2006.01) C23F 11/08 (2006.01)**  
[25] EN  
[54] **ACID CLEANING AND CORROSION INHIBITING COMPOSITIONS COMPRISING A BLEND OF NITRIC AND SULFURIC ACID**  
[54] **COMPOSITIONS ANTI-CORROSION DE NETTOYAGE A L'ACIDE COMPRENANT UN MELANGE D'ACIDE NITRIQUE ET D'ACIDE SULFURIQUE**  
[72] SCHACHT, PAUL F., US  
[72] SCHMIDT, ERIC V., US  
[71] ECOLAB USA INC., US  
[85] 2013-05-27  
[86] 2012-01-05 (PCT/IB2012/050071)  
[87] (WO2012/093373)  
[30] US (12/984,680) 2011-01-05  
[30] US (13/344,141) 2012-01-05

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[13] A1

[51] **Int.Cl. C10L 3/10 (2006.01) C09K 5/00 (2006.01) F25J 3/00 (2006.01)**  
[25] EN  
[54] **NGL RECOVERY FROM NATURAL GAS USING A MIXED REFRIGERANT**  
[54] **RECUPERATION DE NGL A PARTIR DE GAZ NATUREL A L'AIDE D'UN MELANGE DE REFRIGERANTS**  
[72] CURRENCE, KEVIN L., US  
[72] MORTKO, ROBERT A., US  
[71] BLACK & VEATCH CORPORATION, US  
[85] 2013-05-27  
[86] 2011-12-01 (PCT/US2011/062861)  
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[13] A1  
[51] **Int.Cl. B01J 19/26 (2006.01) B01D 3/00 (2006.01) B01J 4/00 (2006.01)**  
[25] EN  
[54] **APPARATUS, PROCESS AND SYSTEM FOR DELIVERING FLUID TO A DISTILLATION COLUMN OR REACTOR**  
[54] **APPAREIL, PROCEDE ET SYSTEME DE DISTRIBUTION DE FLUIDE VERS UNE COLONNE OU UN REACTEUR DE DISTILLATION**  
[72] NELSON, ALPHONZO GEORGE, US  
[72] JACKOWSKI, LES, US  
[71] CHEVRON U.S.A. INC., US  
[85] 2013-05-27  
[86] 2011-11-02 (PCT/US2011/058901)  
[87] (WO2012/082247)  
[30] US (12/967,948) 2010-12-14

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[13] A1  
[51] **Int.Cl. A61K 31/436 (2006.01) A61K 31/44 (2006.01) A61P 1/16 (2006.01) A61P 9/00 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR MOBILIZING STEM CELLS**  
[54] **COMPOSITIONS ET PROCEDES POUR LA MOBILISATION DE CELLULES SOUCHES**  
[72] SUN, ZHAOLI, US  
[72] OKABAYASHI, TAKEHIRO, US  
[71] THE JOHNS HOPKINS UNIVERSITY, US  
[85] 2013-05-27  
[86] 2011-12-07 (PCT/US2011/063727)  
[87] (WO2012/078746)  
[30] US (61/420,351) 2010-12-07

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[13] A1  
[51] **Int.Cl. A61J 1/03 (2006.01)**  
[25] EN  
[54] **METHODS, SYSTEMS AND APPARATUSES FOR MANAGEMENT AND STORAGE**  
[54] **PROCEDES, SYSTEMES ET APPAREILS DE GESTION ET DE STOCKAGE**  
[72] ADLER, DEBORAH, US  
[72] SAWYER, DUANE, US  
[72] WOLF, MICHAEL, US  
[72] STEWART, JOSHUA, US  
[72] HUANG, YAYUN, US  
[71] DEBORAH ADLER LLC, US  
[85] 2013-05-27  
[86] 2011-12-08 (PCT/US2011/063900)  
[87] (WO2012/078840)  
[30] US (61/422,008) 2010-12-10

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[13] A1  
[51] **Int.Cl. G05F 1/00 (2006.01)**  
[25] EN  
[54] **LED NIGHT LIGHT/LED EMERGENCY LIGHT**  
[54] **VEILLEUSE A DEL/ECLAIRAGE DE SECURITE A DEL**  
[72] LESHNIAK, ITAI, US  
[71] AMERLUX, LLC, US  
[85] 2013-05-27  
[86] 2011-11-08 (PCT/US2011/059682)  
[87] (WO2012/064685)  
[30] US (61/410,977) 2010-11-08  
[30] US (13/038,224) 2011-03-01

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[13] A1  
[51] **Int.Cl. H04N 7/32 (2006.01)**  
[25] EN  
[54] **MOVING PICTURE DECODING METHOD, MOVING PICTURE CODING METHOD, MOVING PICTURE DECODING APPARATUS, AND MOVING PICTURE CODING AND DECODING APPARATUS**  
[54] **PROCEDE DE DECODAGE DE VIDEO ANIMEE, PROCEDE DE CODAGE DE VIDEO ANIMEE, APPAREIL DE DECODAGE DE VIDEO ANIMEE, APPAREIL DE CODAGE DE VIDEO ANIMEE ET APPAREIL DE CODAGE/DECODAGE DE VIDEO ANIMEE**  
[72] WAHADANIAH, VIKTOR, SG  
[72] LIM, CHONG SOON, SG  
[72] NAING, SUE MON THET, SG  
[72] JING, XUAN, SG  
[72] SASAI, HISAO, JP  
[72] NISHI, TAKAHIRO, JP  
[72] SHIBAHARA, YOUJI, JP  
[72] SUGIO, TOSHIYASU, JP  
[71] PANASONIC CORPORATION, JP  
[85] 2013-05-27  
[86] 2011-12-28 (PCT/JP2011/007341)  
[87] (WO2012/090501)  
[30] US (61/427,523) 2010-12-28

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[13] A1  
[51] **Int.Cl. G01R 31/02 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR SENSING GROUND LEAKAGE AND AUTOMATED SELF TESTING THEREOF**  
[54] **PROCEDES ET APPAREIL DE DETECTION DE PERTE A LA TERRE ET AUTO-ESSAI AUTOMATISE ASSOCIE**  
[72] SUCHOFF, MICHAEL, US  
[71] RARITAN AMERICAS, INC., US  
[85] 2013-05-27  
[86] 2011-12-09 (PCT/US2011/064106)  
[87] (WO2012/078958)  
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[13] A1

[51] **Int.Cl. B60G 21/05 (2006.01)**  
[25] EN  
[54] **SECTIONAL OPTIMIZED TWIST BEAM**  
[54] **POUTRE DE TORSION A SECTION OPTIMISEE**  
[72] LEE, YOUNG, CA  
[71] MULTIMATIC PATENTCO LLC, US  
[85] 2013-05-27  
[86] 2011-11-28 (PCT/IB2011/055351)  
[87] (WO2012/073186)  
[30] US (61/417,876) 2010-11-29

[21] **2,819,136**  
[13] A1

[51] **Int.Cl. G06Q 50/00 (2012.01) G06F 3/048 (2013.01)**  
[25] EN  
[54] **SYSTEMS, DEVICES AND METHODS FOR STREAMING MULTIPLE DIFFERENT MEDIA CONTENT IN A DIGITAL CONTAINER**  
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DESTINES A LA LECTURE EN TRANSIT DE PLUSIEURS CONTENUS MULTIMEDIAS DIFFERENTS DANS UN CONTENANT NUMERIQUE**  
[72] DAY, ALEXANDREA L., US  
[71] DAYSPARK, INC., US  
[85] 2013-05-27  
[86] 2011-12-01 (PCT/US2011/062901)  
[87] (WO2012/075295)  
[30] US (61/572,304) 2010-12-02

[21] **2,819,137**  
[13] A1

[51] **Int.Cl. A01N 33/12 (2006.01) A01N 25/34 (2006.01) A01P 1/00 (2006.01) A61K 9/70 (2006.01) A61K 33/02 (2006.01) A61P 31/04 (2006.01)**  
[25] EN  
[54] **WEAR RESISTANT ANTIMICROBIAL COMPOSITIONS AND METHODS OF USE**  
[54] **COMPOSITIONS ANTIMICROBIENNES RESISTANTES A L'USURE ET PROCEDES D'UTILISATION**  
[72] HERDT, BRANDON, US  
[72] STAUB, RICHARD, US  
[72] TAUER, KEVIN, US  
[72] SMITH, KIM R., US  
[71] ECOLAB USA INC., US  
[85] 2013-05-27  
[86] 2011-12-08 (PCT/IB2011/055555)  
[87] (WO2012/080918)  
[30] US (61/422,908) 2010-12-14

[21] **2,819,138**  
[13] A1

[51] **Int.Cl. H01M 10/39 (2006.01)**  
[25] EN  
[54] **MOLTEN SALT BATTERY**  
[54] **ACCUMULATEUR A SEL FONDU**  
[72] NITTA, KOJI, JP  
[72] INAZAWA, SHINJI, JP  
[72] MAJIMA, MASATOSHI, JP  
[72] YAMAGUCHI, ATSUSHI, JP  
[72] SAKAI, SHOICHIRO, JP  
[72] FUKUNAGA, ATSUSHI, JP  
[72] HAGIWARA, RIKA, JP  
[72] NOHIRA, TOSHIYUKI, JP  
[72] MATSUMOTO, KAZUHIKO, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[71] KYOTO UNIVERSITY, JP  
[85] 2013-05-27  
[86] 2011-11-07 (PCT/JP2011/075619)  
[87] (WO2012/073653)  
[30] JP (2010-267261) 2010-11-30  
[30] JP (2011-192979) 2011-09-05

[21] **2,819,139**  
[13] A1

[51] **Int.Cl. C10G 1/06 (2006.01) C05F 11/08 (2006.01) C12M 1/42 (2006.01) C01B 3/02 (2006.01) C12N 1/12 (2006.01) C12N 1/20 (2006.01)**  
[25] EN  
[54] **INTEGRATED COAL TO LIQUIDS PROCESS AND SYSTEM WITH CO2 MITIGATION USING ALGAL BIOMASS**  
[54] **PROCEDE ET SYSTEME INTEGRES DE TRANSFORMATION DU CHARBON EN LIQUIDES, CARACTERISES PAR UNE ATTENUATION DES IMPACTS DU CO2 ET FAISANT APPEL A UNE BIOMASSE ALGALE**  
[72] FIATO, ROCCO A., US  
[72] BAUMAN, RICHARD F., US  
[72] ZACZEPINSKI, SIOMA, US  
[72] BISIO, ATTILIO, US  
[71] ACCELERGY CORPORATION, US  
[85] 2013-05-27  
[86] 2011-12-12 (PCT/US2011/064431)  
[87] (WO2012/082627)  
[30] US (61/422,645) 2010-12-13

[21] **2,819,140**  
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/22 (2006.01)**  
[25] EN  
[54] **CAPSULE AND METHOD FOR THE PREPARATION OF A BEVERAGE BY CENTRIFUGATION**  
[54] **CAPSULE ET PROCEDE DE PREPARATION D'UNE BOISSON PAR CENTRIFUGATION**  
[72] ABEGGLEN, DANIEL, CH  
[72] GERBAULET, ARNAUD, FR  
[72] TINEMBART, JEAN-FRANCOIS, CH  
[72] PERENTES, ALEXANDRE, CH  
[71] NESTEC S.A., CH  
[85] 2013-05-28  
[86] 2011-11-25 (PCT/EP2011/071020)  
[87] (WO2012/072509)  
[30] EP (10193111.1) 2010-11-30

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[13] A1

[51] **Int.Cl. A23L 1/237 (2006.01) A23L 1/22 (2006.01)**  
[25] EN  
[54] **ORGANIC COMPOUNDS COMPOSES ORGANIQUES**  
[72] HASELEU, GESA, CH  
[72] LUBIAN, ELISABETTA, CH  
[72] RENES, HARRY, NL  
[72] WINKEL, CORNELIS, NL  
[71] GIVAUDAN SA, CH  
[85] 2013-05-28  
[86] 2011-11-30 (PCT/EP2011/071428)  
[87] (WO2012/072701)  
[30] GB (1020255.4) 2010-11-30

[21] **2,819,144**  
[13] A1

[51] **Int.Cl. B32B 18/00 (2006.01) B32B 33/00 (2006.01) B32B 37/15 (2006.01)**  
[25] EN  
[54] **MAKING SEMICONDUCTOR BODIES FROM MOLTEN MATERIAL USING A FREE-STANDING INTERPOSER SHEET**  
[54] **FABRICATION DE CORPS SEMI-CONDUCTEURS A PARTIR D'UN MATERIAU FONDU A L'AIDE D'UNE FEUILLE D'INTERPOSITION AUTONOME**  
[72] JONCZYK, RALF, US  
[72] SACHS, EMANUEL M., US  
[71] 1366 TECHNOLOGIES INC., US  
[85] 2013-05-27  
[86] 2011-12-01 (PCT/US2011/062914)  
[87] (WO2012/075306)  
[30] US (61/418,699) 2010-12-01

[21] **2,819,145**  
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**  
[25] EN  
[54] **AN AEROSOL GENERATING SYSTEM WITH LEAKAGE PREVENTION**  
[54] **SYSTEME GENERANT UN AEROSOL AVEC PREVENTION D'UNE FUITE**  
[72] THORENS, MICHEL, CH  
[72] FLICK, JEAN-MARC, CH  
[72] COCHAND, OLIVIER YVES, CH  
[72] DUBIEF, FLAVIEN, CH  
[71] PHILIP MORRIS PRODUCTS S.A., CH  
[85] 2013-05-28  
[86] 2011-12-01 (PCT/EP2011/071553)  
[87] (WO2012/072762)  
[30] EP (10252050.9) 2010-12-03

[21] **2,819,146**  
[13] A1

[51] **Int.Cl. G06K 7/10 (2006.01)**  
[25] EN  
[54] **USER CONTROL OF THE DISPLAY OF MATRIX CODES**  
[54] **COMMANDE D'UTILISATEUR DE L'AFFICHAGE DE CODES MATRICIELS**  
[72] BEALS, WILLIAM MICHAEL, US  
[72] ZETTEROWER, CHARLIE WILLIAM, US  
[71] ECHOSTAR TECHNOLOGIES L.L.C., US  
[85] 2013-05-27  
[86] 2011-11-10 (PCT/US2011/060098)  
[87] (WO2012/074705)  
[30] US (12/958,073) 2010-12-01

[21] **2,819,147**  
[13] A1

[51] **Int.Cl. B66B 7/08 (2006.01) B66B 19/00 (2006.01)**  
[25] EN  
[54] **SUSPENSION AND TRACTION MEDIA INTERFACE FOR ELEVATORS**  
[54] **INTERFACE ENTRE SUPPORTS DE SUSPENSION ET DE TRACTION POUR ASCENSEURS**  
[72] CERCONE, ALEX, US  
[72] GIRGIS, DANNY, US  
[71] INVENTIO AG, CH  
[85] 2013-05-28  
[86] 2011-12-07 (PCT/EP2011/072085)  
[87] (WO2012/084519)  
[30] US (12/977,915) 2010-12-23

[21] **2,819,148**  
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 3/14 (2006.01) G06F 15/16 (2006.01)**  
[25] EN  
[54] **LOCATION AWARE SPREADSHEET ACTIONS**  
[54] **ACTIONS DE TABLEUR SENSIBLES A LA LOCALISATION**  
[72] CAMPBELL, JOHN, US  
[72] LIN, AMY, US  
[72] WALDMAN, LAWRENCE, US  
[72] DER, SHERMAN, US  
[71] MICROSOFT CORPORATION, US  
[85] 2013-05-27  
[86] 2011-12-02 (PCT/US2011/063099)  
[87] (WO2012/082406)  
[30] US (12/967,972) 2010-12-14

[21] **2,819,149**  
[13] A1

[51] **Int.Cl. B66B 5/18 (2006.01) B66B 5/20 (2006.01)**  
[25] EN  
[54] **ACTUATION OF AN INTERCEPTING APPARATUS**  
[54] **ACTIONNEMENT D'UN PARACHUTE**  
[72] LEGERET, BENOIT, BR  
[72] BIRRER, ERIC, CH  
[72] JUNIG, MARCUS, CH  
[72] ZIMMERLI, PHILIPP, CH  
[71] INVENTIO AG, CH  
[85] 2013-05-28  
[86] 2011-12-09 (PCT/EP2011/072275)  
[87] (WO2012/080104)  
[30] EP (10195791.8) 2010-12-17

[21] **2,819,152**  
[13] A1

[51] **Int.Cl. C07C 2/56 (2006.01) C07C 2/08 (2006.01) C10L 1/04 (2006.01)**  
[25] EN  
[54] **CATALYTIC DECHLORINATION PROCESSES TO UPGRADE FEEDSTOCK CONTAINING CHLORIDE AS FUELS**  
[54] **PROCEDES DE DECHLORATION CATALYTIQUE POUR VALORISER UNE CHARGE D'ALIMENTATION CONTENANT DU CHLORE AFIN D'OBTENIR DES COMBUSTIBLES**  
[72] ZHAN, BI-ZENG, US  
[72] DRIVER, MICHAEL, US  
[72] TIMKEN, HYE KYUNG, US  
[71] CHEVRON U.S.A. INC., US  
[85] 2013-05-27  
[86] 2012-05-04 (PCT/US2012/036465)  
[87] (WO2013/002887)  
[30] US (13/170,948) 2011-06-28

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[25] EN  
[54] **NEPRILYSIN INHIBITORS**  
[54] **INHIBITEURS DE NEPRILYSINE**  
[72] SMITH, CAMERON, US  
[72] FLEURY, MELISSA, US  
[72] GENDRON, ROLAND, US  
[72] HUDSON, RYAN, US  
[72] HUGHES, ADAM D., US  
[71] THERAVANCE, INC., US  
[85] 2013-05-27  
[86] 2011-12-14 (PCT/US2011/064837)  
[87] (WO2012/082857)  
[30] US (61/423,175) 2010-12-15

[21] **2,819,156**  
[13] A1

[51] **Int.Cl. F16L 25/14 (2006.01)**

[25] EN  
[54] **NETWORK INTERFACE DEVICE CONDUIT FITTING**  
[54] **RACCORD DE CONDUIT DE DISPOSITIF D'INTERFACE RESEAU**  
[72] KIMBRELL, EDDIE, US  
[72] LICHOUHAS, TED, US  
[71] AFL TELECOMMUNICATIONS LLC, US  
[85] 2013-05-27  
[86] 2012-07-05 (PCT/US2012/045503)  
[87] (WO2013/006673)  
[30] US (61/504,397) 2011-07-05

[21] **2,819,157**  
[13] A1

[51] **Int.Cl. G01L 1/24 (2006.01)**

[25] EN  
[54] **A STRAIN SENSOR APPARATUS AND METHOD OF STRAIN SENSING**  
[54] **APPAREIL DE CAPTEUR DE DEFORMATION ET PROCEDE DE DETECTION DE DEFORMATION**  
[72] DUTOIT, DANA, US  
[71] OMNISSENS SA, CH  
[85] 2013-05-28  
[86] 2012-01-11 (PCT/EP2012/050346)  
[87] (WO2012/098036)  
[30] CH (00095/11) 2011-01-20

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[13] A1

[51] **Int.Cl. C07D 265/30 (2006.01) A61K 31/5375 (2006.01) A61K 31/5377 (2006.01) A61P 3/10 (2006.01) C07D 413/12 (2006.01)**

[25] EN  
[54] **1,4 OXAZINES AS BACE1 AND/OR BACE2 INHIBITORS**  
[54] **1,4 OXAZINES UTILISES COMME INHIBITEURS DE BACE1 ET/OU BACE2**  
[72] ANDREINI, MATTEO, IT  
[72] GABELLIERI, EMANUELE, IT  
[72] GUBA, WOLFGANG, DE  
[72] HILPERT, HANS, CH  
[72] MAUSER, HARALD, CH  
[72] MAYWEG, ALEXANDER V., CN  
[72] NARQUIZIAN, ROBERT, FR  
[72] POWER, EOIN, IE  
[72] TRAVAGLI, MASSIMILIANO, IT  
[72] WOLTERING, THOMAS, DE  
[72] WOSTL, WOLFGANG, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[71] SIENA BIOTECH S.P.A, IT  
[85] 2013-05-28  
[86] 2012-01-16 (PCT/EP2012/050537)  
[87] (WO2012/098064)  
[30] EP (11151294.3) 2011-01-18

[21] **2,819,159**  
[13] A1

[51] **Int.Cl. G06F 13/42 (2006.01)**

[25] EN  
[54] **FACILITATING TRANSPORT MODE INPUT/OUTPUT OPERATIONS BETWEEN A CHANNEL SUBSYSTEM AND INPUT/OUTPUT DEVICES**  
[54] **OPERATIONS FACILITEES D'ENTREE/SORTIE EN MODE TRANSPORT ENTRE UN SOUS-SYSTEME DE CANAUX ET DES DISPOSITIFS D'ENTREE/SORTIE**  
[72] HATHORN, ROGER, US  
[72] FLANAGAN, JOHN, US  
[72] RICCI, LOUIS WILLIAM, US  
[72] CARLSON, SCOTT, US  
[72] KALOS, MATTHEW JOSEPH, US  
[72] YUDENFRIEND, HARRY, US  
[72] RIEDY, DALE, US  
[72] CASPER, DANIEL FRANCIS, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2013-05-28  
[86] 2012-04-11 (PCT/EP2012/056534)  
[87] (WO2013/000596)  
[30] US (13/173,772) 2011-06-30

[21] **2,819,160**  
[13] A1

[51] **Int.Cl. G06F 13/12 (2006.01)**

[25] EN  
[54] **USING EXTENDED ASYNCHRONOUS DATA MOVER INDIRECT DATA ADDRESS WORDS**  
[54] **UTILISATION DE MOTS D'ADRESSES DE DONNEES INDIRECTES DE DEPLACEUR DE DONNEES ASYNCHRONES ETENDU**  
[72] OAKES, KENNETH JAMES, US  
[72] SUTTON, PETER GRIMM, US  
[72] DRIEVER, PETER DANA, US  
[72] YUDENFRIEND, HARRY, US  
[72] GLASSEN, STEVEN GARDNER, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2013-05-28  
[86] 2012-05-25 (PCT/EP2012/059859)  
[87] (WO2012/168099)  
[30] US (13/157,729) 2011-06-10

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[21] **2,819,161**  
[13] A1

[51] **Int.Cl. G06F 13/12 (2006.01) G06F 13/28 (2006.01)**  
[25] EN  
[54] **DATA RETURNED RESPONSIVE TO EXECUTING A START SUBCHANNEL INSTRUCTION**  
[54] **DONNEES RENVOYEEES EN REPONSE A L'EXECUTION D'UNE INSTRUCTION DE DEMARRAGE DE SOUS-CANAL**  
[72] SZWED, PETER KENNETH, US  
[72] OAKES, KENNETH JAMES, US  
[72] SUTTON, PETER GRIMM, US  
[72] DRIEVER, PETER DANA, US  
[72] YUDENFRIEND, HARRY, US  
[72] GLASSEN, STEVEN GARDNER, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2013-05-28  
[86] 2012-05-25 (PCT/EP2012/059861)  
[87] (WO2012/168100)  
[30] US (13/157,735) 2011-06-10

[21] **2,819,162**  
[13] A1

[51] **Int.Cl. B60R 9/055 (2006.01)**  
[25] EN  
[54] **VEHICLE LOAD CARRIER BOX WITH FLEXIBLE SAFETY MATERIAL**  
[54] **COFFRE DE TOIT POUR VEHICULE MUNI D'UN MATERIAU DE SECURITE FLEXIBLE**  
[72] FRITSCH, GUNTHER, DE  
[72] BLANK, ANDREAS, DE  
[72] EMMERLING, ALEXANDER, DE  
[71] THULE SWEDEN AB, SE  
[85] 2013-05-28  
[86] 2011-12-12 (PCT/EP2011/072442)  
[87] (WO2012/084571)  
[30] EP (10196605.9) 2010-12-22

[21] **2,819,163**  
[13] A1

[51] **Int.Cl. A23L 1/227 (2006.01) A23L 1/39 (2006.01) A23L 1/40 (2006.01)**  
[25] EN  
[54] **CONCENTRATED FLAVOUR BASE PRODUCT**  
[54] **AROME CONCENTRE DE BASE**  
[72] LIAN HWEE PENG, REBECCA, CN  
[72] QIN, LAN, CN  
[72] ULMER, HELGE, SG  
[71] NESTEC S.A., CH  
[85] 2013-05-28  
[86] 2011-12-12 (PCT/EP2011/072462)  
[87] (WO2012/080175)  
[30] CN (201010613489.1) 2010-12-13

[21] **2,819,164**  
[13] A1

[51] **Int.Cl. E21B 47/06 (2012.01)**  
[25] EN  
[54] **METHOD OF DETERMINING RESERVOIR PRESSURE**  
[54] **METHODE DE DETERMINATION DE LA PRESSION D'UN RESERVOIR**  
[72] ADAMS, JOHN R., US  
[72] MOTEALLEH, SIYAVASH, US  
[72] SEBASTIAN, HERBERT M., US  
[72] JIANG, YUANLIN, US  
[72] DOTSON, BRYAN, US  
[71] BP CORPORATION NORTH AMERICA INC., US  
[85] 2013-05-27  
[86] 2011-12-15 (PCT/US2011/065258)  
[87] (WO2012/083068)  
[30] US (61/423,692) 2010-12-16

[21] **2,819,165**  
[13] A1

[51] **Int.Cl. G01V 1/28 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **EXPLOITATION OF SELF-CONSISTENCY AND DIFFERENCES BETWEEN VOLUME IMAGES AND INTERPRETED SPATIAL/VOLUMETRIC CONTEXT**  
[54] **EXPLOITATION D'AUTO-COHERENCE ET DE DIFFERENCES ENTRE DES IMAGES DE VOLUME ET UN CONTEXTE SPATIAL/VOLUMETRIQUE INTERPRETE**  
[72] VU, CUNG KHAC, US  
[72] POSAMENTIER, HENRY W., US  
[72] DISIENA, JAMES P., US  
[72] DYGERT, TODD, US  
[71] CHEVRON U.S.A. INC., US  
[85] 2013-05-27  
[86] 2012-01-27 (PCT/US2012/022971)  
[87] (WO2012/106211)  
[30] US (13/018,094) 2011-01-31  
[30] US (13/018,108) 2011-01-31  
[30] US (13/018,122) 2011-01-31

[21] **2,819,166**  
[13] A1

[51] **Int.Cl. G06T 11/00 (2006.01) G06F 17/40 (2006.01) H04N 5/262 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PROCESSING IMAGES WITH EDGE DETECTION AND SNAP-TO FEATURE**  
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'IMAGES AVEC DETECTION DE BORDS ET CARACTERISTIQUE DE BASCULEMENT RAPIDE**  
[72] ADAMS, STEVE, US  
[72] YANDONG, WANG, US  
[72] GIUFFRIDA, FRANK D., US  
[71] PICTOMETRY INTERNATIONAL CORP., US  
[85] 2013-05-27  
[86] 2011-12-16 (PCT/US2011/065418)  
[87] (WO2012/083135)  
[30] US (12/972,088) 2010-12-17

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[21] **2,819,167**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/48 (2006.01) A61K 38/13 (2006.01) A61K 47/10 (2006.01) A61K 47/14 (2006.01) A61K 47/22 (2006.01) A61K 47/26 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING ALISPORIVIR**

[54] **COMPOSITIONS PHARMACEUTIQUES**

[72] GONCALVES, ELISABETE, CH  
[72] RAPP, KARIN, CH  
[72] SUTTER, BERTRAND, CH  
[72] STOWASSER, FRANK, CH  
[72] TRUPP, BJOERN, CH  
[72] CHABAUT, SEBASTIAN, CH  
[72] THORENS, JULIEN, CH  
[71] NOVARTIS AG, CH  
[71] DEBIOPHARM S.A., CH  
[85] 2013-05-28  
[86] 2011-12-12 (PCT/EP2011/072463)  
[87] (WO2012/080176)  
[30] US (61/422,499) 2010-12-13  
[30] IB (PCT/IB2011/000319) 2011-02-18  
[30] IB (PCT/IB2011/000653) 2011-03-25

[21] **2,819,170**  
[13] A1

[51] **Int.Cl. D01F 1/10 (2006.01) D01D 5/08 (2006.01) D01F 2/00 (2006.01) D06M 11/83 (2006.01)**

[25] EN

[54] **FIBERS WITH IMPROVING ANTI-MICROBIAL PERFORMANCE**

[54] **FIBRES PRESENTANT UNE EFFICACITE ANTIMICROBIENNE AMELIOREE**

[72] FOSS, STEPHEN W., US  
[71] FOSS, STEPHEN W., US  
[85] 2013-05-27  
[86] 2011-12-23 (PCT/US2011/067184)  
[87] (WO2012/088507)  
[30] US (61/426,618) 2010-12-23  
[30] US (13/335,349) 2011-12-22

[21] **2,819,171**  
[13] A1

[51] **Int.Cl. C07D 209/14 (2006.01) A61K 31/4045 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01) C07D 471/04 (2006.01)**

[25] EN

[54] **NEW COMPOUNDS FOR THE TREATMENT OF NEURODEGENERATIVE DISEASES**

[54] **NOUVEAUX COMPOSES POUR LE TRAITEMENT DE MALADIES NEURODEGENERATIVES**

[72] GRIFFIOEN, GERARD, BE  
[72] VAN DOOREN, TOM, BE  
[72] ROJAS DE LA PARRA, VERONICA, BE  
[72] ALLASIA, SARA, BE  
[72] MARCHAND, ARNAUD, BE  
[72] KILONDA, AMURI, BE  
[72] CHALTIN, PATRICK, BE  
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, K.U. LEUVEN R&D, BE  
[71] REMYND, BE  
[85] 2013-05-28  
[86] 2011-12-13 (PCT/EP2011/072568)  
[87] (WO2012/080221)  
[30] GB (1021103.5) 2010-12-13

[21] **2,819,172**  
[13] A1

[51] **Int.Cl. C10G 3/00 (2006.01) B01J 23/08 (2006.01) C07C 1/213 (2006.01) C10G 45/60 (2006.01) C10G 45/64 (2006.01)**

[25] EN

[54] **PRODUCTION OF AROMATICS FROM RENEWABLE RESOURCES**

[54] **PRODUCTION DE PRODUITS AROMATIQUES A PARTIR DE RESSOURCES RENOUEVELABLES**

[72] PRICE, GEOFFREY L., US  
[72] GOODALL, BRIAN L., US  
[72] SAIKOWSKI, DANIEL J., US  
[71] SAPPHIRE ENERGY, INC., US  
[71] UNIVERSITY OF TULSA, US  
[85] 2013-05-27  
[86] 2011-12-27 (PCT/US2011/067444)  
[87] (WO2012/088546)  
[30] US (61/427,160) 2010-12-24

[21] **2,819,174**  
[13] A1

[51] **Int.Cl. C07B 59/00 (2006.01)**

[25] EN

[54] **SOLID PHASE EXTRACTION METHOD**

[54] **PROCEDE D'EXTRACTION EN PHASE SOLIDE**

[72] MANTZILAS, DIMITRIOS, NO  
[72] OLAUSSEN, GRY HELENE, NO  
[72] WICKSTROM, TORILD, NO  
[72] HORN, ERIC, GB  
[72] KHAN, IMTIAZ, GB  
[71] GE HEALTHCARE LIMITED, GB  
[85] 2013-05-28  
[86] 2011-12-14 (PCT/EP2011/072781)  
[87] (WO2012/080349)  
[30] GB (1021263.7) 2010-12-15  
[30] US (61/423,114) 2010-12-15

[21] **2,819,175**  
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5025 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **5,6-DIHYDRO-IMIDAZO[1,2-A]PYRAZIN-8-YLAMINE DERIVATIVES USEFUL AS INHIBITORS OF BETA-SECRETASE (BACE)**

[54] **DERIVES 5,6-DIHYDRO-IMIDAZO[1,2-A]PYRAZIN-8-YLAMINE UTILES EN TANT QU'INHIBITEURS DE BETA SECRETASE (BACE)**

[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES  
[72] DELGADO-JIMENEZ, FRANCISCA, ES  
[72] VEGA RAMIRO, JUAN ANTONIO, ES  
[72] TRESADERN, GARY JOHN, ES  
[72] GIJSEN, HENRICUS JACOBUS MARIA, BE  
[72] OEHLRICH, DANIEL, BE  
[71] JANSSEN PHARMACEUTICA NV, BE  
[85] 2013-05-28  
[86] 2011-12-21 (PCT/EP2011/073522)  
[87] (WO2012/085038)  
[30] EP (10196568.9) 2010-12-22

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[21] **2,819,177**  
[13] A1

[51] **Int.Cl. A47J 19/04 (2006.01)**  
[25] EN  
[54] **HAND HELD MASHER DEVICE**  
[54] **DISPOSITIF BROYEUR A MAIN**  
[72] WILSON, IAN GEOFFREY, AU  
[71] WILSON, IAN GEOFFREY, AU  
[85] 2013-05-28  
[86] 2011-11-29 (PCT/AU2011/001547)  
[87] (WO2012/071608)  
[30] AU (2010246489) 2010-11-29

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[21] **2,819,178**  
[13] A1

[51] **Int.Cl. F04C 2/332 (2006.01) F04C 2/344 (2006.01) F04C 14/24 (2006.01)**  
[25] EN  
[54] **ROTARY PUMP WITH A VANE PROVIDED IN EACH PUMP OUTLET**  
[54] **POMPE ROTATIVE DOTEE D'UN VOLET MOBILE MENAGE DANS CHAQUE SORTIE DE POMPE**  
[72] PATTERSON, ALBERT W., CA  
[71] PATTERSON, ALBERT W., CA  
[85] 2013-05-28  
[86] 2011-11-28 (PCT/CA2011/001305)  
[87] (WO2012/083421)  
[30] US (61/417,637) 2010-11-29

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[21] **2,819,182**  
[13] A1

[51] **Int.Cl. C07K 14/435 (2006.01)**  
[25] EN  
[54] **MODULATION OF ANTIGEN IMMUNOGENICITY BY DELETING EPITOPES RECOGNIZED BY NKT CELLS**  
[54] **MODULATION DE L'IMMUNOGENICITE DES ANTIGENES PAR LA DELETION D'EPITOPES RECONNUS PAR LES CELLULES NKT**  
[72] SAINT-REMY, JEAN-MARIE, BE  
[71] IMNATE SARL, LU  
[85] 2013-05-17  
[86] 2011-11-24 (PCT/EP2011/070911)  
[87] (WO2012/069575)  
[30] EP (10192568.3) 2010-11-25

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[21] **2,819,183**  
[13] A1

[51] **Int.Cl. C08L 77/02 (2006.01) C08K 3/34 (2006.01) C08L 77/06 (2006.01)**  
[25] EN  
[54] **LINER FOR GAS STORAGE TANK**  
[54] **REVETEMENT INTERIEUR POUR RESERVOIR DE STOCKAGE DE GAZ**  
[72] DULLAERT, KONRAAD, NL  
[72] TOMIC, KATARINA, NL  
[71] DSM IP ASSETS B.V., NL  
[85] 2013-05-17  
[86] 2011-12-09 (PCT/EP2011/072282)  
[87] (WO2012/076677)  
[30] EP (10194315.7) 2010-12-09

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[21] **2,819,184**  
[13] A1

[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/50 (2006.01)**  
[25] EN  
[54] **SINGLE-USE SYRINGE**  
[54] **SERINGUE A USAGE UNIQUE**  
[72] GRAMAGE PINA, MA. LOURDES, ES  
[71] GRAMAGE PINA, MA. LOURDES, ES  
[85] 2013-05-17  
[86] 2010-11-18 (PCT/ES2010/000469)  
[87] (WO2012/066151)

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[21] **2,819,188**  
[13] A1

[51] **Int.Cl. B65F 1/06 (2006.01) B65D 25/04 (2006.01) B65F 1/16 (2006.01)**  
[25] EN  
[54] **BAG RETENTION SYSTEM AND FIELD CONFIGURABLE WASTE AND RECYCLING RECEPTACLES AND SYSTEMS EMPLOYING SAME**  
[54] **SYSTEME DE RETENUE DE SAC ET RECEPTACLES DE DECHETS ET DE RECYCLAGE CONFIGURABLES SUR LE TERRAIN ET SYSTEMES LES EMPLOYANT**  
[72] JARRETT, DAVID R., CA  
[72] THRASHER, JEFFREY W., CA  
[72] MUIR, RODERICK D., CA  
[72] MULLINS, TORRIN, CA  
[72] SIROIS, MIKE, CA  
[72] STREETS, PHIL, CA  
[71] MIDPOINT INTERNATIONAL INC., CA  
[85] 2013-05-28  
[86] 2011-12-05 (PCT/CA2011/001330)  
[87] (WO2012/071660)  
[30] US (61/419,479) 2010-12-03

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[21] **2,819,189**  
[13] A1

[51] **Int.Cl. C30B 23/02 (2006.01) H01L 21/20 (2006.01)**  
[25] EN  
[54] **EPITAXIAL DEPOSITION APPARATUS, GAS INJECTORS, AND CHEMICAL VAPOR MANAGEMENT SYSTEM ASSOCIATED THEREWITH**  
[54] **APPAREIL DE DEPOT EPITAXIAL, INJECTEURS DE GAZ ET SYSTEME DE GESTION DES VAPEURS CHIMIQUES ASSOCIE A CES DERNIERS**  
[72] ARES, RICHARD, CA  
[72] ISNARD, LAURENT, CA  
[71] SOCPRA SCIENCES ET GENIE S.E.C., CA  
[85] 2013-05-28  
[86] 2011-11-30 (PCT/CA2011/001331)  
[87] (WO2012/071661)  
[30] US (61/418,104) 2010-11-30

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[21] <b>2,814,829</b> [13] A1	[21] <b>2,816,177</b> [13] A1	[21] <b>2,816,215</b> [13] A1
<p>[51] <b>Int.Cl. H04L 12/26 (2006.01) H04W 12/06 (2009.01) H04W 64/00 (2009.01) H04L 9/32 (2006.01) H04L 12/24 (2006.01) H04L 29/06 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>LOCATION AWARE DATA NETWORK</b></p> <p>[54] <b>RESEAU DE DONNEES INFORMES DE LA LOCALISATION</b></p> <p>[72] ROESE, JOHN J., US</p> <p>[72] GRAHAM, RICHARD W., US</p> <p>[72] GORSKY, JOHN-PAUL, US</p> <p>[72] HARRINGTON, DAVID, US</p> <p>[72] FRATTURA, DAVID, US</p> <p>[72] DURAND, ROGER P., US</p> <p>[72] FEE, BRENDAN J., US</p> <p>[72] ALLEN, ANJA A., US</p> <p>[71] ENTERASYS NETWORKS, INC., US</p> <p>[22] 2003-02-28</p> <p>[41] 2003-09-12</p> <p>[62] 2,477,962</p> <p>[30] US (60/361,419) 2002-03-01</p> <p>[30] US (60/361,421) 2002-03-01</p> <p>[30] US (60/361,420) 2002-03-01</p> <p>[30] US (60/361,380) 2002-03-01</p> <p>[30] US (60/387,331) 2002-06-10</p> <p>[30] US (60/387,330) 2002-06-10</p>	<p>[51] <b>Int.Cl. C12N 15/53 (2006.01) C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 15/82 (2006.01) C12P 7/64 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>NUCLEIC ACID SEQUENCES AND METHODS OF USE FOR THE PRODUCTION OF PLANTS WITH MODIFIED POLYUNSATURATED FATTY ACIDS</b></p> <p>[54] <b>SEQUENCES D'ACIDES NUCLEIQUES ET METHODES D'UTILISATION POUR LA PRODUCTION DE PLANTES AVEC DES ACIDES GRAS POLYINSATURES MODIFIES</b></p> <p>[72] FILLATTI, JOANNE J., US</p> <p>[71] MONSANTO COMPANY, US</p> <p>[22] 2000-08-11</p> <p>[41] 2001-03-01</p> <p>[62] 2,382,693</p> <p>[30] US (60/151,224) 1999-08-26</p> <p>[30] US (60/172,128) 1999-12-17</p>	<p>[51] <b>Int.Cl. B65D 6/34 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>CONTAINER</b></p> <p>[54] <b>RECIPIENT</b></p> <p>[72] HAGLEITNER, HANS GEORG, AT</p> <p>[71] HAGLEITNER, HANS GEORG, AT</p> <p>[22] 2007-12-10</p> <p>[41] 2008-07-31</p> <p>[62] 2,676,460</p> <p>[30] EP (07001378.4) 2007-01-23</p>
	[21] <b>2,816,178</b> [13] A1	[21] <b>2,816,304</b> [13] A1
	<p>[51] <b>Int.Cl. A23D 9/00 (2006.01) A23D 7/00 (2006.01) C11B 1/10 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>VEGETABLE OIL HAVING ELEVATED STEARIC ACID CONTENT</b></p> <p>[54] <b>HUILES VEGETALES RICHES EN ACIDE STEARIQUE</b></p> <p>[72] KODALI, DHARMA R., US</p> <p>[71] CARGILL, INCORPORATED, US</p> <p>[22] 1999-10-01</p> <p>[41] 2000-04-13</p> <p>[62] 2,763,753</p> <p>[30] US (60/102,903) 1998-10-02</p>	<p>[51] <b>Int.Cl. G01D 5/26 (2006.01) G01K 11/32 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>EVANESCENT SENSOR USING A HOLLOW-CORE RING MODE WAVEGUIDE</b></p> <p>[54] <b>CAPTEUR D'ONDE EVANESCENTE UTILISANT UN GUIDE D'ONDE A COEUR CREUX ANNULAIRE</b></p> <p>[72] TAVERNER, DOMINO, US</p> <p>[72] DOWD, EDWARD M., US</p> <p>[71] WEATHERFORD/LAMB, INC., US</p> <p>[22] 2007-10-16</p> <p>[41] 2008-04-23</p> <p>[62] 2,606,662</p> <p>[30] US (11/551,853) 2006-10-23</p>

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[21] **2,816,315**  
[13] A1

[51] **Int.Cl. G06Q 50/24 (2012.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PROVIDING ONLINE MEDICAL RECORDS**  
[54] **PROCEDE ET SYSTEME POUR FOURNIR DES DOSSIERS MEDICAUX EN LIGNE**  
[72] LORSCH, ROBERT H., US  
[71] MYMEDICALRECORDS, INC., US  
[22] 2006-02-10  
[41] 2007-03-22  
[62] 2,615,128  
[30] US (11/225,518) 2005-09-12  
[30] US (11/305,685) 2005-12-16

[21] **2,817,659**  
[13] A1

[51] **Int.Cl. H04W 40/34 (2009.01) H04W 40/24 (2009.01) H04W 48/16 (2009.01)**  
[25] EN  
[54] **ROUTE SELECTION IN WIRELESS NETWORKS**  
[54] **SELECTION DE CHEMIN DANS DES RESEAUX SANS FIL**  
[72] LIU, HANG, US  
[71] THOMSON LICENSING, FR  
[22] 2005-11-09  
[41] 2007-05-18  
[62] 2,627,432

[21] **2,817,820**  
[13] A1

[51] **Int.Cl. F41B 5/14 (2006.01) F41B 5/10 (2006.01) F41B 5/12 (2006.01)**  
[25] EN  
[54] **NARROW CROSSBOW WITH LARGE POWER STROKE**  
[54] **ARBALETE ETROITE COMPORTANT UNE PLUS GRANDE EXTENSION DE CORDE**  
[72] BEDNAR, RICHARD L., US  
[72] SHAFFER, MICHAEL J., US  
[71] HUNTER'S MANUFACTURING COMPANY, INC., D/B/A AS TENPOINT CROSSBOW TECHNOLOGIES, US  
[22] 2007-12-03  
[41] 2008-06-01  
[62] 2,613,385  
[30] US (60/868,157) 2006-12-01  
[30] US (11/948,319) 2007-11-30

[21] **2,817,936**  
[13] A1

[51] **Int.Cl. G09G 3/34 (2006.01) B81B 7/02 (2006.01) F21V 14/08 (2006.01) G02B 26/02 (2006.01) G09F 9/37 (2006.01) G09F 13/34 (2006.01)**  
[25] EN  
[54] **A DISPLAY UTILIZING A CONTROL MATRIX TO CONTROL MOVEMENT OF MEMS-BASED LIGHT MODULATORS**  
[54] **AFFICHAGE UTILISANT UNE MATRICE DE COMMANDE POUR REGULER LE MOUVEMENT DE MODULATEURS DE LUMIERE BASES SUR DES MEM**  
[72] HAGOOD, NESBITT W., US  
[72] MCALLISTER, ABRAHAM, US  
[72] LEWIS, STEPHEN, US  
[72] BARTON, ROGER, US  
[71] PIXTRONIX, INC., US  
[22] 2006-02-23  
[41] 2006-08-31  
[62] 2,599,579  
[30] US (60/655,827) 2005-02-23  
[30] US (60/676,053) 2005-04-29  
[30] US (11/326,696) 2006-01-06  
[30] US (11/326,784) 2006-01-06  
[30] US (11/326,900) 2006-01-06  
[30] US (11/326,962) 2006-01-06

[21] **2,818,399**  
[13] A1

[51] **Int.Cl. C22B 1/11 (2006.01)**  
[25] EN  
[54] **SYSTEM, DEVICE, AND METHOD FOR MIXING LIQUIDS**  
[54] **SYSTEME, DISPOSITIF ET PROCEDE DE MELANGE DE LIQUIDES**  
[72] DEMERS, JASON A., US  
[72] MCGILL, DAVID W., US  
[72] TRACEY, BRIAN, US  
[72] GRAY, LARRY B., US  
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US  
[22] 2004-10-29  
[41] 2005-05-19  
[62] 2,544,274  
[30] US (10/696,969) 2003-10-30  
[30] US (10/696,893) 2003-10-30  
[30] US (10/696,818) 2003-10-30  
[30] US (10/697,176) 2003-10-30  
[30] US (10/696,984) 2003-10-30  
[30] US (10/697,450) 2003-10-30  
[30] US (10/697,862) 2003-10-30  
[30] US (10/696,990) 2003-10-30

[21] **2,818,472**  
[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 11/00 (2006.01)**  
[25] EN  
[54] **OPTIMIZED STARTUP VERIFICATION OF FILE SYSTEM INTEGRITY**  
[54] **VERIFICATION OPTIMISEE AU DEMARRAGE DE L'INTEGRITE DU SYSTEME D'ARCHIVAGE**  
[72] DODGE, DAN, CA  
[71] QNX SOFTWARE SYSTEMS LIMITED, CA  
[22] 2006-06-07  
[41] 2007-01-01  
[62] 2,550,974  
[30] US (11/173798) 2005-07-01

[21] **2,818,526**  
[13] A1

[51] **Int.Cl. B01J 19/08 (2006.01) D21B 1/02 (2006.01)**  
[25] EN  
[54] **PROCESSING BIOMASS AND PETROLEUM CONTAINING MATERIALS**  
[54] **TRAITEMENT DE LA BIOMASSE ET MATERIAUX CONTENANT DU PETROLE**  
[72] MEDOFF, MARSHALL, US  
[71] XYLECO, INC., US  
[22] 2009-04-28  
[41] 2009-11-05  
[62] 2,722,879  
[30] US (61/049,406) 2008-04-30  
[30] US (61/073,665) 2008-06-18  
[30] US (12/417,699) 2009-04-03

[21] **2,818,572**  
[13] A1

[51] **Int.Cl. H04N 7/34 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING CODING UNIT OF PICTURE BOUNDARY**  
[54] **PROCEDE ET APPAREIL DE CODAGE ET DE DECODAGE D'UNITE DE CODAGE DE FRONTIERE D'IMAGE**  
[72] CHEON, MIN-SU, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 2010-10-29  
[41] 2011-05-05  
[62] 2,778,534  
[30] KR (10-2009-0104421) 2009-10-30



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[21] **2,818,661**  
[13] A1

[51] **Int.Cl. C10G 1/00 (2006.01) D21B  
1/02 (2006.01)**

[25] EN

[54] **PROCESSING BIOMASS AND  
PETROLEUM CONTAINING  
MATERIALS**

[54] **TRAITEMENT DE LA BIOMASSE  
ET MATERIAUX CONTENANT DU  
PETROLE**

[72] MEDOFF, MARSHALL, US

[71] XYLECO, INC., US

[22] 2009-04-28

[41] 2009-11-05

[62] 2,722,879

[30] US (61/049,406) 2008-04-30

[30] US (61/073,665) 2008-06-18

[30] US (12/417,699) 2009-04-03

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[21] **2,818,693**  
[13] A1

[51] **Int.Cl. A61K 35/76 (2006.01) A61P  
35/00 (2006.01) A61P 37/04 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS  
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CANCER**

[54] **PROCEDES ET COMPOSITIONS  
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ET LE CANCER**

[72] KIRN, DAVID, US

[72] THORNE, STEVE H., US

[71] JENNEREX, INC., US

[22] 2003-08-11

[41] 2004-02-19

[62] 2,494,844

[30] US (60/402,857) 2002-08-12

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[21] **2,818,683**  
[13] A1

[51] **Int.Cl. C08J 3/28 (2006.01)**

[25] EN

[54] **OPTICAL NODE DEVICE,  
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[54] **DISPOSITIF DE NOEUD OPTIQUE,  
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[72] OKI, EIJI, JP

[72] MISAWA, AKIRA, JP

[72] KATAYAMA, MASARU, JP

[72] OKAMOTO, SATORU, JP

[71] NIPPON TELEGRAPH AND  
TELEPHONE CORPORATION, JP

[22] 2004-03-12

[41] 2004-09-23

[62] 2,501,888

[30] JP (2003-69216) 2003-03-14

[30] JP (2003-69223) 2003-03-14

[30] JP (2003-69233) 2003-03-14

[30] JP (2003-69246) 2003-03-14

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[21] **2,818,748**  
[13] A1

[51] **Int.Cl. A23G 9/32 (2006.01) A23G  
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[25] EN

[54] **MODULAR ELECTRICAL BUS  
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[54] **SYSTEME DE BUS ELECTRIQUE  
MODULAIRE**

[72] DE CAROLIS, ENRICO, US

[72] ESKEW, JOHN F., US

[72] GIBSON, ADAM, US

[72] HUNDT, MICHAEL W., US

[71] NUMATICS, INCORPORATED, US

[22] 2007-12-14

[41] 2009-01-29

[62] 2,693,518

[30] US (11/880,348) 2007-07-20

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UCB PHARMA GMBH	2,547,645	W.W. GRAINGER, INC.	2,660,317	WILLIAMS, DUNCAN PAUL	2,593,914
UCHIUMI, NAHIKO	2,723,081	WAGNER, ERNST-WERNER	2,594,796	WILLIAMS, LEONARD M.	2,486,106
UCHIUMI, TOSHIKI	2,600,560	WAGNER, TORSTEN	2,558,582	WILLIAMS, ROBERT	2,563,714
UHER, JOHN F.	2,599,463	WAIBEL, MARTIN	2,693,249	WILLS, DAVID J.	2,663,654
UHLE, CHRISTIAN	2,664,163	WAKAMIYA, STANLEY		WILSON, STEPHEN F.	2,452,954
ULUPINAR, FATIH	2,687,049	KATSUYOSHI	2,543,633	WINTHROP-UNIVERSITY	
UMESH, ANIL	2,676,971	WAKASUGI, KEI	2,669,957	HOSPITAL	2,658,884
UMICORE	2,676,390	WALL, ERIC J.	2,607,921	WIRTANEN, JEFF	2,618,912
UNGER, LILIANE	2,583,983	WALLACE, OWEN BRENDAN	2,650,627	WIRTH, KELSEY	2,654,854
UNI-CHARM CORPORATION	2,669,957	WALTER, ANDREAS	2,632,394	WISHAHY, MOMEN A.	2,725,218
UNILEVER PLC	2,579,115	WALTER, EDWARD L.	2,640,032	WISNEWSKI, NANCY	2,425,486
UNILEVER PLC	2,585,055	WALTHER, ANDREAS	2,664,163	WISSMANN, KORD J.	2,749,198
UNIVERSITAET ZUERICH	2,496,215	WAN, YIU CHUNG	2,590,296	WONDERLING, RAMANI S.	2,599,463
UNIVERSITE DE MONTREAL	2,271,354	WANG, DAVID	2,541,560	WONG, ANDREW	2,706,585
UNIVERSITE RENE		WANG, DEQUAN	2,725,840	WONG, CLIVE KOON YIN	2,590,296
DESCARTES-PARIS V	2,601,451	WANG, JUN	2,687,049	WONG, WILLARD WING YIN	2,590,296
UNIVERSITY OF HOUSTON	2,620,270	WANG, QI	2,483,782	WOODWARD, STEPHEN	
UNIVERSITY OF NORTH		WARD, GREGORY JOHN	2,671,894	GRAHAM	2,526,350
CAROLINA AT		WARD, ROBERT S.	2,681,090	WOODWARD, WILLIAM D.	2,651,701
CHARLOTTE	2,749,198	WARKENTIN, DANIEL JAMES	2,699,206	WOUTERS, WALTER	
UNIVERSITY OF SOUTHERN		WARREN BRENT DAVIS		BOUDEWIJN LEOPOLD	2,569,826
CALIFORNIA	2,660,634	REVOCABLE TRUST	2,605,819	WRIGHT, DAVID HOWELL	2,556,548
UOP LLC	2,525,650	WATERHOUSE, STEVE	2,625,863	WROLSON, DARRYL T.	2,739,802
UPMEIER, BARBARA	2,686,427	WATERLOO MAPLE INC.	2,546,799	WU, ARTHUR	2,722,113
UPONOR INNOVATION AB	2,586,600	WATSON, RAY A.	2,645,948	WU, YOUWEI	2,725,840
USAMI, SHO	2,738,889	WEARSCH, RALPH R.	2,770,431	WYETH	2,561,047
VALLOUREC MANNESMANN		WEATHERFORD/LAMB, INC.	2,741,870	WYETH LLC	2,650,056
OIL & GAS FRANCE	2,701,417	WEATHERFORD/LAMB, INC.	2,768,312	WYSOCKI, THERESA	2,579,416
VAN BEEK, RONALD R.	2,665,983	WEAVER, GREGG THOMAS	2,581,609	XEROX CORPORATION	2,631,600
VAN DER AA, MARCEL JOZEF		WEAVER, LISA M.	2,483,782	XEROX CORPORATION	2,676,890
MARIA	2,569,826	WEBER, JOSEPH C.	2,605,640	XIE, QINGJUN	2,654,669
VAN DER BURG, ERIK	2,685,691	WEBERG, ROLF THOMAS	2,608,968	XIE, YILING	2,396,508
VAN DER SLUIS, PETER		WEGNER, CHRISTIAN-		XILINX, INC.	2,632,006
WILLEM	2,783,887	MARIUS	2,528,782	XU, JIANHUI	2,709,836
VAN DUN, JACOBUS		WEILL, RICARDO	2,663,949	XU, YANPING	2,650,627
ALPHONSUS JOSEPHUS	2,569,826	WEINTRAUB, BRUCE D.	2,253,441	YAMADA, SATOSHI	2,713,351
VAN EEDEN, FRANS	2,560,846	WELCH ALLYN, INC.	2,712,032	YAMAGUCHI, NAOTO	2,696,311
VAN HEERTUM, ALBERTUS		WELLS, CHARLES	2,605,382	YAMAGUCHI, SUGURU	2,701,417
HENRICUS MARIA		WENDT, DAN J.	2,502,928	YAMKA, RYAN MICHAEL	2,626,735
THERESIA	2,569,826	WENFENG, XU	2,395,406	YAMKOVOY, PAUL G.	2,676,772
VAN KOOYK, YVETTE	2,330,231	WERNER, PETER	2,714,901	YANG, BING	2,738,715
VANDERSLUIJ, DONALD	2,495,486	WERNER, WOLFGANG	2,480,465	YANG, MINMIN	2,697,167
VARGA, CHRISTOPHER M.	2,464,656	WEST, BILL	2,739,802	YANG, XUDONG	2,650,056
VARMA-NAIR, MANIKA	2,649,975	WEYER, ERIK	2,694,067	YAO, JIANGCHAO	2,711,508
VAYNBERG, ABRAHAM K	2,545,464	WHATTON, MARIA ANN	2,699,674	YE, YAN	2,657,267
VEDELD, STEIN	2,624,315	WHELAN, DAVID A.	2,647,582	YEE, LUISA	2,517,181
VELLELLA, VINCENT	2,601,239	WHITCOMB, ROBERT	2,714,901	YORK CONTAINER	
VEMULAPALLI, VANI	2,704,524	WHITEHEAD, LORNE A.	2,687,383	COMPANY	2,667,162
VENERUSO, ANTHONY F.	2,535,477	WHITWORTH, DENVER	2,724,407	YORK, JEREMY	
VIETH, GUNNAR	2,506,315	WICHER, JEROME	2,430,395	SCHULENBURG	2,650,627
VIKING TECHNOLOGIES, L.C.	2,495,486	WIEDEMANN, JEFFREY PAUL	2,586,600	YOUNG, STANLEY ALAN	2,593,376
VILLHAUER, EDWIN		WIESE, BRIAN D.	2,732,871	YOUNG, STEVEN	2,723,591
BERNARD	2,673,615	WIKKERINK, EARL	2,665,601	YOUSEF, NABIL	2,624,293
VINSON, KENNETH				YU, STEPHEN	2,727,294
DOUGLAS	2,736,050			YUAN, JAY Z.	2,519,965

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ZALETA, LEOCADIO MEXA	2,525,268
ZAVADSKY, VYACHESLAV	2,507,174
ZAWACKI, JOHN A.	2,645,373
ZECHERLE, GARY N.	2,502,928
ZEIBDAWI, ABED	2,533,522
ZELENKA, ROBERT	2,605,382
ZHANG, GUODONG	2,565,605
ZHANG, GUODONG	2,605,657
ZHANG, WEI D.	2,709,290
ZHAO, HONG	2,526,007
ZHONG, ZHUN	2,525,034
ZHU, SHITONG	2,608,968
ZILLIG, DANIEL J.	2,532,563
ZIMMERMAN, JENNIFER	2,689,804
ZIMMERMAN, THOMAS H.	2,411,083
ZUMEX MAQUINAS Y ELEMENTOS, S.A.	2,584,216
ZWEIFEL, THOMAS J.	2,724,796
ZYMOGENETICS, INC.	2,395,406
ZYMOGENETICS, INC.	2,631,715

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4FRONT ENGINEERED SOLUTIONS, INC.	2,763,233	CARRIERE, ROLAND	2,801,931	ECOTALITY, INC.	2,793,448
9237-7167 QUEBEC INC.	2,763,649	CASTELLOTE, MIGUEL	2,813,861	ELLISTON, ASIF	2,800,720
ABE, KAZUNORI	2,798,639	CASTRO PONCE, JORGE ENRIQUE	2,800,550	EOM, MYUNG-JIN	2,800,419
ACCENTURE GLOBAL SERVICES LIMITED	2,798,545	CERCEAU, ARNAUD	2,797,524	EPHRATH, YARON	2,798,973
ADAMSON, TOBY L.	2,800,800	CERTAINTEED CORPORATION	2,800,423	ESPOSITO, PETER	2,763,238
ADVANTAGE PHARMACY SERVICES LLC	2,800,540	CERTAINTEED CORPORATION	2,800,436	EUNGARD, WILLIAM C.	2,763,233
ALBANY COLLEGE OF PHARMACY AND HEALTH SCIENCES	2,771,564	CERTAINTEED CORPORATION	2,800,483	EVANS, JONATHAN ANDREW	2,811,570
ALEXIS ENTERPRISES LTD.	2,789,992	CGGVERITAS SERVICES SA	2,800,422	EVANS, ROYSTON ALAN	2,800,075
ALTMANN, ANDRES CLAUDIO	2,798,973	CGGVERITAS SERVICES SA	2,800,425	EVONIK INDUSTRIES AG	2,800,543
ANDERSON, TORRENCE	2,778,742	CGGVERITAS SERVICES SA	2,800,646	EXXONMOBIL UPSTREAM RESEARCH COMPANY	2,800,773
AOI SEIKI CO., LTD.	2,800,598	CHAN, TIEN-FU	2,800,622	F.B. BALZANELLI	
ARTONNE, JEAN-CLAUDE	2,763,649	CHAVEZ CROOKER, PAMELA	2,800,550	AVVOLGITORI S.P.A.	2,800,713
ASHFORD, CURTIS M.	2,793,167	CHEN, HENRY YAO-TSU	2,799,897	FANG, YI	2,799,759
AYME-PERROT, DAVID	2,800,129	CHENG, DENNIS	2,764,500	FARNSWORTH, VICTOR PAUL	2,799,810
BABCOCK-HITACHI K.K.	2,800,191	CHRETIEN, ALEXANDRE	2,763,335	FERGUSON, DON	2,800,086
BALZANELLI, ALESSANDRO	2,800,713	CIECHANOWSKI, DOMINIQUE	2,813,861	FISHER, CHRISTOPHER C.	2,800,423
BANADAKI, SEYED JAFAR SHAFAEDDIN	2,799,917	CLERTANT, ALAIN	2,801,931	FLITSCH, FREDERICK A.	2,799,728
BARABAS, JULIANNA	2,799,630	COGSWELL, FREDERICK J.	2,794,061	FLOYD, STANLEY L.	2,797,372
BARCUS, DAVID L.	2,799,912	CONCRETE PRODUCTS GROUP LLC	2,762,875	FOUSER, KENNETH DOUGLAS	2,798,464
BARIOZ, CHANTAL	2,801,931	CONRY, PAT	2,800,409	FREEDOM SOLUTIONS GROUP, LLC D/B/A MICROSYSTEMS	2,800,800
BARRETT, JOHN TODD	2,800,540	CORIC, MILOS	2,800,792	FREY, JENNIFER L.	2,799,834
BASF SE	2,801,925	CORN PRODUCTS DEVELOPMENT, INC.	2,800,554	FROESE, JOSEPH S.	2,801,762
BAXLEY EQUIPMENT CO.	2,800,409	COSKUN, RISVAN	2,799,917	FROST, CAVIN B.	2,797,526
BEATON, STEPHEN R.	2,799,728	COT, SERGE	2,801,083	G-U HARDWARE, INC.	2,762,882
BEAUREGARD, GARRETT	2,793,448	COX, ADAM BENJAMIN	2,799,349	GAGNON, ROBERT	2,763,657
BELLANTE, DANIELE	2,794,012	CROVER, JOSEPH B.	2,800,454	GARCERAN, KATIA	2,800,425
BERNARD, CHRISTOPHER DAVID	2,798,669	CULTIVOS HIDROBIOLOGICOS Y BIOTECNOLOGIA AGUAMARINA S.A.	2,800,550	GARCIA, JOSEPH	2,763,915
BHATNAGAR, PRATEEK	2,797,931	CZYZ, JAROSLAW A.	2,763,183	GE AVIATION SYSTEMS LIMITED	2,800,075
BHDT GMBH	2,798,423	D'AVELA, CANAN D3, LLC	2,762,875	GENERAL ELECTRIC COMPANY	2,800,055
BIOSENSE WEBSTER (ISRAEL), LTD.	2,798,973	DATTA, KESHAVA	2,801,441	GERIS, RYAN ALEXANDER	2,798,669
BIOSENSE WEBSTER (ISRAEL), LTD.	2,799,172	DAVIS, KJERYN	2,799,172	GIOVANINI, JOHN N.	2,797,372
BLUME, ANKE	2,800,543	DAVIS, PAUL J.	2,763,693	GOLDEN BIOTECHNOLOGY CORPORATION	2,800,329
BMC SOFTWARE, INC.	2,799,964	DEIGHTON, KEVIN	2,771,564	GORMAN, JOSEPH J.	2,800,418
BONN, KENLYN S.	2,800,700	DENEWETH, DONALD	2,800,661	GOVARI, ASSAF	2,798,973
BOSETTI, CRIS KEVIN	2,798,980	DIEHL, TIMOTHY JAMES	2,799,238	GRAY, BRANDON K.	2,800,454
BRANNING, SHAWN R.	2,800,554	DIEUDONNE, MARIE	2,798,464	GRENIER, ARNAUD	2,800,946
BRENNTAG CANADA INC.	2,762,754	DOBER CHEMICAL CORPORATION	2,800,129	GRENIER, ARNAUD	2,801,089
BROCK, STEPHAN	2,800,722	DUFFY, WILLIAM CHRISTOPHER	2,806,782	GREY, ROGER DALE	2,762,754
BROWN, MILES W.	2,800,123	DUFOUR, BRUNO	2,800,129	GRUBKA, LAWRENCE J.	2,799,834
BROZINA, CHRIS	2,799,238	DURASYSTEMS BARRIERS, INC.	2,800,362	GUNN, DONALD O.	2,800,339
C.G. AIR SYSTEMES INC.	2,813,861	DYE, CHRISTOPHER M.	2,800,001	HADDAD, BENY	2,768,483
CAMA1 S.P.A.	2,794,012			HAWKINS, LAURA L.	2,813,615
CAMFIL FARR, INC.	2,800,418			HEILBRUN, RUSS MICHAEL	2,814,048
CAPLES, DENNIS C.	2,799,172			HETHERINGTON, MICHAEL H.	2,763,916
				HILDEBRANDT, GREG M.	2,800,454
				HILL, THOMAS CASEY	2,797,931

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HODDER, JANINE MARY	2,811,570	CORPORATION NORTH		mitsubishi electric	
HOFFMAN, MICHAEL T.	2,800,123	AMERICA	2,800,621	CORPORATION	2,800,462
HOFFMAN, ROBERT	2,800,621	KUMANO, KOJI	2,800,462	MITTS, THOMAS F.	2,801,540
HOKARI, NOBUYUKI	2,800,191	L'AIR LIQUIDE SOCIETE		MODERER, RENE	2,798,423
HONDA MOTOR CO., LTD.	2,798,639	ANONYME POUR		MOLECULAR HEALTH AG	2,800,722
HONEYWELL		L'ETUDE ET		MOLLOV, STEFAN	2,800,081
INTERNATIONAL INC.	2,800,434	L'EXPLOITATION DES		MORTER, CHRISTOPHER	
HONG, KEITH C.	2,800,483	PROCEDE S GEORGES		MARTIN	2,800,055
HOPPE HOLDING AG	2,799,826	CLAUDE	2,797,524	MOSHER, STEPHEN	2,806,782
HORMAN, SCOTT L.	2,799,759	LAFFERTY, SHANNON	2,799,238	MOUSA, SHAKER A.	2,771,564
HSY, JOE PEI-WEN	2,799,964	LAKOVIC, TOMISLAV	2,800,123	MUBAREK, OMER	2,799,917
HUANG, LIEN-HSI	2,800,622	LALANNE, CLEMENT	2,801,083	MUKAIDE, MASA AKI	2,800,191
HUMAN MATRIX SCIENCES,		LAMBERT, DAVID	2,801,777	MUTTON, JEREMY	2,801,512
LLC	2,801,540	LAMBERT, FRED	2,801,777	NATIONAL OILWELL VARCO,	
HUML, JAN M.	2,762,882	LAROSE, PIERRE	2,799,964	L.P.	2,798,377
HUTCHINSON	2,800,129	LAURENT, STEPHANE	2,800,946	NEEDEL, GREGORY E.	2,770,729
HYMEL, JAMES ALLEN	2,811,570	LAURENT, STEPHANE	2,801,089	NEXANS	2,801,931
IAGOUNOV, OLEG	2,800,086	LE MEUR, DAVID	2,800,425	NIKE INTERNATIONAL LTD.	2,800,123
INNOVATION FIRST, INC.	2,770,729	LE MEUR, DAVID	2,800,646	NORMAN, DAVID ANTHONY	2,770,729
INTEGRATIVE LOGISTICS		LEDEBUHR INDUSTRIES, INC.	2,763,916	OBREQUE CONTREAS,	
AND LEASING LLC	2,782,321	LEDEBUHR, RICHARD	2,763,916	JOHANNA DEL ROSARIO	2,800,550
IRWIN INDUSTRIAL TOOL		LEE, ANTHONY C.	2,800,700	ODESSA SEPARATOR, INC.	2,797,526
COMPANY	2,800,720	LEE, HYUN-TAEK	2,800,419	OLSON, BRIAN R.	2,776,026
ITOHI, TERUAKI	2,800,598	LEE, JAESEON	2,794,061	ORDWAY RESEARCH	
JACHOWICZ, ANDRZEJ	2,800,800	LEONARD, JOHN-MARK	2,763,282	INSTITUTE, INC.	2,771,564
JACKSON, DAVID	2,800,722	LES LABORATOIRES		ORITA, HISAYUKI	2,800,191
JACOBS, GREGORY F.	2,800,483	SERVIER	2,800,946	OTTS, DANIEL B.	2,799,728
JANNIN, NICOLAS	2,797,524	LES LABORATOIRES		OWENS CORNING	
JARMUSZEWSKI, PERRY	2,800,421	SERVIER	2,801,089	INTELLECTUAL	
JEANNEAU, PHILIPPE	2,762,872	LEUNG, CHUN YIN BRYAN	2,799,897	CAPITAL, LLC	2,799,834
JENKINS, ROBERT L.	2,800,423	LI, GUIJIANG	2,770,729	OWENS, WILLIAM WARD	2,799,349
JENKINS, ROBERT L.	2,800,436	LILIENTHAL, KATE	2,813,616	O'SULLIVAN, THOMAS	2,800,800
JIN, KI HO	2,800,441	LINOL, JULIE	2,800,946	PACE, JUSTIN D.	2,800,773
JOHN, TRACY M.	2,800,554	LINOL, JULIE	2,801,089	PALMER, THOMAS R.	2,800,773
JOHNSON & JOHNSON		LIU, QIANG	2,762,754	PANDOJIRAO-S, PRAVEEN	2,799,728
VISION CARE, INC.	2,799,728	LIU, SHENG-YUNG	2,800,329	PARMAR, VAIBHAV	2,798,545
JOHNSON, STEVEN B.	2,800,001	LIU, YUAN-PING	2,801,765	PARSONS, JOHN PATRICK	2,799,742
JOHNSON, STEVEN B.	2,800,464	LORIOL, RENEE	2,801,931	PELICAN PRODUCTS, INC.	2,800,661
JONES, JOHN E., III	2,797,372	LU, SHIH-MIN	2,800,622	PENDEKANTI, RAJESH	2,799,172
JUNG, HAE-KYUNG	2,800,419	LUO, DONG	2,794,061	PICHETTE, JEAN	2,800,431
JUTRAS, JEAN-PIERRE	2,799,630	LYNGSOE SYSTEMS LIMITED	2,800,086	PIERCE PACIFIC	
KALBFELD, RUSSELL G.	2,799,912	MAHMOUD, AHMAD M.	2,794,061	MANUFACTURING, INC.	2,800,454
KALKANOGLU, HUSNU M.	2,800,436	MANKARUSE, GEORGE		PIVATO, EMMA	2,789,992
KALKANOGLU, HUSNU M.	2,800,483	SOLIMAN	2,800,421	POOLE, GORDON	2,800,422
KALOMERIS, CHARLES E.	2,800,720	MANWAY, TERRY ALAN	2,798,464	POULAIN, GUILLAUME	2,800,646
KANG, SUKWON	2,800,661	MARCHAND, RENE PIERRE	2,798,669	POULSEN, JENS KRISTIAN	2,800,421
KARASEWITSCH, EUGENIE	2,800,543	MARKERT, BRUCE D.	2,799,349	POWER PIN INC.	2,776,026
KARNER, DONALD B.	2,793,448	MARTEAU, JULIEN	2,797,524	PRAKASH, MANI N.	2,800,700
KENNAMETAL INC.	2,798,464	MASCO CABINETRY LLC	2,799,238	PUGH, RANDALL B.	2,799,728
KENNEDY, RUSSELL R.	2,800,409	MATHIEU, SEBASTIEN	2,800,946	PUMPWELL SOLUTIONS LTD.	2,763,183
KENSICHER, CHRISTELE	2,801,931	MATHIEU, SEBASTIEN	2,801,089	QIN, HAO	2,763,510
KERNICK, EDWARD R.	2,799,728	MCAIRLAID'S VLIESTOFFE		RADCLIFF, THOMAS D.	2,794,061
KIJIMA, TAKUMI	2,800,462	GMBH & CO. KG	2,800,357	RAFFENSBERGER, PRESTON	
KIKIC, EDVARD	2,811,570	MCCAUSLAND, PAUL		RUSSELL	2,798,464
KIM, JAE-HYUN	2,800,419	ROBERT	2,762,984	RANJAN, RAJESH	2,800,483
KIM, YONG-JE	2,800,419	MEIS, CHARLES STEVEN	2,798,980	RAYBON, CHRIS	2,800,409
KNIGHT, COLIN	2,800,792	MERRY, BRIAN D.	2,800,001	RAYMAN, PAUL	2,763,719
KNOLL, MITCHELL	2,813,679	MERRY, BRIAN D.	2,800,464	RENNARD, DAVID C.	2,800,773
KOCH, MELISSA	2,799,111	MICHAUD, JASON	2,770,267	RESEARCH IN MOTION	
KONINKLIJKE PHILIPS		MICROTURBO	2,801,083	LIMITED	2,796,613
ELECTRONIC N.V.	2,763,915	MIDAS WEI TRADING CO.,		RESEARCH IN MOTION	
KOPP, ROBERT G.	2,778,742	LTD.	2,801,765	LIMITED	2,797,931
KOYESS, PHILIPPE	2,763,335	MIMLITCH, ROBERT H., III	2,770,729		



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RESEARCH IN MOTION LIMITED	2,799,897	SUNSTAR AMERICAS, INC.	2,799,912	ZIEN, ALEXANDER	2,800,722
RESEARCH IN MOTION LIMITED	2,799,917	TACKETT, NASON WAYNE	2,801,441		
RESEARCH IN MOTION LIMITED	2,800,421	TAGLANG, GUILLAUME	2,800,722		
RESEARCH IN MOTION LIMITED	2,811,570	TAIWAN FU HSING INDUSTRIAL CO., LTD.	2,800,622		
RIALL, JAMES DANIEL	2,799,728	TALAVERA, GUSTAVO	2,798,545		
RICE, JORDON M.	2,800,123	TANG, LAICHANG	2,800,661		
RING, MARK DAVID	2,799,984	TARGET BRANDS, INC.	2,813,615		
RING, MARK DAVID	2,799,999	TARGET BRANDS, INC.	2,813,616		
RITTEN, CHRISTOPHER	2,801,512	TARGET BRANDS, INC.	2,813,679		
RITTEN, JASON	2,801,512	TARGET BRANDS, INC.	2,814,048		
ROBERT BOSCH GMBH	2,800,054	TAURAND, CHRISTOPHE	2,800,081		
ROBERTS, MICHAEL JOHN	2,800,055	THALES	2,800,081		
ROSS, STEPHEN MICHAEL	2,798,464	THE BOEING COMPANY	2,793,167		
ROSSETTO, FRANCESCA	2,800,700	THE BOEING COMPANY	2,798,980		
RYKS, DANIEL LEE	2,814,048	THE HOSPITAL FOR SICK CHILDREN	2,801,540		
SAMSUNG ELECTRONICS CO., LTD.	2,800,419	THOMAS, ALEC REID	2,811,570		
SANDVINE INCORPORATED ULC	2,768,483	TIERNEY, MALCOLM OLIVER	2,800,075		
SANGARY, NAGULA THARMA	2,800,421	TINTCHEV, FILIP	2,800,357		
SARKAR, NILANJAN	2,768,483	TONER, ADAM	2,799,728		
SATO, YUKIO	2,800,462	TRIEB, FRANZ	2,798,423		
SAVCHENKO, OLEKSIY	2,763,183	TROTTIER, GAETAN	2,804,867		
SCHMIDT, ANDREAS	2,800,357	TRUTH HARDWARE CORPORATION	2,800,624		
SCHOVILLE, FRED P.	2,800,540	TYLER, JONATHAN	2,789,992		
SCHUBERTH, OLIVER ERICH RUDOLF	2,799,826	UEMORI, KOSUKE	2,798,639		
SCHWARZ, FREDERICK M.	2,800,001	UMBRA LLC	2,764,500		
SCHWARZ, FREDERICK M.	2,800,464	UNISON INDUSTRIES, LLC	2,799,349		
SEARS BRANDS, LLC	2,800,792	UNISON INDUSTRIES, LLC	2,799,742		
SEATON, JOHN DAVID	2,800,055	UNISON INDUSTRIES, LLC	2,799,810		
SEUX, THIERRY	2,801,931	UNITED TECHNOLOGIES CORPORATION	2,794,061		
SHAH, KAMLESH K.	2,800,554	UNITED TECHNOLOGIES CORPORATION	2,799,984		
SHAKER, GEORGE	2,800,421	UNITED TECHNOLOGIES CORPORATION	2,799,999		
SHIMAMURA, JUN	2,800,191	UNITED TECHNOLOGIES CORPORATION	2,800,001		
SINTEK, BRAD A.	2,800,454	UNITED TECHNOLOGIES CORPORATION	2,800,464		
SMITH INTERNATIONAL, INC.	2,799,759	VERA ARAYA, JEANNETTE MARISOL	2,800,550		
SMITH, RICHARD ALAN	2,800,434	VIVANT MEDICAL, INC.	2,800,700		
SOLDATOS, THEODOROS	2,800,722	VOGLER, MICHAEL R.	2,778,742		
SONG, HUN	2,799,834	WAEGELIN, JEFFREY R.	2,770,729		
SONNTAG, PHILIPPE	2,800,129	WEAST, AARON B.	2,800,123		
SPARTNER ACCESSORIES INC.	2,799,630	WEI, TAO-CHIN	2,801,765		
SPORT MASKA INC.	2,762,872	WEN, WU-CHE	2,800,329		
SPORT MASKA INC.	2,763,335	WEYERHAEUSER NR COMPANY	2,797,372		
STACKHOUSE, RAYMOND W., JR.	2,782,321	WHITE, JOSEPH F.	2,801,925		
STEINMETZ, MARTIN	2,800,054	WILSON, PHILLIP E.	2,801,925		
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STUHL, JACK	2,763,155	WOLF, GLEN W.	2,800,624		
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		YU, HYUN GUN	2,799,834		
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ABBVIE DEUTSCHLAND		ANDERSON, GEORGIA A.	2,818,983	BASF SE	2,818,847
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ABBVIE INC.	2,819,087	ANDERSON, ROBERT J.	2,818,904	BASF SE	2,818,914
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ADAMS, STEVE	2,819,166	MARIA DEL PILAR	2,818,951	PROPERTY GMBH	2,819,034
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AKTAS, MACIT	2,819,063	ATKINS, WILLIAM BRIAN	2,819,097	BERG, TOM CHRISTIAN	2,819,088
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DYGERT, TODD	2,819,165	FISHER CONTROLS		GILL, DARLA	2,818,687
DYKSTRA, JASON D.	2,818,967	INTERNATIONAL LLC	2,818,803	GIRGIS, DANNY	2,819,147
E. I. DU PONT DE NEMOURS		FLAKT SOLYVENT-VENTEC	2,819,004	GISSLIN, LARS-AKE	2,818,739
AND COMPANY	2,818,918	FLANAGAN, JOHN	2,819,159	GISTSCHER, GEORGE	2,818,937
EATON ELECTRICAL IP		FLEITMANN, GREGOR	2,819,068	GITSCHER, GEORGE	2,818,920
GMBH & CO. KG	2,819,044	FLEMING, PATRICK R.	2,818,994	GIUFFRIDA, FRANK D.	2,819,166
EATON ELECTRICAL IP		FLEURY, GATIEN	2,818,620	GIVAUDAN SA	2,819,143
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INC.	2,818,816	FLOYD, DANIEL CLAY	2,804,993	GLYKOS FINLAND OY	2,819,071
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ECOLAB USA INC.	2,819,127	FRAUNHOFER-		DIEGO	2,818,955
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EDWARDS LIFESCIENCES		FORSCHUNG E.V.	2,819,111	GORDON, GREGORY	2,818,960
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EDWARDS, RICHARD	2,818,743	FREITAG, NICOLAS	2,819,001	LOURDES	2,819,184
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