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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 December 31, 2013

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1517*
For each additional sheet over 30	\$17
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 31 décembre 2013

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1517 \$*
Pour chaque feuille au delà de 30	17 \$
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

### Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$228

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

\* International fees will be reduced by:

- \$114 for all applications filed using PCT-EASY,
- \$228 for all applications filed electronically using PCT-SAFE (The request in character coded format).
- \$342 for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

## 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)).

### 4. Taxe pour paiement tardif

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

### Examen préliminaire

5. Taxe de traitement (Règle 57.2a) 228 \$

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

\* Les frais seront réduits de:

- 114 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 228 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- 342 \$ 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. 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 trademark 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  
Édifce 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 February 25, 2014 contains applications open to public inspection from February 9, 2014 to February 15, 2014.

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 25 février 2014 contient les demandes disponibles au public pour consultation pour la période du 9 février 2014 au 15 février 2014.

# Canadian Patents Issued

February 25, 2014

## Brevets canadiens délivrés

25 février 2014

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[11] **2,207,252**  
[13] C

[51] **Int.Cl. C07K 5/103 (2006.01) A61K 31/195 (2006.01) A61K 31/24 (2006.01) A61K 31/27 (2006.01) A61K 31/33 (2006.01) A61K 38/07 (2006.01) A61K 47/48 (2006.01) C07C 229/52 (2006.01) C07C 237/12 (2006.01) C07C 311/01 (2006.01) C07C 317/28 (2006.01) C07C 323/25 (2006.01) C07C 323/41 (2006.01) C07C 323/59 (2006.01) C07C 323/60 (2006.01) C07C 329/06 (2006.01) C07D 207/34 (2006.01) C07D 215/38 (2006.01) C07D 217/22 (2006.01) C07D 257/04 (2006.01) C07D 263/48 (2006.01) C07D 277/38 (2006.01) C07D 307/66 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **INHIBITORS OF PRENYL TRANSFERASES**

[54] **INHIBITEURS DES PRENYLE TRANSFERASES**

[72] SEBTI, SAID, US

[72] HAMILTON, ANDREW, US

[73] UNIVERSITY OF PITTSBURGH, US

[85] 1997-06-06

[86] 1996-01-11 (PCT/US1996/001559)

[87] (WO1996/021456)

[30] US (08/371,682) 1995-01-12

[30] US (08/451,839) 1995-05-30

[30] US (08/552,554) 1995-11-03

[30] US (08/582,076) 1996-01-02

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[11] **2,324,786**  
[13] C

[51] **Int.Cl. D21H 27/40 (2006.01) A47K 10/16 (2006.01) B31F 1/07 (2006.01) B32B 38/06 (2006.01) D21H 27/02 (2006.01)**

[25] EN

[54] **MULTI-PLY ABSORBENT PAPER PRODUCT HAVING IMPRESSED PATTERN**

[54] **PRODUIT EN PAPIER ABSORBANT MULTICOUCHES A MOTIFS IMPRIMES**

[72] SCHULZ, GALYN A., US

[72] WORRY, GARY L., US

[72] YEH, KANG CHANG, US

[72] KERSHAW, THOMAS N., US

[73] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US

[86] (2324786)

[87] (2324786)

[22] 2000-10-31

[30] US (60/162,981) 1999-11-01

[30] US (09/564,800) 2000-05-05

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[11] **2,376,665**  
[13] C

[51] **Int.Cl. C12N 15/62 (2006.01) A01K 67/027 (2006.01) A61K 48/00 (2006.01) C07K 14/16 (2006.01) C12N 15/00 (2006.01) C12N 15/63 (2006.01) C12N 15/85 (2006.01)**

[25] EN

[54] **NOVEL TET REPRESSOR-BASED TRANSCRIPTIONAL REGULATORY PROTEINS**

[54] **PROTEINES DE REGULATION TRANSCRIPTIONNELLE BASEES SUR UN REPRESSEUR TET**

[72] HILLEN, WOLFGANG, DE

[72] BUJARD, HERMANN, DE

[72] URLINGER, STEFANIE, DE

[73] TET SYSTEMS GMBH & CO.KG, DE

[85] 2001-12-07

[86] 2000-06-05 (PCT/IB2000/000886)

[87] (WO2000/075347)

[30] US (60/137,986) 1999-06-07

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[11] **2,403,172**  
[13] C

[51] **Int.Cl. G06Q 40/00 (2012.01)**

[25] EN

[54] **METHOD FOR LINKING ACCOUNTS CORRESPONDING TO DIFFERENT PRODUCTS TOGETHER TO CREATE A GROUP**

[54] **PROCEDE PERMETTANT DE RELIER DES COMPTES CORRESPONDANTS A DES PRODUITS DIFFERENTS AFIN DE CREER UN GROUPE**

[72] BLAGG, LYNN HOLM, US

[72] KATHOL, EUGENE F., US

[72] GREAR, MICHAEL B., US

[72] DONLIN, GRETCHEN L., US

[73] FIRST DATA CORPORATION, US

[85] 2002-09-25

[86] 1999-12-30 (PCT/US1999/031202)

[87] (WO2000/065500)

[30] US (09/298,505) 1999-04-23

**Canadian Patents Issued  
February 25, 2014**

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[11] **2,404,868**  
[13] C

[51] **Int.Cl. C07D 209/54 (2006.01) A01N 43/06 (2006.01) A01N 43/12 (2006.01) A01N 43/16 (2006.01) A01N 43/36 (2006.01) A01N 43/38 (2006.01) A01N 43/90 (2006.01) A01N 47/06 (2006.01) A01P 7/00 (2006.01) A01P 13/00 (2006.01) C07C 49/233 (2006.01) C07C 49/747 (2006.01) C07C 57/32 (2006.01) C07C 62/38 (2006.01) C07C 69/587 (2006.01) C07C 69/614 (2006.01) C07C 69/73 (2006.01) C07C 69/757 (2006.01) C07C 233/51 (2006.01) C07D 207/38 (2006.01) C07D 307/94 (2006.01) C07D 309/14 (2006.01) C07D 309/38 (2006.01) C07D 491/10 (2006.01) C07F 7/08 (2006.01)**

[25] EN

[54] **C2-PHENYL-SUBSTITUTED CYCLIC KETO-ENOLS AS PESTICIDES AND HERBICIDES**

[54] **CETOENOLS CYCLIQUES SUBSTITUES PAR PHENYLE C2 UTILISES COMME AGENTS DE LUTTE CONTRE LES PARASITES ET COMME HERBICIDES**

[72] RUTHER, MICHAEL, DE  
[72] HAGEMANN, HERMANN, DE  
[72] SCHNEIDER, UDO, DE  
[72] DOLLINGER, MARKUS, US  
[72] DAHMEN, PETER, DE  
[72] WACHENDORFF-NEUMANN, ULRIKE, DE  
[72] FISCHER, REINER, DE  
[72] GRAFF, ALAN, DE  
[72] BRETSCHNEIDER, THOMAS, DE  
[72] ERDELEN, CHRISTOPH, DE  
[72] DREWES, MARK WILHELM, DE  
[72] FEUCHT, DIETER, DE  
[72] LIEB, FOLKER, DE  
[73] BAYER AKTIENGESELLSCHAFT, DE

[85] 2002-09-30  
[86] 2001-03-21 (PCT/EP2001/003215)  
[87] (WO2001/074770)  
[30] DE (100 16 544.3) 2000-04-03

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[11] **2,410,861**  
[13] C

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

[25] EN

[54] **SYSTEM FOR NETWORK ADDRESSING**

[54] **SYSTEME D'ADRESSAGE DE RESEAU**

[72] RACIBORSKI, NATHAN F., US  
[72] THOMPSON, MARK R., US  
[73] MOTOROLA MOBILITY LLC, US

[85] 2002-11-28  
[86] 2001-06-01 (PCT/US2001/018019)  
[87] (WO2001/093527)  
[30] US (60/209,007) 2000-06-01  
[30] US (09/664,179) 2000-09-18

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[11] **2,411,460**  
[13] C

[51] **Int.Cl. A61B 1/01 (2006.01) A61B 1/05 (2006.01) A61B 10/04 (2006.01) A61B 17/94 (2006.01)**

[25] EN

[54] **SELF-PROPELLED, INTRALUMINAL DEVICE WITH WORKING CHANNEL AND METHOD OF USE**

[54] **DISPOSITIF INTRALUMINAL AUTOPROPULSE AVEC CANAL DE TRAVAIL ET METHODE D'UTILISATION DE CELUI-CI**

[72] LONG, GARY L., GB  
[72] WALES, KENNETH S., US  
[73] ETHICON ENDO-SURGERY, INC., US

[86] (2411460)  
[87] (2411460)  
[22] 2002-11-08  
[30] US (60/344,426) 2001-11-09  
[30] US (60/344,429) 2001-11-09  
[30] US (10/247,213) 2002-09-19

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[11] **2,414,504**  
[13] C

[51] **Int.Cl. C08F 214/18 (2006.01) C08F 8/00 (2006.01) C08F 214/26 (2006.01) C08J 5/22 (2006.01) H01M 8/10 (2006.01)**

[25] EN

[54] **FLUORINATED IONOMERS**

[54] **IONOMERES FLUORES**

[72] ARCELLA, VINCENZO, IT  
[72] GHIELMI, ALESSANDRO, IT  
[72] TOMMASI, GIULIO, IT  
[73] AUSIMONT S.P.A., IT

[86] (2414504)  
[87] (2414504)  
[22] 2002-12-17  
[30] IT (MI2001 A 002746) 2001-12-21

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[11] **2,422,479**  
[13] C

[51] **Int.Cl. F26B 21/00 (2006.01) B05C 11/06 (2006.01) B26B 13/10 (2006.01) C03B 33/03 (2006.01) F24F 9/00 (2006.01) F26B 15/12 (2006.01)**

[25] EN

[54] **AIR KNIFE AND CONVEYOR SYSTEM**

[54] **LAME D'AIR ET TRANSPORTEUR**

[72] SHEPPERD, ROBERT R., US  
[73] GED INTEGRATED SOLUTIONS, INC., US

[86] (2422479)  
[87] (2422479)  
[22] 2003-03-18  
[30] US (60/365,500) 2002-03-18  
[30] US (10/352,010) 2003-01-27

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[11] **2,442,242**  
[13] C

[51] **Int.Cl. G01P 13/00 (2006.01) G01D 5/245 (2006.01) G01P 21/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CALIBRATING AN INCREMENTAL COUNT OF MOVEMENT**

[54] **METHODE ET APPAREIL D'ETALONNAGE DE DISTANCES INCREMENTALES DE DEPLACEMENT**

[72] FITZGIBBON, JAMES J., US  
[73] THE CHAMBERLAIN GROUP, INC., US

[86] (2442242)  
[87] (2442242)  
[22] 2003-09-23  
[30] US (10/261,815) 2002-10-01

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[13] C

[51] **Int.Cl. A61K 35/12 (2006.01) A61L 27/36 (2006.01) A61L 27/60 (2006.01)**

[25] EN

[54] **EB MATRIX PRODUCTION FROM FETAL TISSUES AND ITS USE FOR TISSUE REPAIR**

[54] **ELABORATION DE MATRICE DITE "EB" A PARTIR DE TISSU FOETAL, ET UTILISATION POUR LA REPARATION DES TISSUS**

[72] DAI, JIANWU, US

[72] BELL, EUGENE, US

[72] RUSSAKOVSKY, VLADIMIR, US

[73] TEI BIOSCIENCES INC., US

[85] 2003-11-24

[86] 2002-05-20 (PCT/US2002/015620)

[87] (WO2002/096263)

[30] US (09/871,518) 2001-05-31

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[11] **2,451,310**  
[13] C

[51] **Int.Cl. C07K 14/00 (2006.01) A61K 38/10 (2006.01) A61K 38/16 (2006.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01) C07K 7/08 (2006.01)**

[25] EN

[54] **ANTIMICROBIAL PEPTIDES**

[54] **PEPTIDES ANTIMICROBIENS**

[72] DEBER, CHARLES M., CA

[72] LIU, LI-PING, CA

[73] THE HOSPITAL FOR SICK CHILDREN, CA

[85] 2003-12-19

[86] 2002-06-21 (PCT/CA2002/000936)

[87] (WO2003/000277)

[30] US (60/299,726) 2001-06-22

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[11] **2,469,953**  
[13] C

[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/41 (2006.01) A61P 25/00 (2006.01) C07D 235/00 (2006.01) C07D 285/00 (2006.01)**

[25] EN

[54] **IMIDAZO [2,1-BETA.]-1,3,4-THIADIAZOLE SULFONAMIDES**

[54] **IMIDAZO [2,1-BETA.]-1,3,4-THIADIAZOLE SULFONAMIDES**

[72] JAQUITH, JAMES B., CA

[72] VILLENEUVE, GERALD, CA

[72] BOUDREAULT, ALAIN, CA

[72] MORRIS, STEPHEN, CA

[72] DURKIN, JON, CA

[72] GILLARD, JOHN W., CA

[72] HEWITT, KIMBERLY, CA

[72] MARSH, H. NICHOLAS, US

[73] PHARMASCIENCE INC., CA

[85] 2004-06-11

[86] 2002-12-16 (PCT/CA2002/001942)

[87] (WO2003/051890)

[30] CA (2,364,985) 2001-12-14

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[11] **2,471,879**  
[13] C

[51] **Int.Cl. A61K 38/25 (2006.01) A61K 9/08 (2006.01) A61K 38/27 (2006.01) A61K 47/02 (2006.01) A61K 47/04 (2006.01) A61K 47/12 (2006.01) A61K 47/18 (2006.01) A61P 5/10 (2006.01) A61P 43/00 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION CONTAINING GHRELIN**

[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA GHRELIN**

[72] MINAMITAKE, YOSHIHARU, JP

[72] MATSUMOTO, MASARU, JP

[73] KANGAWA, KENJI, JP

[73] DAIICHI SANKYO COMPANY, LIMITED, JP

[85] 2004-06-28

[86] 2003-05-21 (PCT/JP2003/006349)

[87] (WO2003/097083)

[30] JP (2002-146155) 2002-05-21

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[11] **2,476,589**  
[13] C

[51] **Int.Cl. A61K 47/42 (2006.01) A61K 38/00 (2006.01) A61K 38/27 (2006.01) A61K 47/02 (2006.01) A61K 47/30 (2006.01) A61K 47/48 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR DELIVERY OF THERAPEUTICS AND OTHER MATERIALS, AND METHODS OF MAKING AND USING THE SAME**

[54] **COMPOSITIONS POUR L'ADMINISTRATION DE SUBSTANCES THERAPEUTIQUES ET ANALOGUES, ET PROCEDES DE FABRICATION ET D'UTILISATION DESDITES COMPOSITIONS**

[72] BOLOTIN, ELIJAH M., US

[73] PHARMAIN CORPORATION, US

[85] 2004-08-17

[86] 2003-02-27 (PCT/US2003/005937)

[87] (WO2003/072143)

[30] US (60/360,350) 2002-02-27

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[11] **2,479,017**  
[13] C

[51] **Int.Cl. B60P 3/355 (2006.01) B62D 1/00 (2006.01) B62D 63/06 (2006.01) E04H 15/06 (2006.01)**

[25] EN

[54] **TENT ASSEMBLY FOR USE WITH UTILITY TRAILERS AND VEHICLES**

[54] **ENSEMBLE TENTE A UTILISER AVEC DES REMORQUES ET DE VEHICULES UTILITAIRES**

[72] BADGER, WILLIAM A., US

[72] BADGER, ROBERT J. T., US

[72] BADGER, JOHN T., US

[73] LIFETIME PRODUCTS INC., US

[85] 2004-09-13

[86] 2003-03-13 (PCT/US2003/007556)

[87] (WO2003/078232)

[30] US (60/364,537) 2002-03-14

[30] US (10/108,133) 2002-03-27

[30] US (10/318,936) 2002-12-13

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[11] **2,484,589**  
[13] C

[51] **Int.Cl. G07B 17/02 (2006.01) G01G 19/00 (2006.01) G01G 19/414 (2006.01) G07B 17/00 (2006.01)**

[25] FR

[54] **PRINTING PROCESS FOR COMPACT MACHINE AND RELATED MACHINE**

[54] **PROCEDE D'IMPRESSIION POUR MACHINE COMPACTE ET MACHINE ASSOCIEE**

[72] KRASUSKI, MAREK, FR

[72] FAJOUR, MICHEL, FR

[73] NEOPOST INDUSTRIE, FR

[86] (2484589)

[87] (2484589)

[22] 2004-11-08

[30] FR (03 13573) 2003-11-20

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[11] **2,487,911**  
[13] C

[51] **Int.Cl. G01M 15/00 (2006.01) F01D 11/02 (2006.01) F02B 77/08 (2006.01) F02C 7/00 (2006.01) G05B 23/02 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR DETECTING RUB IN A TURBOMACHINE**

[54] **METHODE ET APPAREIL DE DETECTION DE FROTTEMENT DANS UNE TURBOMACHINE**

[72] KANT, ABHAY SUDHAKARRAO, IN

[72] BADAMI, VIVEK VENUGOPAL, US

[72] TOTH, JOSEPH ROBERT, US

[72] GIANNAKOPOULOS, NICHOLAS, US

[72] DIMOND, MARK M., US

[72] KUMAR, JITENDRA, US

[73] GENERAL ELECTRIC COMPANY, US

[86] (2487911)

[87] (2487911)

[22] 2004-11-18

[30] US (10/720,817) 2003-11-24

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[11] **2,488,754**  
[13] C

[51] **Int.Cl. A47G 27/02 (2006.01) D06N 7/00 (2006.01) E04F 15/02 (2006.01) E04F 15/10 (2006.01)**

[25] EN

[54] **ORTHOGONALLY AMBIGUOUS CARPET TILES HAVING CURVED ELEMENTS**

[54] **DALLES DE MOQUETTE POSSEDANT DES AMBIGUITES ORTHOGONALES, COMPRENANT DES ELEMENTS COURBES**

[72] OAKEY, DAVID D., US

[72] DANIEL, SYDNEY D., US

[73] INTERFACE, INC., US

[85] 2004-12-07

[86] 2003-06-05 (PCT/US2003/017864)

[87] (WO2003/103943)

[30] US (10/165,842) 2002-06-07

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[11] **2,490,700**  
[13] C

[51] **Int.Cl. C22C 38/14 (2006.01) B21C 37/08 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/12 (2006.01) C21D 8/10 (2006.01)**

[25] EN

[54] **OIL COUNTRY TUBULAR GOODS EXCELLENT IN COLLAPSE CHARACTERISTICS AFTER EXPANSION AND METHOD OF PRODUCTION THEREOF**

[54] **PRODUITS TUBULAIRES DE L'INDUSTRIE PETROLIERE, POSSEDANT D'EXCELLENTE CARACTERISTIQUES A L'ECRASUREMENT APRES DILATATION DU TUBE ET PROCEDE DE FABRICATION CONNEXE**

[72] ASAHI, HITOSHI, JP

[72] TSURU, EIJI, JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2004-12-16

[86] 2003-06-12 (PCT/JP2003/007503)

[87] (WO2004/001076)

[30] JP (2002-178770) 2002-06-19

[30] JP (2003-130472) 2003-05-08

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[11] **2,499,688**  
[13] C

[51] **Int.Cl. G06F 9/44 (2006.01) G06F 9/455 (2006.01) G06F 12/14 (2006.01)**

[25] EN

[54] **A METHOD AND SYSTEM FOR ENFORCING A SECURITY POLICY VIA A SECURITY VIRTUAL MACHINE**

[54] **METHODE ET SYSTEME D'APPLICATION D'UNE POLITIQUE DE SECURITE AU MOYEN D'UNE MACHINE VIRTUELLE DE SECURITE**

[72] BAKER, ARTHUR H., US

[73] MICROSOFT CORPORATION, US

[86] (2499688)

[87] (2499688)

[22] 2005-03-07

[30] US (10/832,798) 2004-04-27

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[11] **2,505,325**  
[13] C

[51] **Int.Cl. C07K 16/18 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01) C07K 16/36 (2006.01) C07K 16/40 (2006.01) C07K 16/42 (2006.01)**

[25] EN

[54] **STABILIZED SINGLE DOMAIN ANTIBODIES**

[54] **ANTICORPS A DOMAINE UNIQUE STABILISES**

[72] SILENCE, KAREN, BE

[72] LAUWEREYS, MARC, BE

[72] DREIER, TORSTEN, DE

[73] ABLYNX N.V., BE

[85] 2005-05-06

[86] 2003-11-07 (PCT/BE2003/000193)

[87] (WO2004/041865)

[30] US (60/425,073) 2002-11-08

[30] US (60/425,063) 2002-11-08

[30] EP (03447005.4) 2003-01-10

[30] EP (PCT/EP03/06581) 2003-06-23

[30] EP (PCT/EP03/07313) 2003-07-08

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[11] **2,506,654**  
[13] C

[51] **Int.Cl. C12N 15/09 (2006.01) C12Q 1/68 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01) G01N 33/566 (2006.01) G01N 33/58 (2006.01)**

[25] EN

[54] **METHOD OF DETECTING GENE MUTATION**

[54] **PROCEDE DE DETECTION DE MUTATION GENETIQUE**

[72] MATSUBARA, YOICHI, JP

[72] KURE, SHIGEO, JP

[73] MATSUBARA, YOICHI, JP

[73] KURE, SHIGEO, JP

[73] DAIICHI PURE CHEMICALS CO., LTD., JP

[85] 2005-05-06

[86] 2003-11-07 (PCT/JP2003/014204)

[87] (WO2004/042057)

[30] JP (2002-323419) 2002-11-07

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[11] **2,507,482**  
[13] C

[51] **Int.Cl. A01N 27/00 (2006.01) A01N 25/04 (2006.01) A01N 25/30 (2006.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01) A01P 13/00 (2006.01)**

[25] EN

[54] **SPRAY OIL AND METHOD OF USE THEREOF FOR CONTROLLING TURFGRASS PESTS**

[54] **HUILE POUR PULVERISATION ET SON UTILISATION POUR LA LUTTE ANTIPARASITAIRE DANS L'HERBE A GAZON**

[72] FEFER, MICHAEL, CA

[73] SUNCOR ENERGY INC., CA

[86] (2507482)

[87] (2507482)

[22] 2005-05-16

[30] US (60/572,544) 2004-05-18

[30] CA (2,472,806) 2004-06-30

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[11] **2,507,936**  
[13] C

[51] **Int.Cl. C07K 7/06 (2006.01) A61K 38/05 (2006.01) A61K 38/06 (2006.01) A61K 38/08 (2006.01) C07K 1/22 (2006.01) C07K 5/06 (2006.01) C07K 5/08 (2006.01) C07K 14/47 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01) G01N 33/569 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **PRION PROTEIN LIGANDS AND METHODS OF USE**

[54] **LIGANDS DE PROTEINE PRION ET PROCEDES D'UTILISATION**

[72] HAMMOND, DAVID J., US

[72] LATHROP, JULIA T., US

[72] CERVENAKOVA, LARISA, US

[72] CARBONELL, RUBEN G., US

[73] NORTH CAROLINA STATE UNIVERSITY, US

[73] PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC., US

[85] 2005-05-30

[86] 2003-12-03 (PCT/US2003/038343)

[87] (WO2004/050851)

[30] US (60/430,423) 2002-12-03

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[11] **2,508,916**  
[13] C

[51] **Int.Cl. A61L 27/34 (2006.01) G02B 1/04 (2006.01)**

[25] EN

[54] **BIOMEDICAL DEVICES WITH HYDROPHILIC COATINGS**

[54] **DISPOSITIFS BIOMEDICAUX A REVETEMENTS HYDROPHILES**

[72] ZANINI, DIANA, US

[72] HEPTING, JOSEPH R., US

[73] JOHNSON & JOHNSON VISION CARE, INC., US

[85] 2005-06-15

[86] 2003-12-18 (PCT/US2003/040649)

[87] (WO2004/056406)

[30] US (10/325,231) 2002-12-19

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[11] **2,509,728**  
[13] C

[51] **Int.Cl. A61B 19/04 (2006.01) A41D 19/00 (2006.01) A61L 31/00 (2006.01)**

[25] EN

[54] **BREATHABLE ELASTOMERIC GLOVE**

[54] **GANT ELASTOMERE RESPIRANT**

[72] SOERENS, DAVE A., US

[72] TRIEBES, THOMAS GREGORY, US

[72] LITTLETON, KERMIT R., US

[73] KIMBERLY-CLARK WORLDWIDE, INC., US

[85] 2005-06-15

[86] 2003-09-26 (PCT/US2003/030277)

[87] (WO2004/060179)

[30] US (10/334,124) 2002-12-30

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[11] **2,510,128**  
[13] C

[51] **Int.Cl. A61K 31/132 (2006.01) A61K 31/13 (2006.01) A61P 25/28 (2006.01) C07C 211/13 (2006.01) C07C 211/14 (2006.01) C07C 211/38 (2006.01) C07C 323/25 (2006.01) C07D 295/13 (2006.01) C07F 9/50 (2006.01)**

[25] EN

[54] **COMPOSITION, SYNTHESIS AND THERAPEUTIC APPLICATIONS OF POLYAMINES**

[54] **COMPOSITION, SYNTHESE ET APPLICATIONS THERAPEUTIQUES DE POLYAMINES**

[72] MURPHY, MICHAEL A., US

[73] MURPHY, MICHAEL A., US

[85] 2005-06-14

[86] 2002-12-18 (PCT/US2002/040732)

[87] (WO2003/051348)

[30] US (10/017,235) 2001-12-18

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[11] **2,511,862**  
[13] C

[51] **Int.Cl. B64C 1/18 (2006.01)**

[25] EN

[54] **FLOOR FOR AIRCRAFT**

[54] **PLANCHER POUR AERONEF**

[72] VETILLARD, ALBAN, FR

[72] PARRO, EMMANUEL, FR

[72] LECLERC, FREDERIC, FR

[73] AIRBUS OPERATIONS SAS, FR

[86] (2511862)

[87] (2511862)

[22] 2005-07-05

[30] FR (04 07627) 2004-07-08

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[11] **2,513,117**  
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) C40B 30/04 (2006.01)**

[25] EN

[54] **GENE EXPRESSION MARKERS FOR BREAST CANCER PROGNOSIS**

[54] **MARQUEURS D'EXPRESSION GENIQUE POUR LE PRONOSTIC DU CANCER DU SEIN**

[72] COBLEIGH, MELODY A., US

[72] SHAK, STEVE, US

[72] BAKER, JOFFRE B., US

[72] CRONIN, MAUREEN T., US

[73] GENOMIC HEALTH, INC., US

[85] 2005-07-12

[86] 2004-01-14 (PCT/US2004/000985)

[87] (WO2004/065583)

[30] US (60/440,861) 2003-01-15

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[11] **2,518,080**  
[13] C

[51] **Int.Cl. B64C 3/48 (2006.01) B63B 1/24 (2006.01) B63B 39/06 (2006.01) B63H 25/38 (2006.01) B64C 27/615 (2006.01)**

[25] EN

[54] **ADAPTIVE COMPLIANT WING AND ROTOR SYSTEM**

[54] **SYSTEME D'AILE ET DE ROTOR ELASTIQUE ET ADAPTIF**

[72] KOTA, SRIDHAR, US

[72] HETRICK, JOEL A., US

[73] FLEXSYS, INC., US

[85] 2005-09-02

[86] 2004-03-03 (PCT/US2004/006876)

[87] (WO2004/108525)

[30] US (60/451,812) 2003-03-03

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[11] **2,518,162**  
[13] C

[51] **Int.Cl. A61G 7/012 (2006.01) A61G 7/05 (2006.01)**

[25] EN

[54] **STEERABLE ULTRA-LOW PATIENT BED**

[54] **LIT DE PATIENT ULTRA-BAS MANIABLE**

[72] ROUSSY, DONALD, CA

[72] ROUSSY, RICHARD BRIAN, CA

[72] ROUSSY, GEORGE JOSEPH, CA

[73] CHG HOSPITAL BEDS INC., CA

[85] 2005-09-06

[86] 2004-03-10 (PCT/CA2004/000356)

[87] (WO2004/080363)

[30] US (60/453,210) 2003-03-11

[30] US (60/477,329) 2003-06-11

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[11] **2,525,061**  
[13] C

[51] **Int.Cl. C23C 14/34 (2006.01) C23C 14/06 (2006.01) G02B 1/10 (2006.01) G02B 1/12 (2006.01)**

[25] EN

[54] **PROCESS FOR APPLYING IN PARTICULAR OPTICAL COATINGS**

[54] **PROCEDE D'APPLICATION A DES COUCHES OPTIQUES PARTICULIERES**

[72] BREME, FRANK, CH

[73] SATISLOH AG, CH

[86] (2525061)

[87] (2525061)

[22] 2005-11-02

[30] EP (04 026 247.9) 2004-11-05

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[11] **2,527,476**  
[13] C

[51] **Int.Cl. G06F 3/041 (2006.01)**

[25] EN

[54] **REDUCING ACCIDENTAL TOUCH-SENSITIVE DEVICE ACTIVATION**

[54] **REDUCTION DE L'ACTIVATION ACCIDENTELLE DE DISPOSITIF TACTILE**

[72] KOLMYKOV-ZOTOV, ALEXANDER J., US

[72] RIMAS-RIBIKAUSKAS, EMILY K., US

[72] KEELY, LEROY B., US

[72] LERNER, MATT, US

[72] TOWNSEND, REED, US

[72] DODGE, STEVEN P., US

[73] MICROSOFT CORPORATION, US

[86] (2527476)

[87] (2527476)

[22] 2005-11-22

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[51] **Int.Cl. G01J 3/32 (2006.01) G01J 1/42 (2006.01) G01J 3/02 (2006.01)**

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[54] **A PROCESS PHOTOMETER**

[54] **PHOTOMETRE INDUSTRIEL**

[72] HUNT, ROBERT N., US

[72] KHETTRY, ATUL, US

[72] VILA, MATTHEW R., US

[73] BAYER MATERIALSCIENCE LLC, US

[86] (2529823)

[87] (2529823)

[22] 2005-12-13

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[11] **2,530,974**  
[13] C

[51] **Int.Cl. B01J 19/10 (2006.01) C10G 33/02 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR CONDITIONING AND DEGASSING LIQUIDS AND GASES IN SUSPENSION**

[54] **METHODES ET APPAREIL POUR CONDITIONNER ET DEGAZER DES LIQUIDES ET DES GAZ EN SUSPENSION**

[72] HADFIELD, DAVID, GB

[72] SINKER, ALASTAIR, GB

[72] SMYTH, IAN CHARLES, GB

[73] CYCLOTECH LIMITED, GB

[86] (2530974)

[87] (2530974)

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[51] **Int.Cl. H01R 13/52 (2006.01) H01R 4/66 (2006.01)**

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[54] **ELECTRICAL CABLE CONNECTOR WITH GROUNDING INSERT**

[54] **CONNECTEUR DE CABLE ELECTRIQUE AVEC PIECE RAPPORTEE DE MISE A LA TERRE**

[72] KAUTH, DONALD A., US

[73] REMKE INDUSTRIES, INC., US

[86] (2531670)

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[30] US (60/639,924) 2004-12-29

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[51] **Int.Cl. G01V 9/00 (2006.01) E21B 49/08 (2006.01) G01V 8/10 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHODS OF DERIVING FLUID PROPERTIES OF DOWNHOLE FLUIDS AND UNCERTAINTY THEREOF**  
[54] **SYSTEME ET METHODES DE DERIVATION DES PROPRIETES DE FLUIDES DE FOND DE TROU ET INCERTITUDE CONNEXE**  
[72] VENKATARAMANAN, LALITHA, US  
[72] FUJISAWA, GO, JP  
[72] RAGHURAMAN, BHAVANI, US  
[72] MULLINS, OLIVER C., US  
[72] VASQUES, RICARDO, US  
[72] DONG, CHENGLI, US  
[72] HSU, KAI, US  
[72] O'KEEFE, MICHAEL, NO  
[72] VALERO, HENRI-PIERRE, US  
[72] CARNEGIE, ANDREW, AE  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[86] (2532436)  
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[51] **Int.Cl. C07K 14/66 (2006.01) A61K 38/04 (2006.01) C07K 7/06 (2006.01)**  
[25] FR  
[54] **NOVEL PEPTIDIC CONJUGATES FOR ALOPECIA PREVENTIVE AND CURATIVE TREATMENT**  
[54] **NOUVEAUX CONJUGUES PEPTIDIQUES UTILES DANS LE TRAITEMENT PREVENTIF ET CURATIF DE L'ALOPECIE**  
[72] PINEL, ANNE-MARIE, FR  
[72] HOCQUAUX, MICHEL, FR  
[73] INSTITUT EUROPEEN DE BIOLOGIE CELLULAIRE, FR  
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[25] EN  
[54] **4'-THIONUCLEOSIDES AND OLIGOMERIC COMPOUNDS**  
[54] **4'-THIONUCLEOSIDES ET COMPOSES D'OLIGOMERES**  
[72] BHAT, BALKRISHEN, US  
[72] DANDE, PRASAD, US  
[72] PRAKASH, THAZHA P., US  
[72] ALLERSON, CHARLES, US  
[72] SWAYZE, ERIC E., US  
[72] GRIFFEY, RICHARD H., US  
[73] ISIS PHARMACEUTICALS, INC., US  
[85] 2006-03-07  
[86] 2004-09-20 (PCT/US2004/030874)  
[87] (WO2005/027962)  
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[25] EN  
[54] **METHOD AND APPARATUS FOR EMBEDDING MOTOR ERROR PARAMETER DATA IN A DRIVE MOTOR OF A POWER DRIVEN WHEELCHAIR**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'INSERER DES DONNEES DE PARAMETRE D'ERREUR D'UN MOTEUR D'ENTRAINEMENT D'UN FAUTEUIL ROULANT MOTORISE**  
[72] WAKEFILED, THEODORE D., II, US  
[72] STROTHMANN, THOMAS, DE  
[72] CURRAN, NEAL JOSEPH, US  
[73] INVACARE CORPORATION, US  
[85] 2006-03-28  
[86] 2004-09-16 (PCT/US2004/030393)  
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[25] EN  
[54] **MEDICAL INSTRUMENT WITH A MECHANICAL COUPLING**  
[54] **INSTRUMENT MEDICAL AVEC UN RACCORD MECANIQUE**  
[72] MESSERLY, JEFFREY D., US  
[72] JAMISON, BARRY T., US  
[72] SMOLIK, STEVEN P., US  
[73] ETHICON ENDO-SURGERY, INC., US  
[86] (2541306)  
[87] (2541306)  
[22] 2006-03-27  
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[25] EN  
[54] **MICROPARTICLES COMPRISING SOMATOSTATIN ANALOGUES**  
[54] **COMPOSITION PHARMACEUTIQUE**  
[72] AHLHEIM, MARKUS, DE  
[72] AUSBORN, MICHAEL, DE  
[72] LAMBERT, OLIVIER, FR  
[72] RIEMENSCHNITTER, MARC, DE  
[73] NOVARTIS AG, CH  
[85] 2006-04-06  
[86] 2004-11-12 (PCT/EP2004/012870)  
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[30] GB (0326602.0) 2003-11-14  
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[13] C

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[25] EN  
[54] **FISH PROTEIN HYDROLYZATE**  
[54] **HYDROLYSAT PROTEIQUE DE POISSON**  
[72] BERGE, ROLF, NO  
[73] ATLANTIC GARDEN AS, NO  
[85] 2006-01-04  
[86] 2004-07-02 (PCT/NO2004/000202)  
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[25] EN  
[54] **ANTAGONIST ANTI-CD40 MONOCLONAL ANTIBODIES AND METHODS FOR THEIR USE**  
[54] **ANTICORPS MONOCLONAUX ANTI-CD40 ANTAGONISTES ET PROCEDES D'UTILISATION ASSOCIES**  
[72] LONG, LI, US  
[72] LUQMAN, MOHAMMAD, US  
[72] YABANNAVAR, ASHA, US  
[72] ZAROR, ISABEL, US  
[72] CHEN, BAO-LU, US  
[72] LU, XIAOFENG, US  
[72] LEE, SANG HOON, US  
[72] HURST, DEBORAH, US  
[73] NOVARTIS VACCINES AND DIAGNOSTICS, INC., US  
[85] 2006-05-02  
[86] 2004-11-04 (PCT/US2004/037152)  
[87] (WO2005/044854)  
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[51] **Int.Cl. C12P 7/64 (2006.01)**  
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[54] **PROCESS FOR CULTIVATING MICROORGANISMS OF THE GENUS THRAUSTOCHYTRIALES**  
[54] **PROCEDE POUR CULTIVER DES MICRO-ORGANISMES DE L'ORDRE DES THRAUSTOCHYTRIALES**  
[72] LUY, MARKUS, DE  
[72] RUSING, MATTHIAS, DE  
[73] NUTRINOVA NUTRITION SPECIALTIES & FOOD INGREDIENTS GMBH, DE  
[85] 2006-05-09  
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[51] **Int.Cl. D03D 11/00 (2006.01) D21F 1/10 (2006.01)**  
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[54] **INDUSTRIAL TWO-LAYER FABRIC**  
[54] **TISSU INDUSTRIEL A DEUX EPAISSEURS**  
[72] MURAKAMI, MASAKAZU, JP  
[72] UEDA, IKUO, JP  
[73] NIPPON FILCON CO., LTD., JP  
[86] (2547179)  
[87] (2547179)  
[22] 2006-05-16  
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[54] **ENERGY ABSORBING SYSTEM WITH SUPPORT**  
[54] **SYSTEME D'ABSORPTION D'ENERGIE AVEC SUPPORT**  
[72] GELFAND, MATTHEW A., US  
[73] FUTURENET SECURITY SOLUTIONS, LLC, US  
[85] 2006-06-01  
[86] 2004-11-29 (PCT/US2004/039846)  
[87] (WO2005/056335)  
[30] US (10/726,839) 2003-12-02

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[51] **Int.Cl. C12P 13/08 (2006.01) C12N 15/53 (2006.01)**  
[25] EN  
[54] **L-THREONINE PRODUCING BACTERIUM BELONGING TO THE GENUS ESCHERICHIA AND METHOD FOR PRODUCING L-THREONINE**  
[54] **BACTERIE PRODUCTRICE DE L-THREONINE APPARTENANT A L'ESPECE ESCHERICHIA ET PROCEDE DE PRODUCTION DE L-THREONINE**  
[72] AKHVERDIAN, VALERY ZAVENOVICH, RU  
[72] SAVRASOVA, EKATERINA ALEKSEEVNA, RU  
[72] KAPLAN, ALLA MARKOVNA, RU  
[72] LOBANOV, ANDREY OLEGOVICH, RU  
[72] KOZLOV, YURI IVANOVICH, RU  
[73] AJINOMOTO CO., INC., JP  
[85] 2006-06-02  
[86] 2004-12-03 (PCT/JP2004/018436)  
[87] (WO2005/054490)  
[30] RU (2003135292) 2003-12-05  
[30] US (60/586,222) 2004-07-09

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[51] **Int.Cl. F16M 11/12 (2006.01) F21V 21/14 (2006.01) G09F 13/04 (2006.01)**  
[25] EN  
[54] **ARTICLE SUPPORT DEVICE**  
[54] **SUPPORT D'APPAREIL D'ECLAIRAGE**  
[72] KATZ, ROBERT, CA  
[72] DUCHESNE, SYLVAIN, CA  
[72] COSTELLO, DANIEL, CA  
[73] CANLYTE INC., CA  
[86] (2549780)  
[87] (2549780)  
[22] 2006-06-07  
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[25] EN  
[54] **MEDICATION SAFETY ENHANCEMENT FOR SECONDARY INFUSION**  
[54] **AMELIORATION DE SECURITE DE MEDICATION POUR PERFUSION SECONDAIRE**  
[72] VANDERVEEN, TIMOTHY W., US  
[72] BUTTERFIELD, ROBERT D., US  
[73] CAREFUSION 303, INC., US  
[85] 2006-06-27  
[86] 2004-12-31 (PCT/US2004/043905)  
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[51] **Int.Cl. C08F 4/6592 (2006.01) C08F 210/02 (2006.01) C08F 210/16 (2006.01)**  
[25] EN  
[54] **CATALYST COMPOSITIONS AND POLYOLEFINS FOR EXTRUSION COATING APPLICATIONS**  
[54] **COMPOSITIONS DE CATALYSEURS ET POLYOLEFINES DESTINEES A DES APPLICATIONS DE REVETEMENT PAR EXTRUSION**  
[72] JENSEN, MICHAEL D., US  
[72] MCDANIEL, MAX P., US  
[72] MARTIN, JOEL L., US  
[72] BENHAM, ELIZABETH A., US  
[72] MUNINGER, RANDY, US  
[72] JERDEE, GARY, US  
[72] SUKHADIA, ASHISH M., US  
[72] YANG, QING, US  
[72] THORN, MATTHEW, US  
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US  
[85] 2006-07-06  
[86] 2005-01-06 (PCT/US2005/000278)  
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[25] EN  
[54] **PREPARATION OF FIBROBLAST-POPULATED CONNECTIVE TISSUE SUBSTITUTE**  
[54] **PREPARATION DE SUBSTITUT DE TISSU CONJONCTIF PEUPLE DE FIBROBLASTES**  
[72] GIBBS, SUSAN, NL  
[72] DE BOER, EDITH MARGARETHA, NL  
[72] KIRTSCHIG, GUDULA, NL  
[72] SCHEPER, RIEKELD JOHANNES, NL  
[72] BRUYNZEEL, DERK PIETER, NL  
[73] VERENIGING VOOR CHRISTELIJK HOGER ONDERWIJS, WETENSCHAPPELIJK ONDERZOEK EN PATIENTENZORG, NL  
[85] 2006-07-13  
[86] 2005-01-14 (PCT/NL2005/000026)  
[87] (WO2005/068614)  
[30] NL (PCT/NL2004/00039) 2004-01-16

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[13] C

[51] **Int.Cl. A61J 15/00 (2006.01) A61M 25/04 (2006.01)**  
[25] EN  
[54] **ELECTROACTIVE POLYMER-BASED PERCUTANEOUS ENDOSCOPIC GASTROSTOMY TUBE AND METHODS OF USE**  
[54] **TUBE DE GASTROSTOMIE PERCUTANEE ENDOSCOPIQUE EN POLYMERE ELECTROACTIF ET METHODES D'UTILISATION**  
[72] ORTIZ, MARK S., US  
[72] FREEMAN, LYNETTA, US  
[73] ETHICON ENDO-SURGERY INC., US  
[86] (2554356)  
[87] (2554356)  
[22] 2006-07-27  
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[13] C

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[54] **STAPLE CARTRIDGES FOR FORMING STAPLES HAVING DIFFERING FORMED STAPLE HEIGHTS**  
[54] **CARTOUCHES A AGRAFES FORMANT DES AGRAFES DE DIFFERENTES HAUTEURS**  
[72] SHELTON, FREDERICK E., IV, US  
[73] ETHICON ENDO-SURGERY, INC., US  
[86] (2557026)  
[87] (2557026)  
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[13] C

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[25] EN  
[54] **AN APPARATUS FOR TRANSFERRING TORQUE MAGNETICALLY**  
[54] **APPAREIL POUR UN TRANSFERT MAGNETIQUE DU COUPLE**  
[72] CORBIN, PHILIP, III, US  
[72] DAHLIN, ROBERT L., US  
[72] MOLNAR, JOHN A., US  
[72] RUSCONI, JOHN B., US  
[72] STRONG, WALTER F., US  
[73] FLUX DRIVE, INC., CA  
[85] 2006-08-30  
[86] 2005-02-26 (PCT/US2005/006179)  
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[13] C

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[25] EN  
[54] **MAGNETOHYDRODYNAMIC (MHD) ACTUATOR SENSOR**  
[54] **CAPTEUR-ACTIONNEUR MAGNETOHYDRODYNAMIQUE (MHD)**  
[72] LAUGHLIN, DARREN R., US  
[73] A-TECH CORPORATION, US  
[86] (2561679)  
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[30] US (11/239,283) 2005-09-30

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[13] C

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[25] EN  
[54] **PARTIAL FAT REPLACEMENT IN FLAT BREAD**  
[54] **REPLACEMENT PARTIEL DU GRAS DANS DU PAIN PLAT**  
[72] MCPHERSON, ANDREW E., US  
[72] BRISKE, LAURA, US  
[73] KRAFT FOODS GROUP BRANDS LLC, US  
[86] (2562555)  
[87] (2562555)  
[22] 2006-10-04  
[30] US (11/252,100) 2005-10-17

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[13] C

[51] **Int.Cl. A61C 8/00 (2006.01)**  
[25] EN  
[54] **INTERNAL CONNECTION DENTAL IMPLANT**  
[54] **IMPLANT DENTAIRE A CONNEXION INTERNE**  
[72] CARTER, ROBERT D., US  
[73] KEYSTONE DENTAL, INC., US  
[85] 2006-09-08  
[86] 2005-06-23 (PCT/US2005/022403)  
[87] (WO2006/012273)  
[30] US (10/879,824) 2004-06-29

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[13] C

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[25] EN  
[54] **METHOD OF FORMING DISULFIDE CROSSLINK IN IN VITRO PROTEIN SYNTHESIS**  
[54] **METHODE POUR LA PRODUCTION DE PONTS DISULFURES LORS DE LA SYNTHESE IN VITRO DE PROTEINES**  
[72] KUWATA, HIDEFUMI, JP  
[73] BIOCOMBER CO., LTD., JP  
[85] 2006-10-27  
[86] 2005-04-28 (PCT/JP2005/008571)  
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[30] JP (2004-136520) 2004-04-30

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[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **METHOD OF DETECTING AND PREDICTING BRONCHODILATORY RESPONSE TO BETA AGONIST**  
[54] **PROCEDE DE DETECTION ET DE PREVISION DE REPOSE BRONCHODILATOIRE A UN BETA-AGONISTE**  
[72] KUKRETI, RITUSHREE, IN  
[72] BHATNAGAR, PALLAV, IN  
[72] RAO, CHANDRIKA, IN  
[72] GHOSH, BALRAM, IN  
[72] BRAHMACHARI, SAMIR KUMAR, IN  
[72] GULERIA, RANDEEP, IN  
[72] DAS, CHINMOYEE, IN  
[73] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN  
[73] PIRAMAL LIFE SCIENCES LIMITED, IN  
[85] 2006-10-30  
[86] 2004-04-29 (PCT/IB2004/001286)  
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[13] C

[51] **Int.Cl. B60R 7/06 (2006.01) B60H 1/32 (2006.01)**  
[25] EN  
[54] **COOLED INSTRUMENT PANEL COMPARTMENT FOR A VEHICLE**  
[54] **COMPARTIMENT DE TABLEAU DE BORD FRIGORIFIE POUR VEHICULE**  
[72] KUKUCKA, RICHARD, US  
[72] OZARK, L. JOHN, JR., US  
[72] JEZUIT, JOHN, US  
[72] MARGINEAN, CALIN, US  
[72] DUBIEL, ROBERT, US  
[72] GODSHALL, JEFFREY I., US  
[72] NAGODE, RYAN C., US  
[73] CHRYSLER GROUP LLC, US  
[86] (2565212)  
[87] (2565212)  
[22] 2006-10-23  
[30] US (11/267,690) 2005-11-04

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[11] **2,565,920**  
[13] C

[51] **Int.Cl. B65D 43/16 (2006.01)**  
[25] EN  
[54] **CONTAINER FOR SURPRISE GIFTS PRODUCED IN ONE PIECE**  
[54] **CONTENEUR DESTINE A DES CADEAUX SURPRISE PRODUIT EN UNE SEULE PIECE**  
[72] SALICE, GIUSEPPE, BE  
[73] MAGIC PRODUCTION GROUP (M.P.G.) S.A., LU  
[85] 2006-11-06  
[86] 2005-05-17 (PCT/EP2005/052253)  
[87] (WO2005/110880)  
[30] EP (04011710.3) 2004-05-18

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[13] C

[51] **Int.Cl. A63F 3/06 (2006.01)**  
[25] EN  
[54] **LOTTERY TICKET BAR CODE**  
[54] **CODE A BARRES POUR BILLET DE LOTERIE**  
[72] BEHM, WILLIAM E., US  
[72] FINNERTY, FRED, US  
[73] SCIENTIFIC GAMES HOLDINGS LIMITED, IE  
[86] (2566152)  
[87] (2566152)  
[22] 2002-10-30  
[62] 2,410,150  
[30] US (60/350,216) 2001-11-02  
[30] US (10/278,892) 2002-10-24

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[13] C

[51] **Int.Cl. G02C 7/04 (2006.01)**  
[25] EN  
[54] **TINTED CONTACT LENSES WITH COMBINED LIMBAL RING AND IRIS PATTERNS**  
[54] **LENTILLES DE CONTACT TEINTEES COMPORTANT DES MOTIFS COMBINES D'ANNEAU LIMBIQUE ET D'IRIS**  
[72] DUKES, JERRY W., US  
[72] BOWERS, ANGIE L., US  
[72] MCCARTHY, KARIN D., US  
[73] JOHNSON & JOHNSON VISION CARE, INC., US  
[85] 2006-11-10  
[86] 2005-05-10 (PCT/US2005/016308)  
[87] (WO2005/112579)  
[30] US (10/843,954) 2004-05-12

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[11] **2,570,930**  
[13] C

[51] **Int.Cl. B32B 21/08 (2006.01) B32B 5/12 (2006.01) B32B 7/12 (2006.01) B32B 21/14 (2006.01) B32B 27/04 (2006.01) B44C 5/04 (2006.01)**

[25] EN

[54] **FABRIC REINFORCED MULTI-PLY PLYWOOD PANEL**

[54] **CONTREPLAQUE MULTI-PLI RENFORCE PAR DES TISSUS**

[72] IDESTRUP, PEER FALKO, CA

[73] IDESTRUP, PEER FALKO, CA

[86] (2570930)

[87] (2570930)

[22] 2006-12-12

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[11] **2,571,630**  
[13] C

[51] **Int.Cl. E06B 9/266 (2006.01) A47H 23/02 (2006.01) D06J 1/02 (2006.01) E06B 9/26 (2006.01) E06B 9/262 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR MAKING A WINDOW COVERING HAVING OPERABLE VANES**

[54] **DISPOSITIF ET PROCÉDE PERMETTANT DE REALISER UN COUVRE-FENETRE DOTE DE DEFLECTEURS MOBILES**

[72] COLSON, WENDELL B., US

[72] FOGARTY, DANIEL M., US

[72] DANN, KEVIN M., US

[72] HARTMAN, DAVID P., US

[72] KOVACH, JOSEPH E., US

[73] HUNTER DOUGLAS INC., US

[85] 2006-12-19

[86] 2005-08-19 (PCT/US2005/029593)

[87] (WO2006/023751)

[30] US (60/603,375) 2004-08-20

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[11] **2,571,900**  
[13] C

[51] **Int.Cl. F01D 9/02 (2006.01) B23P 6/00 (2006.01) F01D 5/12 (2006.01)**

[25] EN

[54] **METHOD FOR REPAIRING A TURBINE ENGINE VANE ASSEMBLY AND REPAIRED ASSEMBLY**

[54] **METHODE DE REPARATION DES AUBES DE TURBINE ET ENSEMBLE REPARÉ**

[72] DASILVA, PAUL A., US

[72] SIEBERT, TIMOTHY LEE, US

[72] FORD, GREGORY MATTHEW, US

[73] GENERAL ELECTRIC COMPANY, US

[86] (2571900)

[87] (2571900)

[22] 2006-12-21

[30] US (11/315,553) 2005-12-22

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[11] **2,573,034**  
[13] C

[51] **Int.Cl. F16F 15/32 (2006.01) F01D 5/02 (2006.01) F01D 5/10 (2006.01)**

[25] FR

[54] **BALANCE WEIGHT, ROTOR DISK THUS EQUIPPED, ROTOR AND AIRCRAFT ENGINE COMPRISING THEM**

[54] **MASSELOTTE D'EQUILIBRAGE DISQUE DE ROTOR EN ETANT EQUIPE, ROTOR ET MOTEUR D'AERONEF LES COMPORTANT**

[72] DEZOUICHE, LAURENT GILLES, FR

[73] SNECMA, FR

[86] (2573034)

[87] (2573034)

[22] 2007-01-08

[30] FR (06 50125) 2006-01-13

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[11] **2,574,230**  
[13] C

[51] **Int.Cl. H01L 23/427 (2006.01) F28D 15/02 (2006.01) H05K 7/20 (2006.01)**

[25] EN

[54] **HEAT PIPE HEAT SINK**

[54] **PUITS DE CHALEUR DE TYPE TUYAU DE CHAUFFAGE**

[72] UENO, SEIZO, JP

[72] EDA, YOSHIYA, JP

[72] NAGAMATSU, SHINYA, JP

[73] FURUKAWA-SKY ALUMINUM CORP., JP

[85] 2007-01-16

[86] 2005-07-15 (PCT/JP2005/013527)

[87] (WO2006/009267)

[30] JP (2004-212127) 2004-07-20

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[11] **2,574,415**  
[13] C

[51] **Int.Cl. A01G 3/06 (2006.01)**

[25] EN

[54] **ROTARY HEAD FOR GARDEN TRIMMERS, OF THE TYPE COMPRISING PIVOTED CUTTER MEANS**

[54] **TETE ROTATIVE POUR COUPE-BORDURES, DU TYPE COMPRENANT DES MOYENS DE COUPE PIVOTANTS**

[72] GUERRA, LAURO, IT

[73] GUERRA, LAURO, IT

[86] (2574415)

[87] (2574415)

[22] 2007-01-19

[30] IT (MI2006A 000189) 2006-02-03

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[11] **2,575,645**  
[13] C

[51] **Int.Cl. C07D 241/32 (2006.01) A61K 31/4965 (2006.01) A61K 31/497 (2006.01)**

[25] EN

[54] **SOLUBLE AMIDE & ESTER PYRAZINOYLGUANIDINE SODIUM CHANNEL BLOCKERS**

[54] **BLOQUEURS DU CANAL SODIQUE A BASE D'AMIDE SOLUBLE ET D'ESTER DE PYRAZINOYLGUANIDINE**

[72] JOHNSON, MICHAEL R., US

[73] PARION SCIENCES, INC., US

[85] 2007-01-31

[86] 2005-05-20 (PCT/US2005/017740)

[87] (WO2006/022935)

[30] US (10/920,391) 2004-08-18

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[11] **2,575,926**  
[13] C

[51] **Int.Cl. C12N 15/85 (2006.01) A61K 38/25 (2006.01) A61K 48/00 (2006.01) C07K 14/60 (2006.01) C12N 15/16 (2006.01)**

[25] EN

[54] **CANINE SPECIFIC GROWTH HORMONE RELEASING HORMONE**

[54] **HORMONE LIBERANT UNE HORMONE DE CROISSANCE SPECIFIQUE DU CHIEN**

[72] DRAGHIA-AKLI, RUXANDRA, US

[73] ADVISYS, INC., US

[85] 2007-02-02

[86] 2004-07-20 (PCT/US2004/023393)

[87] (WO2005/016964)

[30] US (60/492,427) 2003-08-04

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[11] **2,576,518**  
[13] C

[51] **Int.Cl. B64D 27/26 (2006.01)**  
[25] EN  
[54] **ENGINE ASSEMBLY FOR AIRCRAFT**  
[54] **ENSEMBLE MOTEUR POUR AERONEF**  
[72] DIOCHON, LIONEL, FR  
[72] SEGUIN, GUILLAUME, FR  
[73] AIRBUS OPERATIONS SAS, FR  
[85] 2007-02-02  
[86] 2005-08-01 (PCT/FR2005/050637)  
[87] (WO2006/021721)  
[30] FR (0451784) 2004-08-04

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[11] **2,576,694**  
[13] C

[51] **Int.Cl. F02K 1/40 (2006.01) F02K 1/44 (2006.01)**  
[25] FR  
[54] **BYPASS ENGINE EJECTION SYSTEM**  
[54] **SYSTEME D'EJECTION D'UN TURBOREACTEUR A DOUBLE FLUX**  
[72] BIGOT, PASCAL MOISE MICHEL, FR  
[72] CHANEZ, PHILIPPE GERARD, FR  
[73] SNECMA, FR  
[86] (2576694)  
[87] (2576694)  
[22] 2007-01-25  
[30] FR (06 50295) 2006-01-27

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[11] **2,578,694**  
[13] C

[51] **Int.Cl. C08K 7/00 (2006.01) B01J 13/02 (2006.01) C08L 101/00 (2006.01) C09J 5/00 (2006.01) C09J 11/00 (2006.01) C09K 3/10 (2006.01)**  
[25] EN  
[54] **ENCAPSULATED CURE SYSTEMS**  
[54] **SYSTEMES THERAPEUTIQUES ENCAPSULES**  
[72] SCHWANTES, TODD ARLIN, US  
[72] KRZOSKA, MICHAEL CURLEY, US  
[72] KULIBERT, GREGORY STEPHEN, US  
[72] MALOFSKY, ADAM GREGG, US  
[72] MALOFSKY, BERNARD MILES, US  
[72] WARD, NAGIB MAURICE, US  
[73] APPLETON PAPERS INC., US  
[85] 2007-02-28  
[86] 2005-08-31 (PCT/US2005/030821)  
[87] (WO2006/028806)  
[30] US (60/606,720) 2004-09-01  
[30] US (60/665,134) 2005-03-25  
[30] US (60/692,008) 2005-06-17

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[11] **2,578,758**  
[13] C

[51] **Int.Cl. H01F 41/06 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR PRODUCING A COIL WINDING**  
[54] **PROCEDE ET DISPOSITIF POUR LA PRODUCTION D'UN ENROULEMENT DE BOBINE**  
[72] EDER, JOSEF, AT  
[72] GRISENTI, ALEXANDER, AT  
[73] COIL HOLDING GMBH, AT  
[85] 2007-03-01  
[86] 2005-08-24 (PCT/AT2005/000334)  
[87] (WO2006/024057)  
[30] AT (A 1477/2004) 2004-09-03

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[11] **2,578,989**  
[13] C

[51] **Int.Cl. F16K 11/08 (2006.01) A61M 39/22 (2006.01) F16K 5/08 (2006.01)**  
[25] EN  
[54] **STOPCOCK**  
[54] **ROBINET D'ARRET**  
[72] ZIV, DAVID, IL  
[72] GIL, TOMER, IL  
[73] ELCAM MEDICAL AGRICULTURAL COOPERATIVE ASSOCIATION LTD., IL  
[85] 2007-03-01  
[86] 2005-08-29 (PCT/IL2005/000925)  
[87] (WO2006/025054)  
[30] US (60/607,113) 2004-09-03  
[30] US (60/641,909) 2005-01-05

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[11] **2,579,483**  
[13] C

[51] **Int.Cl. G01B 11/06 (2006.01) G01B 11/08 (2006.01)**  
[25] EN  
[54] **METHOD FOR MEASURING THREE-DIMENSIONAL OBJECTS BY SINGLE-VIEW OPTICAL SHADOWGRAPHY, USING THE OPTICAL LAWS OF LIGHT PROPAGATION**  
[54] **METHODE DE MESURE D'OBJETS TRIDIMENSIONNELS PAR OMBROSCOPIE OPTIQUE A VUE UNIQUE, EN SE BASANT SUR LES LOIS D'OPTIQUE DE PROPAGATION DE LA LUMIERE**  
[72] JEANNOT, LAURENT, FR  
[72] LAMY, FRANCIS, FR  
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR  
[85] 2007-03-07  
[86] 2005-09-07 (PCT/FR2005/050716)  
[87] (WO2006/030149)  
[30] FR (0452018) 2004-09-10

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[11] **2,579,752**  
[13] C

[51] **Int.Cl. C12N 9/02 (2006.01) C12N 15/53 (2006.01) D06M 16/00 (2006.01)**  
[25] EN  
[54] **NOVEL LACCASE ENZYMES AND THEIR USES**  
[54] **NOUVELLES ENZYMES LACCASE ET LEURS UTILISATIONS**  
[72] PALOHEIMO, MARJA, FI  
[72] PURANEN, TERHI, FI  
[72] VALTAKARI, LEENA, FI  
[72] KRUUS, KRISTIINA, FI  
[72] KALLIO, JARNO, FI  
[72] MAENTYLAE, ARJA, FI  
[72] FAGERSTROEM, RICHARD, FI  
[72] OJAPALO, PENTTI, FI  
[72] VEHEMAANPERAE, JARI, FI  
[73] AB ENZYMES OY, FI  
[85] 2007-03-07  
[86] 2005-09-21 (PCT/FI2005/000398)  
[87] (WO2006/032724)  
[30] US (60/611,818) 2004-09-21  
[30] FI (20041221) 2004-09-21

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[11] **2,579,862**  
[13] C

[51] **Int.Cl. C02F 1/52 (2006.01)**  
[25] FR  
[54] **USE OF PARTLY PRE-HYDRATED LIME FOR SEPARATING A MIXTURE OF SOLID/LIQUID MATTERS, METHOD FOR TREATING SLUDGE AND PURIFIED SLUDGE OBTAINED BY SAID METHOD**

[54] **UTILISATION DE CHAUX PARTIELLEMENT PRE-HYDRATEE DANS LA SEPARATION D'UN MELANGE MATIERES SOLIDES/LIQUIDE, PROCEDE DE TRAITEMENT DES BOUES ET BOUES PURIFIEES OBTENUES SELON CE PROCEDE**

[72] GOMBART, MARC, FR  
[72] TILQUIN, JEAN-YVES, BE  
[72] BARTIAUX, STEPHANE, BE  
[73] SICAB-CARMEUSE FRANCE, FR  
[73] GOMBART, MARC, FR  
[85] 2007-03-08  
[86] 2005-09-06 (PCT/FR2005/002215)  
[87] (WO2006/030102)  
[30] FR (0409767) 2004-09-15

[11] **2,581,204**  
[13] C

[51] **Int.Cl. G01N 33/52 (2006.01)**  
[25] EN  
[54] **AMINOLEVULINIC ACID COMPOUNDS FOR DIAGNOSING TUMORS**

[54] **COMPOSES DE L'ACIDE AMINOLEVULINIQUE COMME AGENTS DIAGNOSTIQUES PERMETTANT DE DECELER LES TUMEURS**

[72] OKURA, ICHIRO, JP  
[72] KAMACHI, TOSHIKI, JP  
[72] OGURA, SHUNICHIRO, JP  
[72] ISHIZUKA, MASAHIRO, JP  
[72] TANAKA, TOHRU, JP  
[73] SBI PHARMACEUTICALS CO., LTD., JP  
[85] 2007-03-20  
[86] 2005-09-22 (PCT/JP2005/017520)  
[87] (WO2006/035678)  
[30] JP (2004-284078) 2004-09-29  
[30] JP (2005-232996) 2005-08-11

[11] **2,581,987**  
[13] C

[51] **Int.Cl. C07C 51/42 (2006.01) C07C 51/41 (2006.01) C08F 4/52 (2006.01) C08F 36/04 (2006.01) C08F 36/06 (2006.01) C07C 53/126 (2006.01)**

[25] EN  
[54] **PROCESS FOR THE PURIFICATION OF LANTHANIDE CARBOXYLATES**

[54] **METHODE DE PURIFICATION DE CARBOXYLATES DE LANTHANIDES**

[72] BIAGINI, PAOLO, IT  
[72] SALVALAGGIO, MARIO, IT  
[72] CAMBISI, FRANCO, IT  
[72] BONOLDI, LUCIA, IT  
[72] GILA, LILIANA, IT  
[73] POLIMERI EUROPA S.P.A, IT  
[86] (2581987)  
[87] (2581987)  
[22] 2007-03-16  
[30] IT (MI2006A 000619) 2006-03-31

[11] **2,582,925**  
[13] C

[51] **Int.Cl. C08F 265/06 (2006.01) A61K 6/083 (2006.01) C08L 51/00 (2006.01)**

[25] EN  
[54] **PRODUCTION OF ACRYLATE-BASED SOLID**

[54] **PRODUCTION DE MATIERE SOLIDE A BASE D'ACRYLATE**

[72] AHIR, VALLABHBHAI BHANABHAI, GB  
[73] MAKEVALE GROUP LTD., GB  
[85] 2007-03-29  
[86] 2005-11-03 (PCT/GB2005/004262)  
[87] (WO2006/048661)  
[30] GB (0424353.1) 2004-11-03  
[30] GB (0427576.4) 2004-12-16

[11] **2,583,322**  
[13] C

[51] **Int.Cl. C12P 41/00 (2006.01) C07C 227/18 (2006.01) C07C 229/34 (2006.01) C07B 53/00 (2006.01)**

[25] EN  
[54] **PROCESSES FOR PREPARING OPTICALLY ACTIVE (S OR R)-B-AMINO ACID AND OPTICALLY ACTIVE (R OR S)-B-AMINO ACID ESTER, AND B-AMINO ACID 2-ALKOXYETHYL ESTER AND OPTICALLY ACTIVE (S OR R)-B-AMINO ACID 2-ALKOXYETHYL ESTER**

[54] **PROCEDES DE PREPARATION D'ACIDE B-AMINE (S OU R) ET D'ESTER D'ACIDE B-AMINE (R OU S) OPTIQUEMENT ACTIFS, ESTER 2-ALCOXYETHYLIQUE D'ACIDE B-AMINE ET ESTER 2-ALCOXYETHYLIQUE D'ACIDE B-AMINE (S OU R) OPTIQUEMENT ACTIF**

[72] KONEGAWA, TADAYOSHI, JP  
[72] MIYATA, HIROYUKI, JP  
[72] YAMAMOTO, YASUHIRO, JP  
[73] UBE INDUSTRIES, LTD., JP  
[85] 2007-04-05  
[86] 2005-10-11 (PCT/JP2005/018699)  
[87] (WO2006/038698)  
[30] JP (2004-296080) 2004-10-08

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[11] **2,584,698**  
[13] C

[51] **Int.Cl. A61L 15/32 (2006.01) A61L 15/64 (2006.01)**  
[25] EN  
[54] **A REINFORCED ABSORBABLE MULTILAYERED HEMOSTATIC WOUND DRESSING AND METHOD OF MAKING**  
[54] **PANSEMENT HEMOSTATIQUE MULTICOUCHE ABSORBABLE RENFORCE ET SON PROCEDURE DE FABRICATION**  
[72] GORMAN, ANNE JESSICA, US  
[72] PENDHARKAR, SANYOG MANOHAR, US  
[72] ZHANG, GUANGHUI, US  
[72] BAR, LILLIANA, IL  
[72] NUR, ISRAEL, IL  
[72] MEIDLER, ROBERTO, IL  
[73] ETHICON, INC., US  
[73] OMRIX BIOPHARMACEUTICALS, INC., BE  
[85] 2007-04-19  
[86] 2005-10-17 (PCT/US2005/037407)  
[87] (WO2006/044882)  
[30] US (60/620,539) 2004-10-20  
[30] US (60/696,258) 2005-07-01

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[11] **2,585,875**  
[13] C

[51] **Int.Cl. F01D 5/32 (2006.01) F01D 5/02 (2006.01)**  
[25] FR  
[54] **ROTOR BLADE RETENTION SYSTEM**  
[54] **SYSTEME DE RETENTION DES AUBES DANS UN ROTOR**  
[72] BUISSON, HERVE MARC PHILIPPE, FR  
[72] GOGA, JEAN-LUC CHRISTIAN YVON, FR  
[72] LEFEBVRE, ERIC JACQUES, FR  
[73] SNECMA, FR  
[86] (2585875)  
[87] (2585875)  
[22] 2007-04-24  
[30] FR (0651500) 2006-04-27

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[11] **2,585,893**  
[13] C

[51] **Int.Cl. F02K 1/82 (2006.01) F02K 3/08 (2006.01)**  
[25] FR  
[54] **JET TURBINE ENGINE HAVING A POST-COMBUSTION CHANNEL COOLED BY A VARIABLE-FLOW RATE VENTILATION FLOW**  
[54] **TURBOREACTEUR COMPRENANT UN CANAL DE POST COMBUSTION REFROIDI PAR UN FLUX DE VENTILATION A DEBIT VARIABLE**  
[72] BUNEL, JACQUES MARCEL ARTHUR, FR  
[72] CORTES, THIERRY ANDRE EMMANUEL, FR  
[72] PAGE, ALAIN PIERRE, FR  
[72] VAGNER, FABIENNE, FR  
[73] SNECMA, FR  
[86] (2585893)  
[87] (2585893)  
[22] 2007-04-24  
[30] FR (0651522) 2006-04-28

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[11] **2,585,966**  
[13] C

[51] **Int.Cl. G06F 1/32 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR CONTROLLING STANDBY POWER**  
[54] **APPAREIL DE COMMANDE D'UNE ALIMENTATION DE SECOURS**  
[72] LEE, JEONG-SOO, KR  
[72] KIM, CHAN-DONG, KR  
[73] INCA SOLUTION CO., LTD, KR  
[85] 2007-05-02  
[86] 2004-12-31 (PCT/KR2004/003542)  
[87] (WO2006/052047)  
[30] KR (10-2004-0091564) 2004-11-10

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[11] **2,586,833**  
[13] C

[51] **Int.Cl. A61B 17/94 (2006.01)**  
[25] EN  
[54] **ENDOSCOPIC ROTATION**  
[54] **ROTATION ENDOSCOPIQUE**  
[72] STEFANCHIK, DAVID, US  
[72] SPIVEY, JAMES T., US  
[73] ETHICON ENDO-SURGERY, INC., US  
[86] (2586833)  
[87] (2586833)  
[22] 2007-04-30  
[30] US (11/380,952) 2006-05-01

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[11] **2,587,096**  
[13] C

[51] **Int.Cl. F01D 5/30 (2006.01)**  
[25] FR  
[54] **AIRCRAFT ENGINE COMPRESSOR ASSEMBLY COMPRISING HAMMER ATTACHMENT BLADES WITH INCLINED ROOTS**  
[54] **ENSEMBLE POUR COMPRESSEUR DE MOTEUR D'AERONEF COMPRENANT DES AUBES A ATTACHE MARTEAU A PIED INCLINE**  
[72] AUBIN, STEPHAN YVES, FR  
[72] JULLIOT, STEPHAN, FR  
[73] SNECMA, FR  
[86] (2587096)  
[87] (2587096)  
[22] 2007-05-10  
[30] FR (06 51712) 2006-05-12

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[11] **2,587,100**  
[13] C

[51] **Int.Cl. B22C 9/10 (2006.01) B22C 1/20 (2006.01) B22C 9/24 (2006.01) B23P 15/02 (2006.01) C04B 35/622 (2006.01)**  
[25] FR  
[54] **PROCESS FOR MANUFACTURING CERAMIC CORES FOR TURBINE BLADES**  
[54] **PROCEDE DE FABRICATION DE NOYAUX CERAMIQUES DE FONDERIE POUR AUBES DE TURBOMACHINE**  
[72] GUERCHE, DIDIER, FR  
[72] PRIGENT, SERGE, FR  
[72] WEHRER, PATRICK, FR  
[73] SNECMA, FR  
[86] (2587100)  
[87] (2587100)  
[22] 2007-05-08  
[30] FR (06 51682) 2006-05-10

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[11] **2,588,694**  
[13] C

[51] **Int.Cl. B01F 3/04 (2006.01)**  
[25] EN  
[54] **PARALLEL FLOW FRACTIONATION TRAY**  
[54] **BAC DE FRACTIONNEMENT A ECOULEMENTS PARALLELES**  
[72] XU, ZHANPING, US  
[72] MONKELBAAN, DANIEL R., US  
[72] NOWAK, BRIAN J., US  
[72] MILLER, ROBERT J., US  
[73] UOP LLC, US  
[85] 2007-05-22  
[86] 2006-05-25 (PCT/US2006/020258)  
[87] (WO2006/130427)  
[30] US (11/142,804) 2005-06-01

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[11] **2,591,968**  
[13] C

[51] **Int.Cl. H04L 9/32 (2006.01)**  
[25] EN  
[54] **AUTHENTICATION DEVICE AND/OR METHOD**  
[54] **DISPOSITIF ET/OU PROCEDE D'AUTHENTIFICATION**  
[72] HEWITT, SIMON CHARLES HUGHES, AU  
[72] BENDER, JASON FREDERICK, AU  
[72] LENON, JAMES EVAN, AU  
[73] EMUE HOLDING PTY LTD, AU  
[85] 2007-06-21  
[86] 2005-12-21 (PCT/AU2005/001923)  
[87] (WO2006/066322)  
[30] AU (2004907210) 2004-12-21

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[11] **2,592,627**  
[13] C

[51] **Int.Cl. A61K 39/085 (2006.01) A61K 39/09 (2006.01) A61K 39/39 (2006.01) A61P 31/04 (2006.01)**  
[25] EN  
[54] **VACCINE COMPOSITION COMPRISING A FIBRONECTIN BINDING PROTEIN OR A FIBRONECTIN BINDING PEPTIDE**  
[54] **COMPOSITION VACCINALE COMPRENANT UNE PROTEINE DE LIAISON A LA FIBRONECTINE OU UN PEPTIDE DE LIAISON A LA FIBRONECTINE**  
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[72] LOEVGREN-BENGTSSON, KARIN, SE  
[72] RANLUND, KATARINA, SE  
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[54] **ESTIMATING NOISE AT ONE FREQUENCY BY SAMPLING NOISE AT OTHER FREQUENCIES**  
[54] **ESTIMATION DE BRUIT A UNE FREQUENCE PAR ECHANTILLONNAGE DU BRUIT A D'AUTRES FREQUENCES**  
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[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
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[54] **STABLE TOOTH WHITENING ORAL COMPOSITIONS WITH REACTIVE INGREDIENTS**  
[54] **COMPOSITIONS DE BLANCHIMENT DES DENTS STABLES COMPORTANT DES INGREDIENTS ACTIFS POUR UTILISATION ORALE**  
[72] GEBRESELASSIE, PETROS, US  
[72] BOGHANI, NAVROZ, US  
[73] INTERCONTINENTAL GREAT BRANDS LLC, US  
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[54] **PROCEDES ET RACCORDS POUR TUYAU COUPLE**  
[72] DELANGE, RICHARD W., US  
[72] HEGLER, MATTHEW ALLEN, US  
[72] BAILEY, ANDYLE GREGORY, US  
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[54] **THIAZOLE-4-CARBOXAMIDE DERIVATIVES AS MGLUR5 ANTAGONISTS**

[54] **DERIVES DE THIAZOLE-4-CARBOXAMIDE EN TANT QU'ANTAGONISTES DU MGLUR5**

[72] BUETTELMMANN, BERND, DE

[72] CECCARELLI, SIMONA MARIA, CH

[72] JAESCHKE, GEORG, CH

[72] KOLCZEWSKI, SABINE, DE

[72] PORTER, RICHARD HUGH PHILIP, CH

[72] VIEIRA, ERIC, CH

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[54] **CABLES ELECTRIQUES AMELIORES**

[72] VARKEY, JOSEPH, US

[72] KIM, BYONG JUN, US

[72] SRIDHAR, GARUD, US

[72] SAIT, NOOR, CN

[72] FULIN, WAYNE, US

[73] SCHLUMBERGER CANADA LIMITED, CA

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[54] **PROCEDE ET SYSTEME INFORMATIQUES DE VALIDATION DE DONNEES DE SEQUENCAGE ADN**

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[54] **PROCEDE D'USINAGE DE PIECES PAR RAYONNEMENT LASER**

[72] KLOTZBACH, ANNETT, DE

[72] FLEISCHER, VEIKO, DE

[72] MORGENTHAL, LOTHAR, DE

[73] FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

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[54] **PRESSURIZED ICE CREAM CONTAINER WITH A PISTON**

[54] **CONTENEUR DE CREME GLACEE SOUS PRESSION AVEC UN PISTON**

[72] CHARLIER, CHRISTOPHE JEAN-MARIE YVES, FR

[72] DELANDE, BRUNO SADI HENRI, FR

[72] DELAUNAY, JEAN-FRANCOIS ANDRE AIME, FR

[72] LEBRAND, PIERRE HENRI, FR

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[54] **PANNEAU DE BOITE AVEC BANDE DECHIRABLE POUR OUVERTURE**

[72] OPFERBECK, KEVIN W., US

[73] BUSH INDUSTRIES, INC., US

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[54] **SYSTEME ET PROCEDE DE CORRECTION D'ERREURS DANS UN SIGNAL DE TELEVISION HAUTE DEFINITION**

[72] KAWASKI, KENICHI, US

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COMPRISING A SWIRLING  
DEVICE**  
[54] **GENERATEUR DE VAPEUR A  
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[72] SZPILSKI, ANDRZEJ, CH  
[72] GEROLD, ANDRE, CH  
[72] DIETZIKER, DANIEL, CH  
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[72] RAMM, JUERGEN, CH  
[72] WIDRIG, BENO, CH  
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STATIONARY BLADE IN A  
TURBINE ENGINE ANNULAR  
CRANKCASE, TURBOJET  
CONTAINING THE DEVICE AND  
PROCESS FOR ASSEMBLING THE  
BLADE**  
[54] **DISPOSITIF DE FIXATION D'UNE  
AUBE FIXE DANS UN CARTER  
ANNULAIRE DE  
TURBOMACHINE,  
TURBOMACTEUR  
INCORPORANT LE DISPOSITIF  
ET PROCEDE DE MONTAGE DE  
L'AUBE**  
[72] BELMONTE, OLIVIER, FR  
[73] SNECMA, FR  
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[25] FR  
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SURFACE**  
[54] **OUTIL DE SURFACAGE D'UNE  
SURFACE OPTIQUE**  
[72] STEPHANE, JEAN, FR  
[72] MARCEPOIL, LAURENT, FR  
[72] HERBIN, PATRICK, FR  
[72] PADIOU, JEAN-MARC, FR  
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[54] **APPAREIL D'ACCES  
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[72] SCHNELL, ANDREA, DE  
[72] WITTNER, BERND, DE  
[72] HILDWEIN, CLAUDIA, DE  
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[54] **DISPOSITIF D'IMMOBILISATION  
OU ECLISSE**  
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[73] POMEROY, LINDA, GB  
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[54] **MAT D'ACCROCHAGE DE TURBOREACTEUR POUR AERONEF**  
[72] DIOCHON, LIONEL, FR  
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[54] **NOUVEAU SUBSTRAT POUR ACTIVITE ENZYMATIQUE DE RPN 11**  
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[72] AUJAY, MONETTE, US  
[72] BENNETT, MARK K., US  
[73] ONYX THERAPEUTICS, INC., US  
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[72] GRAPPIOLO, GUIDO, IT  
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[73] ZIMMER GMBH, CH  
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[54] **PROCEDE DE TRANSFORMATION PAR DIGESTION AEROBIE**  
[72] AHO, RICHARD L., US  
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[54] **IMPROVED PERFLUORINATED MEMBRANES AND IMPROVED ELECTROLYTES FOR REDOX CELLS AND BATTERIES**  
[54] **MEMBRANES PERFLUOREES AMELIOREES ET ELECTROLYTES AMELIORES POUR DES PILES D'OXYDOREDUCTION ET DES BATTERIES**  
[72] KAZACOS, GEORGE CHRISTOPHER, AU  
[72] KAZACOS, NICHOLAS MICHAEL, AU  
[73] NEWSOUTH INNOVATIONS PTY LIMITED, AU  
[85] 2007-11-28  
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[54] **SOLUTIONS D'ACCELERATEUR STABLE AU STOCKAGE POUR SYSTEMES REDOX**  
[72] KOERS, FREDERIK WILLEM KAREL, NL  
[72] BOVENKAMP-BOUWMAN VAN DE, ANNA GERDINE, NL  
[73] AKZO NOBEL N.V., NL  
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[54] **AUBE EN FLECHE DE TURBOMACHINE**  
[72] BOIS, BEATRICE, FR  
[72] MADEC, ALAIN, FR  
[72] M'BENGUE, AMADOU, FR  
[73] SNECMA, FR  
[86] (2610278)  
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[54] **HANDLING DEVICE FOR HANDLING A MOTOR VEHICLE RIM IN A SURFACE TREATMENT INSTALLATION**  
[54] **APPAREIL DE MANIPULATION POUR MANIPULER UNE JANTE DE VEHICULE A MOTEUR DANS UNE INSTALLATION DE TRAITEMENT DE SURFACE**  
[72] RAU, THOMAS, DE  
[73] EISENMANN ANLAGENBAU GMBH & CO. KG, DE  
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[54] **UN SYSTEME D'ENTRAINEMENT PNEUMATIQUE**  
[72] WALDMANN, DIETER, DE  
[72] BENDER, JAN-PETER, DE  
[72] ARANA, JOSE, DE  
[73] FESTO AG & CO, DE  
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[54] **HIGH PERFORMANCE PHOSPHATE ESTER HYDRAULIC FLUID**  
[54] **FLUIDE HYDRAULIQUE A PERFORMANCES ELEVEES A BASE D'ESTERS DE PHOSPHATE**  
[72] WOLFE, TERRY CALVIN, US  
[73] SOLUTIA INC., US  
[85] 2007-12-12  
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[25] EN  
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[54] **DISPOSITIF ET PROCEDES POUR L'OCCLUSION D'UNE STRUCTURE ANATOMIQUE CREUSE**  
[72] WILLIAMSON, WARREN P., IV, US  
[72] GLITHERO, JASON I., US  
[72] GOLDENBOGEN, MICHAEL W., US  
[72] TYLER, CHADD R., US  
[72] HALL, TODD A., US  
[72] COSGROVE, DELOS, US  
[73] IDX MEDICAL, LTD., US  
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[54] **METHOD OF AND APPARATUS FOR SEPARATION OF SCUM FROM A LIQUID**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE SEPARER L'ECUME D'UN LIQUIDE**  
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[54] **COMMANDE DE PROCESSUS POUR UN SYSTEME A MEMBRANE IMMERGEE**  
[72] COTE, PIERRE LUCIEN, CA  
[72] GINZBURG, BORIS FERNANDES, CA  
[72] JANSON, ARNOLD, CA  
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[51] **Int.Cl. G06F 3/00 (2006.01) B64D 43/00 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MODELLING AN INTERFACE BETWEEN A USER AND THE ENVIRONMENT THEREOF IN A MOTOR VEHICLE**  
[54] **PROCEDE ET SYSTEME DE MODELISATION D'UNE INTERFACE ENTRE UN UTILISATEUR ET SON ENVIRONNEMENT A BORD D'UN VEHICULE**  
[72] STEPHANE, ALEXANDRE-LUCAS, FR  
[73] AIRBUS, FR  
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[86] 2006-07-12 (PCT/FR2006/001701)  
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[30] FR (0507894) 2005-07-25

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[13] C

[51] **Int.Cl. C10M 105/38 (2006.01) C10M 171/00 (2006.01)**  
[25] EN  
[54] **HYDROFLUOROCARBON MISCIBLE SYNTHETIC ESTER LUBRICANT BASE STOCK BLENDS**  
[54] **MELANGES D'HUILES DE BASE LUBRIFIANTES A ESTERS SYNTHETIQUES MISCIBLES AVEC UN HYDROFLUOROCARBURE**  
[72] PSILLAS, GEORGE, US  
[73] THE LUBRIZOL CORPORATION, US  
[85] 2008-01-14  
[86] 2006-07-27 (PCT/US2006/029448)  
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[25] EN  
[54] **ELECTRICAL HARNESS CLIPPING BAR FOR AFTERTREATMENT DEVICE**  
[54] **BARRE D'ATTACHE DE FAISCEAU DE CONDUCTEURS ELECTRIQUES POUR DISPOSITIF DE POST-TRAITEMENT**  
[72] AMMER, JOHN M., US  
[73] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US  
[86] (2615317)  
[87] (2615317)  
[22] 2007-12-18  
[30] US (60/870,749) 2006-12-19  
[30] US (11/956,513) 2007-12-14

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[51] **Int.Cl. B32B 27/32 (2006.01) H01M 2/16 (2006.01)**  
[25] EN  
[54] **MULTI-LAYER, MICROPOROUS POLYOLEFIN MEMBRANE AND BATTERY SEPARATOR**  
[54] **MEMBRANE MICROPOREUSE MULTICOUCHE CONSTITUEE DE POLYOLEFINES ET SEPARATEUR POUR BATTERIE**  
[72] KIKUCHI, SHINTARO, JP  
[72] TAKITA, KOTARO, JP  
[72] KONO, KOICHI, JP  
[73] TORAY BATTERY SEPARATOR FILM CO., LTD., JP  
[85] 2008-01-14  
[86] 2006-07-14 (PCT/JP2006/314106)  
[87] (WO2007/010878)  
[30] JP (2005-207752) 2005-07-15

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[51] **Int.Cl. F16C 33/62 (2006.01) B22F 7/04 (2006.01) F01D 25/16 (2006.01) F16C 33/64 (2006.01)**  
[25] EN  
[54] **HIGH ENDURANCE AND CAPACITY COMPOSITE METAL BALL BEARING RACE**  
[54] **ANNEAU DE ROULEMENT EN METAL COMPOSITE A RESISTANCE ET CAPACITE ELEVEES**  
[72] BEER, OSKAR, DE  
[72] STREIT, EDGAR, DE  
[73] SCHAEFFLER TECHNOLOGIES AG & CO. KG, DE  
[85] 2008-01-18  
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[87] (WO2006/122518)  
[30] DE (10 2005 022 730.9) 2005-05-18

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[13] C

[51] **Int.Cl. E04B 1/38 (2006.01) E04B 1/41 (2006.01)**  
[25] EN  
[54] **BRACKET STRUCTURE FOR EXTERNAL WALL AND EXTERNAL WALL CONSTRUCTION STRUCTURE**  
[54] **STRUCTURE A SUPPORT POUR MUR EXTERNE ET STRUCTURE DE CONSTRUCTION DE MUR EXTERNE**  
[72] YOSHIDA, NORIHIRO, JP  
[72] TAKAMI, SHIN, JP  
[73] NICHIIHA CORPORATION, JP  
[86] (2615937)  
[87] (2615937)  
[22] 2007-12-20  
[30] JP (JP2007-004075U) 2007-05-31  
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[13] C

[51] **Int.Cl. H04W 4/00 (2009.01) H04W 8/00 (2009.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **APPARATUS, AND ASSOCIATED METHOD, FOR PROVIDING AN INSTANCE IDENTIFIER TO A NETWORK DATABASE NODE OF A MOBILE NETWORK**  
[54] **DISPOSITIF, ET METHODE ASSOCIEE, FOURNISSANT UN IDENTIFICATEUR D'INSTANCE A UN NOEUD DE BASE DE DONNEES D'UN RESEAU MOBILE**  
[72] BUCKLEY, ADRIAN, US  
[72] ALLEN, ANDREW, US  
[73] BLACKBERRY LIMITED, CA  
[86] (2617046)  
[87] (2617046)  
[22] 2008-01-07  
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[25] EN  
[54] **DESIGNATING, SETTING AND DISCOVERING PARAMETERS FOR SPREADSHEET DOCUMENTS**  
[54] **DESIGNATION, REGLAGE ET DECOUVERTE DE PARAMETRES DE DOCUMENTS DE FEUILLES DE CALCUL ELECTRONIQUES**  
[72] MEGIDDO, ERAN, US  
[72] PARISH, DANIEL Y., US  
[72] BATTAGIN, DANIEL, US  
[72] ARCHER, ROBERT L., US  
[72] GREWAL, AMARINDER SINGH, US  
[72] ROCKWOOD, JUSTIN FREDERICK, US  
[72] BOON, SEAN, US  
[73] MICROSOFT CORPORATION, US  
[85] 2008-02-07  
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[25] EN  
[54] **MANURE REMOVAL AND DRYING SYSTEM**  
[54] **SYSTEME DE DEPLACEMENT ET DE SECHAGE DU FUMIER**  
[72] SMITH, NATHANIEL LEE, US  
[72] KREHL, MICHAEL E., US  
[72] MARTIN, TODD J., US  
[73] CTB, INC., US  
[86] (2618442)  
[87] (2618442)  
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[30] US (60/885,099) 2007-01-16  
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[13] C

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[25] EN  
[54] **FINE GRAINED POLYCRYSTALLINE ABRASIVE MATERIAL**  
[54] **MATERIAU ABRASIF POLYCRISTALLIN A GRAINS FINS**  
[72] BURGESS, ANTHONY ROY, ZA  
[72] PRETORIUS, CORNELIUS JOHANNES, IE  
[72] PETERS, GERRARD SOOBRAMONEY, ZA  
[72] HARDEN, PETER MICHAEL, IE  
[73] ELEMENT SIX (PRODUCTION) (PTY) LTD, ZA  
[85] 2008-02-11  
[86] 2006-08-16 (PCT/IB2006/002229)  
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[25] EN  
[54] **PROCESS FOR THE REMOVAL IN CONTINUOUS OF HYDROGEN SULFIDE FROM GASEOUS STREAMS**  
[54] **PROCEDE D'ELIMINATION EN CONTINU DE SULFURE D'HYDROGENE DE COURANTS GAZEUX**  
[72] BELLUSSI, GIUSEPPE, IT  
[72] DE ANGELIS, ALBERTO, IT  
[72] POLLESEL, PAOLO, IT  
[72] MILLI, MARCELLO, IT  
[73] ENI S.P.A., IT  
[85] 2008-02-25  
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[30] IT (MI 2005 A 001647) 2005-09-07

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[25] EN  
[54] **HYDROGEN GENERATING FUEL CELL CARTRIDGES**  
[54] **CARTOUCHES DE PILE A COMBUSTIBLE GENERANT DE L'HYDROGENE**  
[72] CURELLO, ANDREW J., US  
[72] FAIRBANKS, FLOYD, US  
[72] STEPAN, CONSTANCE R., US  
[72] SGROI, ANTHONY, US  
[72] CURELLO, MICHAEL, US  
[73] SOCIETE BIC, FR  
[85] 2007-12-06  
[86] 2006-06-12 (PCT/US2006/023025)  
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[30] US (60/689,539) 2005-06-13

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[25] EN  
[54] **TREATMENT WITH AN ONCOLYTIC VIRUS AND AN IMMUNOSTIMULANT FOR IN VIVO ENHANCEMENT OF IMMUNE SYSTEM RECOGNITION OF NEOPLASMS**  
[54] **TRAITEMENT UTILISANT UN VIRUS ONCOLYTIQUE ET UN IMMUNOSTIMULANT DESTINE A RENFORCER IN VIVO LA RECONNAISSANCE DE NEOPLASMES PAR LE SYSTEME IMMUNITAIRE**  
[72] COFFEY, MATTHEW C., CA  
[72] THOMPSON, BRADLEY G., CA  
[73] ONCOLYTICS BIOTECH INC., CA  
[85] 2008-02-29  
[86] 2006-08-22 (PCT/CA2006/001377)  
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[13] C

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[25] EN  
[54] **METHOD FOR PRODUCING LOW VISCOSE POLYMER GELS**  
[54] **PROCEDE POUR PRODUIRE DES GELS POLYMERES A FAIBLE VISCOSITE**  
[72] ZIEMER, ANTJE, DE  
[72] KOWALSKI, ANNA, DE  
[72] CHAMP, SAMANTHA, DE  
[73] BASF SE, DE  
[85] 2008-02-11  
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[87] (WO2007/023088)  
[30] DE (10 2005 039 970.3) 2005-08-23

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[13] C

[51] **Int.Cl. A61G 5/12 (2006.01)**  
[25] EN  
[54] **DEVICE FOR ADJUSTING THE SEAT BACK ANGLE IN A WHEELCHAIR AND A WHEELCHAIR COMPRISING SUCH A DEVICE**  
[54] **DISPOSITIF PERMETTANT DE REGLER L'ANGLE DU DOSSIER D'UNE CHAISE ROULANTE ET CHAISE ROULANTE EQUIPEE DU DISPOSITIF**  
[72] KOHLER, THOMAS MARKUS, CH  
[72] KAUFMANN, FLORIAN, CH  
[72] WATTERTON, SIMON BRUCE LAURENCE, CH  
[73] INVACARE INTERNATIONAL SARL, CH  
[85] 2008-03-25  
[86] 2006-09-27 (PCT/IB2006/053517)  
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[13] C

[51] **Int.Cl. B23K 35/28 (2006.01) B23K 35/02 (2006.01) B32B 15/01 (2006.01)**  
[25] EN  
[54] **MULTI-LAYERED BRAZING SHEET**  
[54] **FEUILLE DE BRASAGE MULTICOUCHE**  
[72] VIEREGGE, KLAUS, DE  
[72] DESIKAN, SAMPATH, DE  
[72] WITTEBROOD, ADRIANUS JACOBUS, NL  
[72] ROEGER, MARK HENRIK, DE  
[72] EILEMANN, ANDREAS, DE  
[72] GOERDELER, MATTHIAS, DE  
[72] TRAUB, MATTHIAS, DE  
[72] TUERPE, MATTHIAS, DE  
[72] GRUENENWALD, BERD, DE  
[72] VAN DER HOEVEN, JOB ANTHONIUS, DE  
[73] ALERIS ALUMINUM KOBLENZ GMBH, DE  
[85] 2008-03-27  
[86] 2006-10-05 (PCT/EP2006/009654)  
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[30] EP (05077343.1) 2005-10-13

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[13] C

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[25] EN  
[54] **METHODS AND COMPOSITIONS FOR SELECTIVELY REMOVING POTASSIUM ION FROM THE GASTROINTESTINAL TRACT OF A MAMMAL**  
[54] **METHODES ET COMPOSITIONS PERMETTANT D'ELIMINER SELECTIVEMENT DES IONS POTASSIUM DU TUBE DIGESTIF D'UN MAMMIFERE**  
[72] COPE, MICHAEL J., US  
[72] MANSKY, PAUL, US  
[72] LIU, FUTIAN, US  
[72] CHANG, HAN-TING, US  
[72] CHARMOT, DOMINIQUE, US  
[72] CONNOR, ERIC, US  
[72] BIYANI, KALPESH, US  
[72] LIU, MINGJUN, US  
[72] MONG, TONY KWOK-KONG, US  
[72] CHEN, YAN, US  
[73] RELYPSA INC., US  
[85] 2008-03-27  
[86] 2006-10-02 (PCT/US2006/038602)  
[87] (WO2007/041569)  
[30] US (60/723,073) 2005-09-30

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[13] C

[51] **Int.Cl. G01N 33/28 (2006.01) G01N 1/00 (2006.01) G01N 1/22 (2006.01) G01N 9/00 (2006.01) G01N 9/04 (2006.01) G01N 9/30 (2006.01) G01N 9/36 (2006.01) G01N 30/02 (2006.01)**  
[25] EN  
[54] **COMPOSITIONAL ANALYSIS OF SEPARATED VAPOR AND LIQUID PHASES USING A GAS CHROMATOGRAPH**  
[54] **ANALYSE DE LA COMPOSITION DE PHASES GAZEUSES ET LIQUIDES SEPARÉES A L'AIDE D'UN CHROMATOGRAPHE EN PHASE GAZEUSE**  
[72] KRIEL, WAYNE A., US  
[73] SGS SOCIETE GENERALE DE SURVEILLANCE S.A., CH  
[85] 2008-03-31  
[86] 2006-10-05 (PCT/US2006/038905)  
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[13] C

[51] **Int.Cl. H03D 7/16 (2006.01)**  
[25] EN  
[54] **CIRCUIT FOR SIGNAL CONDITIONING WITH A SHARED OSCILLATOR**  
[54] **CIRCUIT DE REGENERATION DE SIGNAUX AVEC OSCILLATEUR COMMUN**  
[72] ROTH, MARTIN, DE  
[72] JELEN, MATTIAS, DE  
[72] HOLZMANN, GOTTFRIED, DE  
[72] MOSER, ALBERT, DE  
[72] OETJEN, MARTIN, DE  
[73] ROHDE & SCHWARZ GMBH & CO. KG, DE  
[85] 2008-04-07  
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[30] DE (10 2005 053 723.5) 2005-11-10

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[54] **TRELLIS ENCODER FOR ENCODING DUAL TRANSMISSION STREAM**  
[54] **CODEUR EN TREILLIS POUR CODER UN DOUBLE FLUX DE TRANSMISSION**  
[72] YU, JUNG-PIL, KR  
[72] PARK, EUI-JUN, KR  
[72] KWON, YONG-SIK, KR  
[72] CHANG, YONG-DEOK, KR  
[72] JEONG, HAE-JOO, KR  
[72] KIM, JOON-SOO, KR  
[72] JEONG, JIN-HEE, KR  
[72] JI, KUM-RAN, KR  
[72] KIM, JONG-HUN, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2008-04-08  
[86] 2006-10-20 (PCT/KR2006/004303)  
[87] (WO2007/046671)  
[30] US (60/728,777) 2005-10-21  
[30] US (60/734,295) 2005-11-08  
[30] US (60/738,050) 2005-11-21  
[30] US (60/739,448) 2005-11-25  
[30] US (60/788,707) 2006-04-04  
[30] KR (10-2006-0068062) 2006-07-20

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[25] EN  
[54] **GLASS COMPOSITIONS**  
[54] **COMPOSITIONS DE VERRE**  
[72] LEWIS, ALBERT, US  
[73] GLASS INCORPORATED, US  
[85] 2008-04-25  
[86] 2006-10-23 (PCT/US2006/041317)  
[87] (WO2007/050529)  
[30] US (11/260,548) 2005-10-27

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[13] C

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[25] EN  
[54] **RESORBABLE PHENOLIC POLYMERS**  
[54] **POLYMERES PHENOLIQUES RESORBABLES**  
[72] MOSES, ARIKHA, US  
[72] PULAPURA, SATISH, US  
[72] SCHWARTZ, ARTHUR, US  
[72] GE, QING, US  
[72] SHATOVA, IRENE, US  
[73] TYRX, INC., US  
[85] 2008-05-01  
[86] 2006-11-03 (PCT/US2006/042944)  
[87] (WO2007/056134)  
[30] US (60/733,988) 2005-11-03

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[13] C

- [51] **Int.Cl. G01N 33/569 (2006.01)**  
[25] EN  
[54] **METHODS FOR THE DETERMINATION OF ANTIBODY IGG AVIDITY, BY COMPARING LIQUID TO SOLID PHASE AVIDITY**  
[54] **PROCEDES PERMETTANT DE DETERMINER L'AVIDITE D'UN ANTICORPS IGG EN COMPARANT L'AVIDITE EN PHASE LIQUIDE A L'AVIDITE EN PHASE SOLIDE**  
[72] MAINE, GREGORY T., US  
[72] HSU, STEPHEN C., US  
[72] SMITH, DARWIN D., JR., US  
[72] PUCCI, DOMINICK L., US  
[72] HERZOGENRATH, JOERG, DE  
[72] CURDT, INGO, DE  
[72] CHRIST, HEIKE MARIA, DE  
[73] ABBOTT LABORATORIES, US  
[85] 2008-05-02  
[86] 2006-11-02 (PCT/US2006/042818)  
[87] (WO2007/056064)  
[30] US (11/265,481) 2005-11-02

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[13] C

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[25] EN  
[54] **SYSTEM FOR CONTROLLING WIRELESS COMMUNICATION BETWEEN PORTABLE DEVICE AND COMMUNICATION CONTROLLER**  
[54] **SYSTEME DE COMMANDE DE COMMUNICATION SAN FIL ENTRE UN DISPOSITIF PORTATIF ET UN CONTROLEUR DE COMMUNICATIONS**  
[72] KAWAMURA, DAISUKE, JP  
[72] MIZUNO, YOSHIYUKI, JP  
[72] HANAKI, HIDENOBU, JP  
[72] IWASHITA, HIROAKI, JP  
[73] KABUSHIKI KAISHA TOKAI RIKAI DENKI SEISAKUSHO, JP  
[86] (2628569)  
[87] (2628569)  
[22] 2008-04-04  
[30] JP (2007-099557) 2007-04-05

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[25] EN  
[54] **PRODUCTIVITY AUGMENTING PROTEIN FACTOR, NOVEL CELL LINES AND USES THEREOF**  
[54] **FACTEUR PROTEIQUE AUGMENTANT LA PRODUCTIVITE, NOUVELLES LIGNEES CELLULAIRES ET LEURS UTILISATIONS**  
[72] SANDIG, VOLKER, DE  
[72] JORDAN, INGO, DE  
[72] BRUNDKE, ELISABETH, DE  
[73] PROBIOGEN AG, DE  
[85] 2008-05-06  
[86] 2006-11-08 (PCT/EP2006/068234)  
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[25] EN

[54] **PRECURSOR COMPOUND OF RADIOACTIVE HALOGEN-LABELED ORGANIC COMPOUND**

[54] **COMPOSE PRECURSEUR DE COMPOSE ORGANIQUE MARQUE A L'HALOGENE RADIOACTIF**

[72] ITO, OSAMU, JP  
[72] HAYASHI, AKIO, JP  
[72] KUROSAKI, FUMIE, JP  
[72] TOYAMA, MASAHITO, JP  
[72] SHINMURA, TOSHIYUKI, JP  
[72] HARANO, ARINORI, JP  
[73] NIHON MEDI-PHYSICS CO., LTD., JP

[85] 2008-05-09  
[86] 2006-11-28 (PCT/JP2006/323659)  
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[30] JP (2005-343653) 2005-11-29

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[13] C

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[25] EN

[54] **HUMAN BNP IMMUNOSPECIFIC ANTIBODIES**

[54] **ANTICORPS IMMUNOSPECIFIQUES DU BNP HUMAIN**

[72] SHIH, JESSIE W., US  
[72] PINKUS, MARY S., US  
[72] TYNER, JOAN D., US  
[72] BROPHY, SUSAN E., US  
[72] TU, BAILIN, US  
[72] TIEMAN, BRYAN C., US  
[73] ABBOTT LABORATORIES, US

[85] 2008-05-09  
[86] 2006-11-09 (PCT/US2006/043608)  
[87] (WO2007/056507)  
[30] US (60/734,964) 2005-11-09

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[11] **2,630,223**  
[13] C

[51] **Int.Cl. E21B 7/18 (2006.01) E21B 7/00 (2006.01) E21B 10/60 (2006.01)**

[25] EN

[54] **ACID TUNNELING BOTTOM HOLE ASSEMBLY**

[54] **ENSEMBLE DE FOND DE TROU PERMETTANT DE CREUSER UN TUNNEL PAR DE L'ACIDE**

[72] MISSELBROOK, JOHN GORDON, CA  
[72] CRABTREE, ALEXANDER RAPHAEL, US  
[73] BAKER HUGHES INCORPORATED, US

[86] (2630223)  
[87] (2630223)  
[22] 2008-05-01  
[30] US (11/799,911) 2007-05-03

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[11] **2,630,410**  
[13] C

[51] **Int.Cl. C07D 233/22 (2006.01) A61K 31/4164 (2006.01) A61K 31/496 (2006.01) A61P 35/00 (2006.01) C07D 233/26 (2006.01) C07D 401/06 (2006.01) C07D 403/06 (2006.01) C07D 407/12 (2006.01) C07D 409/12 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**

[25] EN

[54] **2,4,5-TRIPHENYL IMIDAZOLINE DERIVATIVES AS INHIBITORS OF THE INTERACTION BETWEEN P53 AND MDM2 PROTEINS FOR USE AS ANTICANCER AGENTS**

[54] **DERIVES DE 2,4,5-TRIPHENYL IMIDAZOLINE EN TANT QU'INHIBITEURS DE L'INTERACTION ENTRE LES PROTEINES P53 ET MDM2, UTILISES EN TANT QU'AGENTS ANTICANCEREUX**

[72] DING, QINGJIE, US  
[72] GRAVES, BRADFORD JAMES, US  
[72] KONG, NORMAN, US  
[72] LIU, JIN-JUN, US  
[72] LOVEY, ALLEN JOHN, US  
[72] PIZZOLATO, GIACOMO, US  
[72] ROBERTS, JOHN LAWSON, US  
[72] SO, SUNG-SAU, US  
[72] VU, BINH THANH, US  
[72] WOVKULICH, PETER MICHAEL, US  
[73] F. HOFFMANN-LA ROCHE AG, CH

[85] 2008-05-20  
[86] 2006-11-22 (PCT/EP2006/068748)  
[87] (WO2007/063013)  
[30] US (60/741,223) 2005-12-01  
[30] US (60/852,747) 2006-10-19

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[11] **2,630,620**  
[13] C

[51] **Int.Cl. C01B 21/22 (2006.01) B01D 53/14 (2006.01) C07C 45/27 (2006.01)**

[25] EN

[54] **METHOD FOR ISOLATING N2O**

[54] **PROCEDE D'ISOLEMENT DE N2O**

[72] TELES, JOAQUIM HENRIQUE, DE  
[72] ROESSLER, BEATRICE, DE  
[72] BAUMANN, DIETER, DE  
[73] BASF SE, DE

[85] 2008-05-21  
[86] 2006-11-21 (PCT/EP2006/068714)  
[87] (WO2007/060160)  
[30] DE (10 2005 055 588.8) 2005-11-22

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25 février 2014**

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[11] **2,631,759**  
[13] C

[51] **Int.Cl. C08L 71/02 (2006.01) C08K 5/57 (2006.01) C08L 83/08 (2006.01)**

[25] EN

[54] **ROOM TEMPERATURE CURABLE SILICON GROUP-CONTAINING POLYMER COMPOSITION**

[54] **COMPOSITION POLYMERIQUE DURCISSABLE A TEMPERATURE AMBIANTE CONTENANT DES GROUPEMENTS A BASE DE SILICIUM**

[72] ONO, KAZUHISA, JP

[73] MOMENTIVE PERFORMANCE MATERIALS JAPAN LLC., JP

[85] 2008-06-02

[86] 2006-12-01 (PCT/JP2006/324076)

[87] (WO2007/063983)

[30] JP (2005-349952) 2005-12-02

[30] JP (2006-193540) 2006-07-14

[30] JP (2006-193541) 2006-07-14

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[11] **2,632,374**  
[13] C

[51] **Int.Cl. A23G 3/52 (2006.01) A23G 9/46 (2006.01) A23J 3/00 (2006.01) A23J 3/04 (2006.01) A23L 1/00 (2006.01)**

[25] EN

[54] **AN AERATED FOOD PRODUCT AND A PROCESS FOR PREPARING THE SAME**

[54] **PRODUIT ALIMENTAIRE AERE ET SON PROCEDE DE FABRICATION**

[72] BIALEK, JADWIGA M., NL

[72] GOLDING, MATTHEW D., NL

[72] DE GROOT, PETRUS W. N., NL

[72] REGISMOND, SUDARSHI T. A., NL

[72] STOYANOV, SIMEON D., NL

[73] UNILEVER PLC, GB

[85] 2008-06-03

[86] 2006-12-19 (PCT/EP2006/012328)

[87] (WO2007/071405)

[30] EP (05077966.9) 2005-12-21

[30] EP (05077967.7) 2005-12-21

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[11] **2,632,944**  
[13] C

[51] **Int.Cl. C01D 7/42 (2006.01) B01D 53/14 (2006.01)**

[25] EN

[54] **PROCESS FOR MILLING SODIUM CARBONATE, SODIUM BICARBONATE OR SODIUM SESQUICARBONATE IN THE PRESENCE OF A CLEANING AGENT**

[54] **PROCEDE DE BROYAGE DE CARBONATE DE SODIUM, DE BICARBONATE DE SODIUM OU DE SESQUICARBONATE EN PRESENCE D'UN AGENT NETTOYANT**

[72] THIJSSSEN, MARC, BE

[72] FRANC, MAXIME, FR

[73] SOLVAY (SOCIETE ANONYME), BE

[85] 2008-06-11

[86] 2006-12-19 (PCT/EP2006/069887)

[87] (WO2007/071666)

[30] FR (05.13243) 2005-12-23

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[11] **2,631,999**  
[13] C

[51] **Int.Cl. B02C 13/28 (2006.01)**

[25] EN

[54] **ROTOR FOR AN IMPACT CRUSHER**

[54] **ROTOR POUR BROYEUR A PERCUSSION**

[72] ZOELLIG, MARIO, CH

[73] SWISSRTEC GMBH, CH

[85] 2008-06-04

[86] 2006-11-30 (PCT/CH2006/000674)

[87] (WO2007/065282)

[30] CH (1937/05) 2005-12-08

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[11] **2,632,846**  
[13] C

[51] **Int.Cl. C07C 51/41 (2006.01) A23K 1/16 (2006.01) A23K 1/175 (2006.01) A23K 1/18 (2006.01) C07C 51/44 (2006.01) C07C 53/06 (2006.01)**

[25] EN

[54] **PRODUCTION OF SODIUM DIFORMATE**

[54] **FABRICATION DE DIFORMIATE DE SODIUM**

[72] HAUK, ALEXANDER, DE

[72] GROPP, STEFAN, DE

[72] LOHMANN, ANNA VALESKA, DE

[72] HEINZ, ROBERT, DE

[73] BASF SE, DE

[85] 2008-06-09

[86] 2006-12-28 (PCT/EP2006/070246)

[87] (WO2007/074164)

[30] DE (10 2005 062 931.8) 2005-12-29

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[11] **2,633,011**  
[13] C

[51] **Int.Cl. C02F 1/463 (2006.01) C02F 1/48 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR TREATING RADIOACTIVE WASTE WATER**

[54] **PROCEDE ET SYSTEME DE TRAITEMENT D'EAUX USEES RADIOACTIVES**

[72] DENTON, MARK S., US

[73] ENERGYSOLUTIONS DIVERSIFIED SERVICES, INC., US

[85] 2008-06-10

[86] 2006-12-14 (PCT/US2006/047675)

[87] (WO2007/070628)

[30] US (11/303,065) 2005-12-14

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[11] **2,632,017**  
[13] C

[51] **Int.Cl. B02C 13/282 (2006.01)**

[25] EN

[54] **STATOR FOR AN IMPACT CRUSHER**

[54] **STATOR DE BROYEUR A PERCUSSION**

[72] ZOELLIG, MARIO, CH

[73] SWISSRTEC GMBH, CH

[85] 2008-06-04

[86] 2006-11-30 (PCT/CH2006/000675)

[87] (WO2007/065283)

[30] CH (1960/05) 2005-12-09

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[11] **2,633,556**  
[13] C

[51] **Int.Cl. F24C 7/02 (2006.01)**  
[25] EN  
[54] **ELECTRONIC COOKER AND METHOD FOR GAME USING THE SAME**  
[54] **CUISEUR ELECTRONIQUE ET PROCEDE DE JEU FOURNI AVEC LEDIT CUISEUR**  
[72] CHOI, SUNG-HO, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2008-06-16  
[86] 2007-01-19 (PCT/KR2007/000331)  
[87] (WO2007/083950)  
[30] KR (10-2006-0005911) 2006-01-19

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[11] **2,634,054**  
[13] C

[51] **Int.Cl. F21V 9/04 (2006.01) G02B 5/08 (2006.01)**  
[25] EN  
[54] **ADVANCED ULTRAVIOLET-RESISTANT SILVER MIRRORS FOR USE IN SOLAR REFLECTORS**  
[54] **MIROIRS D'ARGENT RESISTANTS AUX ULTRAVIOLETS DE POINTE POUR UNE UTILISATION DANS DES REFLECTEURS SOLAIRES**  
[72] JORGENSEN, GARY J., US  
[72] GEE, RANDY, US  
[73] ALLIANCE FOR SUSTAINABLE ENERGY, LLC, US  
[85] 2008-06-16  
[86] 2006-12-13 (PCT/US2006/062046)  
[87] (WO2007/076282)  
[30] US (11/303,836) 2005-12-16

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[11] **2,634,081**  
[13] C

[51] **Int.Cl. E03D 9/00 (2006.01) E03C 1/26 (2006.01) E03C 1/30 (2006.01) E03D 1/24 (2006.01) E03D 1/26 (2006.01) E03D 11/00 (2006.01)**  
[25] EN  
[54] **KEEPING SEWER DRAINLINES CLEAR WITH LOW FLUSH TOILETS OR CISTERNS**  
[54] **DISPOSITIF, PERMETTANT DE CONSERVER DES CONDUITS D'EVACUATION DE RESEAU D'EGOUT DEGAGES, INSTALLE SUR DES TOILETTES OU DES RESERVOIRS DE CHASSE D'EAU A FAIBLE VOLUME**  
[72] CUMMINGS, STEPHEN JOHN, AU  
[73] CAROMA INDUSTRIES LIMITED, AU  
[85] 2008-06-18  
[86] 2006-12-21 (PCT/AU2006/001988)  
[87] (WO2007/079522)  
[30] AU (2006900147) 2006-01-12

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[11] **2,634,107**  
[13] C

[51] **Int.Cl. A23J 3/04 (2006.01) A23D 7/005 (2006.01) A23D 7/015 (2006.01) A23J 3/08 (2006.01) A23J 3/14 (2006.01) A23L 1/24 (2006.01)**  
[25] EN  
[54] **FOOD PRODUCT AND A PROCESS FOR THE PREPARATION THEREOF**  
[54] **PRODUIT ALIMENTAIRE ET PROCEDE D'ELABORATION DUDIT PRODUIT**  
[72] BIALEK, JADWIGA MALGORZATA, NL  
[72] GOLDING, MATTHEW DUNCAN, AU  
[72] REGISMOND, SUDARSHI TANUJA ANGELIQUE, NL  
[73] UNILEVER PLC, GB  
[85] 2008-06-18  
[86] 2006-12-18 (PCT/EP2006/012326)  
[87] (WO2007/071403)  
[30] EP (05077967.7) 2005-12-21

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[11] **2,634,918**  
[13] C

[51] **Int.Cl. G06F 17/30 (2006.01) G06F 15/00 (2006.01)**  
[25] EN  
[54] **ANALYZING CONTENT TO DETERMINE CONTEXT AND SERVING RELEVANT CONTENT BASED ON THE CONTEXT**  
[54] **ANALYSE D'UN CONTENU PERMETTANT DE DETERMINER UN CONTEXTE ET UN CONTENU PERTINENT DE SERVICES BASE SUR LE CONTEXTE**  
[72] SRAVANAPUDI, AJAY, US  
[72] SUTLER, MICHAEL BRANDON, US  
[72] DEVAND, SACHIN, US  
[72] KALAPUTAPU, RAVI, US  
[72] BLACKWELL, ARSHAVIR, US  
[73] LUCIDMEDIA NETWORKS, INC., US  
[85] 2008-06-23  
[86] 2006-12-22 (PCT/US2006/049156)  
[87] (WO2007/076080)  
[30] US (60/752,594) 2005-12-22

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[11] **2,635,879**  
[13] C

[51] **Int.Cl. H04R 19/00 (2006.01) H04R 1/26 (2006.01)**  
[25] EN  
[54] **ELECTROSTATIC LOUDSPEAKER SYSTEMS AND METHODS**  
[54] **SYSTEMES DE HAUT-PARLEUR ELECTROSTATIQUE ET PROCEDES ASSOCIES**  
[72] TUOMY, JAMES M., US  
[72] DE HAAN, HIDDE, TH  
[72] BUINING, RONALD, NL  
[72] BASTIAENS, GASTON, BE  
[72] HOOGSTRAATEN, TON, NL  
[73] TRANSPARENT SOUND TECHNOLOGY B.V., NL  
[85] 2008-06-30  
[86] 2006-12-29 (PCT/US2006/049633)  
[87] (WO2007/081584)  
[30] US (60/755,928) 2006-01-03  
[30] US (60/811,951) 2006-06-08

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[11] **2,636,217**  
[13] C

[51] **Int.Cl. A61K 31/549 (2006.01) A61K 47/32 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **IRRADIATED COMPOSITIONS AND TREATMENT OF CANCERS WITH RADIATION IN COMBINATION WITH TAUROLIDINE AND/OR TAURULTAM**  
[54] **COMPOSITIONS IRRADIEES ET TRAITEMENT DE CANCERS AVEC UN RAYONNEMENT EN COMBINAISON AVEC LA TAUROLIDINE ET/OU LE TAURULTAM**  
[72] REDMOND, PAUL H., IE  
[72] PFIRRMANN, ROLF W., CH  
[73] ED. GEISTLICH SOEHNE AG FUER CHEMISCHE INDUSTRIE, CH  
[85] 2008-07-03  
[86] 2007-01-04 (PCT/IB2007/000022)  
[87] (WO2007/077528)  
[30] US (60/756,569) 2006-01-06  
[30] US (60/763,909) 2006-02-01  
[30] US (60/842,156) 2006-09-05

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[11] **2,636,244**  
[13] C

[51] **Int.Cl. H04L 9/00 (2006.01)**  
[25] EN  
[54] **ONLINE DATA ENCRYPTION AND DECRYPTION**  
[54] **PROCEDE, APPAREIL ET SYSTEME ASSISTES PAR ORDINATEUR DE POURSUITE, NAVIGATION ET POURSUITE DE MOUVEMENTS**  
[72] VARGHESE, THOMAS EMMANUAL, US  
[72] HARRIS, STEVEN LUCAS, US  
[72] FISHER, JON BRYAN, US  
[72] DURAI, DON BOSCO, US  
[73] ORACLE INTERNATIONAL CORPORATION, US  
[85] 2008-07-03  
[86] 2007-01-25 (PCT/US2007/001899)  
[87] (WO2007/087352)  
[30] US (11/340,376) 2006-01-25

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[11] **2,636,468**  
[13] C

[51] **Int.Cl. C05C 1/00 (2006.01) C05C 11/00 (2006.01) C05G 1/06 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS COMPRISING AMMONIUM NITRATE DOUBLE SALTS**  
[54] **COMPOSITIONS CONTENANT DES SELS DOUBLES DE NITRATE D'AMMONIUM**  
[72] KWEEEDER, JAMES A., US  
[72] IWAMOTO, NANCY, US  
[73] HONEYWELL INTERNATIONAL INC., US  
[85] 2008-07-08  
[86] 2007-01-13 (PCT/US2007/060534)  
[87] (WO2007/084872)  
[30] US (60/759,121) 2006-01-13  
[30] US (11/622,939) 2007-01-12

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[11] **2,636,900**  
[13] C

[51] **Int.Cl. C22C 9/02 (2006.01) B22F 7/04 (2006.01) C22C 1/05 (2006.01) C22C 9/05 (2006.01) C22C 32/00 (2006.01) F16C 33/06 (2006.01) F16C 33/12 (2006.01)**  
[25] EN  
[54] **COPPER-BASED SINTERED SLIDE MEMBER**  
[54] **ELEMENT COULISSANT FRITTE A BASE DE CUIVRE**  
[72] IWAHASHI, SHOICHIRO, JP  
[72] KATO, KAZUO, JP  
[72] SHIROSAKI, TAKEHIRO, JP  
[72] KIKKAWA, TAKASHI, JP  
[73] OILES CORPORATION, JP  
[85] 2008-07-11  
[86] 2007-01-15 (PCT/JP2007/000012)  
[87] (WO2007/080824)  
[30] JP (2006-007315) 2006-01-16

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[11] **2,636,993**  
[13] C

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) C07D 239/28 (2006.01) C07D 401/14 (2006.01)**  
[25] EN  
[54] **PYRIMIDINE DERIVATIVES USED AS PI-3 KINASE INHIBITORS**  
[54] **DERIVES DE PYRIMIDINE UTILISES EN TANT QU'INHIBITEURS DE KINASE PI-3**  
[72] BURGER, MATTHEW, US  
[72] NI, ZHI-JIE, US  
[72] PECCHI, SABINA, US  
[72] ATALLAH, GORDANA, US  
[72] BARTULIS, SARAH, US  
[72] FRAZIER, KELLY, US  
[72] SMITH, AARON, US  
[72] VERHAGEN, JOELLE, US  
[72] ZHANG, YANCHEN, US  
[72] WAGMAN, ALLAN, US  
[72] NG, SIMON, US  
[72] PFISTER, KEITH, US  
[72] POON, DANIEL, US  
[72] LOUIE, ALICIA, US  
[72] PICK, TERESA, US  
[72] BARSANTI, PAUL, US  
[72] IWANOWICZ, EDWIN, US  
[72] FANTL, WENDY, US  
[72] HENDRICKSON, THOMAS, US  
[72] KNAPP, MARK, US  
[72] MERRITT, HANNE, US  
[72] VOLIVA, CHARLES, US  
[72] WIESMANN, MARION, US  
[72] XIN, XIAHUA, US  
[73] NOVARTIS AG, CH  
[85] 2008-07-11  
[86] 2007-01-22 (PCT/US2007/001708)  
[87] (WO2007/084786)  
[30] US (60/760,789) 2006-01-20

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[11] **2,637,053**  
[13] C

[51] **Int.Cl. A61F 2/14 (2006.01) A61F 2/16 (2006.01) A61F 9/01 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CONTROLLING PERIPHERAL IMAGE POSITION FOR REDUCING PROGRESSION OF MYOPIA**

[54] **PROCEDE ET APPAREIL POUR REGULER LA POSITION D'UNE IMAGE PERIPHERIQUE AFIN DE REDUIRE LA PROGRESSION DE LA MYOPIE**

[72] HO, ARTHUR, AU

[72] SMITH, EARL LEO, III, US

[72] SANKARIDURG, PADMAJA, AU

[72] HOLDEN, BRIEN ANTHONY, AU

[73] BRIEN HOLDEN VISION INSTITUTE, AU

[85] 2008-07-11

[86] 2007-01-11 (PCT/US2007/060395)

[87] (WO2007/082268)

[30] US (60/758,316) 2006-01-12

[30] US (60/782,658) 2006-03-15

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[11] **2,637,273**  
[13] C

[51] **Int.Cl. C22C 21/02 (2006.01) B21K 7/12 (2006.01) C22C 21/06 (2006.01) C22F 1/05 (2006.01) C22F 1/00 (2006.01)**

[25] EN

[54] **ALUMINUM ALLOY FORGING MEMBER AND METHOD FOR PRODUCING THE SAME**

[54] **ELEMENT FORGE D'ALLIAGE D'ALUMINIUM ET SON PROCEDE DE PRODUCTION**

[72] NAKAI, MANABU, JP

[72] INAGAKI, YOSHIYA, JP

[72] FUKUDA, ATSUMI, JP

[73] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP

[85] 2008-07-15

[86] 2007-03-23 (PCT/JP2007/056024)

[87] (WO2007/114078)

[30] JP (2006-098642) 2006-03-31

[30] JP (2006-332194) 2006-12-08

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[11] **2,637,308**  
[13] C

[51] **Int.Cl. C07D 405/06 (2006.01) A61K 31/4174 (2006.01) A61K 31/4178 (2006.01) A61P 25/00 (2006.01) C07D 233/54 (2006.01)**

[25] EN

[54] **USE OF 4-IMIDAZOLE DERIVATIVES FOR CNS DISORDERS**

[54] **UTILISATION DE DERIVES DE 4-IMIDAZOLE CONTRE LES TROUBLES DU SNC**

[72] GALLEY, GUIDO, DE

[72] GROEBKE ZBINDEN, KATRIN, CH

[72] HOENER, MARIUS, CH

[72] NORCROSS, ROGER, CH

[72] STALDER, HENRI, CH

[73] F. HOFFMANN-LA ROCHE AG, CH

[85] 2008-07-16

[86] 2007-01-17 (PCT/EP2007/050441)

[87] (WO2007/085556)

[30] EP (06100938.7) 2006-01-27

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[11] **2,637,625**  
[13] C

[51] **Int.Cl. C09D 4/00 (2006.01) B05D 7/00 (2006.01)**

[25] EN

[54] **ELECTRONIC DEVICES WITH PROTECTIVE COATINGS AND METHOD FOR MAKING THE SAME**

[54] **DISPOSITIFS ELECTRONIQUES AVEC REVETEMENTS PROTECTEURS ET LEUR PROCEDE DE FABRICATION**

[72] COULSON, STEPHEN, GB

[73] P21 LTD., GB

[85] 2008-07-17

[86] 2007-01-19 (PCT/GB2007/000149)

[87] (WO2007/083122)

[30] GB (0601117.5) 2006-01-20

[30] US (60/762,242) 2006-01-26

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[11] **2,637,906**  
[13] C

[51] **Int.Cl. E21B 7/02 (2006.01) E21B 15/00 (2006.01)**

[25] EN

[54] **APPARATUS FOR DRILLING MACHINE ALIGNMENT**

[54] **APPAREILLAGE D'ALIGNEMENT DE FOREUSE**

[72] KOSORIC, DRAGAN, CA

[73] KOSORIC, DRAGAN, CA

[86] (2637906)

[87] (2637906)

[22] 2008-07-10

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[11] **2,637,939**  
[13] C

[51] **Int.Cl. F16L 19/02 (2006.01) F16L 37/088 (2006.01)**

[25] EN

[54] **ADAPTOR AND METHOD FOR CONVERTING STANDARD TUBE FITTING/PORT TO PUSH-TO-CONNECT TUBE FITTING/PORT**

[54] **ADAPTATEUR ET PROCEDE DE CONVERSION D'UN RACCORD DE TUBE STANDARD EN UN RACCORD DE TUBE A ENFONCER**

[72] UDHOFFER, ANDREAS, DE

[72] EHRKE, DIETER, DE

[72] GIROD, KENNETH P., US

[72] MOREIRAS, LUIS, US

[72] WEIL, ANDREAS, US

[72] PATEL, HIRALAL, US

[72] YU, LE, US

[73] PARKER-HANNIFIN CORPORATION, US

[85] 2008-07-21

[86] 2006-07-20 (PCT/US2006/028125)

[87] (WO2007/084183)

[30] US (60/760,553) 2006-01-20

[30] DE (20 2006 008 916.0) 2006-06-02

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[11] **2,638,634**  
[13] C

[51] **Int.Cl. A47G 1/12 (2006.01) A47G 1/16 (2006.01) A47G 33/00 (2006.01) E04H 13/00 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR FIXING COMMEMORATIVE AND SIMILAR INSCRIPTIONS**

[54] **DISPOSITIF ET METHODE DE FIXATION D'INSCRIPTIONS COMMEMORATIVES ET D'INSCRIPTIONS SEMBLABLES**

[72] BIONDAN, GIOVANNI, IT

[73] BIONDAN S.P.A., IT

[86] (2638634)

[87] (2638634)

[22] 2008-08-12

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[54] **UTILITY TUB WITH REMOVABLE RACK**  
[54] **BAIGNOIRE DOTÉE D'UN SUPPORT AMOVIBLE**  
[72] LEE, CHIA YING, US  
[72] HOERNIG, VICTOR, US  
[73] MASCO BATH CORPORATION, US  
[86] (2639213)  
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[22] 2008-08-28  
[30] US (11/876,791) 2007-10-23

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[54] **MELANGES DE CAOUTCHOUC**  
[72] HASSE, ANDRE, DE  
[72] KORTH, KARSTEN, DE  
[72] KIEFER, INGO, DE  
[72] WITZSCHE, SUSANN, DE  
[72] ALBERT, PHILIPP, DE  
[72] KLOCKMANN, OLIVER, DE  
[73] EVONIK DEGUSSA GMBH, DE  
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[25] EN  
[54] **RETURN SPRING ASSEMBLY FOR A LOCK MECHANISM**  
[54] **ENSEMBLE RESSORT DE RAPPEL POUR UN MECANISME DE SERRURE**  
[72] ZIMMER, TODD, C., US  
[73] SARGENT MANUFACTURING COMPANY, US  
[85] 2008-07-24  
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[30] US (11/346,782) 2006-02-02

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[25] EN  
[54] **HEAT SINK COMPRISING A TUBE THROUGH WHICH COOLING MEDIUM FLOWS**  
[54] **REFROIDISSEUR DOTÉ D'UN TUBE TRAVERSE PAR UN FLUIDE DE REFROIDISSEMENT**  
[72] HOFFMANN, INGOLF, DE  
[72] KNAUER, HANS, DE  
[72] REISCHER, WILHELM, AT  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2008-07-28  
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[25] EN  
[54] **HYBRID PROMOTER FOR USE IN PLANTS**  
[54] **PROMOTEUR D'HYBRIDATION CONÇU POUR LES PLANTES**  
[72] FINCHER, KAREN L., US  
[72] FLASINSKI, STANISLAW, US  
[72] WILKINSON, JACK Q., US  
[73] MONSANTO TECHNOLOGY LLC, US  
[86] (2641218)  
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[25] EN  
[54] **A SYSTEM, AN ARRANGEMENT AND A METHOD FOR END USER AUTHENTICATION**  
[54] **SYSTEME, AGENCEMENT ET PROCEDE D'AUTHENTIFICATION D'UTILISATEUR FINAL**  
[72] SCHUBERTH, ULF, SE  
[73] MIDEYE AB, SE  
[85] 2008-07-30  
[86] 2006-02-03 (PCT/SE2006/000157)  
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[11] **2,641,750**

[13] C

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[25] EN  
[54] **RECOMMENDED RECORDING AND DOWNLOADING GUIDES**  
[54] **GUIDES D'ENREGISTREMENTS ET TELECHARGEMENTS RECOMMANDES**  
[72] BARTON, JAMES, US  
[72] FEDER, ADAM, US  
[72] BEACH, BRIAN, US  
[73] TIVO INC., US  
[85] 2008-08-07  
[86] 2007-02-06 (PCT/US2007/003129)  
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[25] EN  
[54] **CASCADE COOLING SYSTEM WITH INTERCYCLE COOLING**  
[54] **SYSTEME DE REFROIDISSEMENT EN CASCADE AVEC REFROIDISSEMENT A CYCLES INTERMEDIAIRES**  
[72] ALI, MASOOD M., US  
[73] HEATCRAFT REFRIGERATION PRODUCTS LLC, US  
[86] (2642786)  
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[73] PHARMA CONSULT GES.M.B.H. &  
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[54] **METHOD AND APPARATUS FOR  
COOLING SEMICONDUCTOR  
CHIPS**  
[54] **PROCEDE ET APPAREIL DE  
REFROIDISSEMENT DE PUCES  
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[72] LENHARDT, RONALD ROBERT  
JAMES, CA  
[73] BLUE ZONE 40 INC., CA  
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DEVICE**  
[54] **ANTIDEVIREUR A RESSORT**  
[72] BRAUNLICH, THOMAS, FR  
[72] LEROY, HERVE, FR  
[72] BERNARD, ETIENNE, FR  
[73] BERNARD CONTROLS, FR  
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[25] EN  
[54] **CHUCK BODY FOR A CHUCK,  
CHUCK AND METHOD FOR  
DETERMINING A CLAMPING  
FORCE ON SUCH A CHUCK**  
[54] **CORPS DE MANDRIN POUR UN  
MANDRIN DE SERRAGE,  
MANDRIN DE SERRAGE ET  
DISPOSITIF DE  
DETERMINATION D'UNE FORCE  
DE SERRAGE SUR UN TEL  
MANDRIN DE SERRAGE**  
[72] WELLER, HANS-MICHAEL, DE  
[72] MANDARELLO, ATTILIO, DE  
[73] HAINBUCH GMBH SPANNENDE  
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[85] 2008-09-16  
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[30] DE (10 2006 013 935.6) 2006-03-16

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[25] EN  
[54] **A PLANET CARRIER OF A  
PLANETARY STAGE WITH A  
BOGIE PLATE**  
[54] **SUPPORT D'ETAGE PLANETAIRE  
AVEC PLAQUE DE BOGIE DE  
ROULEMENT**  
[72] SAENZ DE UGARTE, PATRIK, ES  
[72] BARANANO ETXEBARRIA,  
JAVIER, ES  
[72] SMOOK, WARREN GREGORY, BE  
[72] VERBIEST, RIK, BE  
[73] GAMESA INNOVATION &  
TECHNOLOGY, S.L., ES  
[73] ZF WIND POWER ANTWERPEN NV,  
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[86] (2646740)  
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[25] EN  
[54] **PROCESS FOR MAKING  
OPHTHALMIC LENSES**  
[54] **PROCEDE DE FABRICATION DE  
LENTILLES  
OPHTALMOLOGIQUES**  
[72] ALLI, AZAAM, US  
[72] ZANINI, DIANA, US  
[72] FORD, JAMES D., US  
[72] MAHADEVAN, SHIVKUMAR, US  
[72] CANAVAN, KRISTY, US  
[72] TURNER, DAVID C., US  
[73] JOHNSON & JOHNSON VISION  
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A01N 25/30 (2006.01) A01N 43/54  
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[25] EN  
[54] **MICROEMULSIFIABLE  
FORMULATIONS COMPRISING  
AZOXYSTROBIN AND  
PROPICONAZOLE**  
[54] **FORMULATIONS  
MICROEMULSIFIABLES  
COMPRENANT DE  
L'AZOXYSTROBINE ET DU  
PROPICONAZOLE**  
[72] CUSH, RANDALL, US  
[72] PARKER, KEITH, US  
[72] DIPAOLO, JOSEPH, US  
[72] ROSS, DAVID, US  
[73] SYNGENTA PARTICIPATIONS AG,  
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[85] 2008-09-24  
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[54] **LATCH SYSTEM FOR SLIDING  
PANEL IN VEHICLE**  
[54] **SYSTEME DE VERROUILLAGE  
DESTINE A UN PANNEAU  
COULISSANT DISPOSE DANS UN  
VEHICULE**  
[72] VANDENHEUVEL, JOEL E., US  
[72] GOSSETT, PAUL L., US  
[72] NURENBERG, RANDY W., US  
[72] LUCHIES, JERRY J., US  
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G06T 11/60 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR  
COMIC CREATION AND EDITING**  
[54] **SYSTEME ET PROCEDE DE  
CREATION ET D'EDITION D'UNE  
BEDE**  
[72] GOODINSON, CLIVE, CA  
[73] PIXTON COMICS INC., CA  
[86] (2648408)  
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A61K 9/32 (2006.01) A61K 31/5585  
(2006.01)**  
[25] EN  
[54] **AN OSMOTIC DRUG DELIVERY  
SYSTEM**  
[54] **SYSTEME D'ADMINISTRATION  
D'UN MEDICAMENT PAR  
OSMOSE**  
[72] KIDANE, ARGAW, US  
[72] BHATT, PADMANABH P., US  
[73] SUPERNUS PHARMACEUTICALS,  
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[85] 2008-10-14  
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[13] C

[51] **Int.Cl. H02J 13/00 (2006.01) H02J  
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[25] EN  
[54] **ELECTRICAL POWER  
DISTRIBUTION CONTROL  
SYSTEMS AND PROCESSES**  
[54] **SYSTEMES ET PROCESSUS DE  
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D'ENERGIE ELECTRIQUE**  
[72] BELL, DAVID G., US  
[72] WILSON, THOMAS L., US  
[72] HEMMELMAN, KENNETH M., US  
[73] PROGRAMMABLE CONTROL  
SERVICES, INC., US  
[86] (2649838)  
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[22] 2006-04-06  
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[13] C

[51] **Int.Cl. B60W 20/00 (2006.01) B60W  
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F02D 37/00 (2006.01) F02M 25/07  
(2006.01)**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR  
REDUCING NITROGEN OXIDE  
EMISSIONS IN GENSET SYSTEMS**  
[54] **PROCEDE ET APPAREIL DE  
REDUCTION DES EMISSIONS  
D'OXYDE D'AZOTE DANS DES  
GROUPES ELECTROGENES**  
[72] BOUCHON, NICOLAS, CA  
[72] COLLINS, HEIDI, CA  
[72] BOUVIER, MATHIEU, CA  
[73] AZURE DYNAMICS INC., CA  
[85] 2008-10-23  
[86] 2007-05-08 (PCT/CA2007/000800)  
[87] (WO2007/128125)  
[30] US (60/798,901) 2006-05-09

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[13] C

[51] **Int.Cl. C12N 5/071 (2010.01) C12N  
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(2010.01)**  
[25] EN  
[54] **METHOD OF DIFFERENTIATING  
STEM CELLS INTO CELLS OF  
THE ENDODERM AND  
PANCREATIC LINEAGE**  
[54] **PROCEDE PERMETTANT DE  
DIFFERENCIER DES CELLULES  
SOUCHES EN CELLULES DE  
LIGNEES ENDODERMIQUE ET  
PANCREATIQUE**  
[72] ODORICO, JON, US  
[72] XU, XIAOFANG, US  
[73] WISCONSIN ALUMNI RESEARCH  
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[85] 2008-10-23  
[86] 2007-05-02 (PCT/US2007/010662)  
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[30] US (60/796,662) 2006-05-02

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[13] C

[51] **Int.Cl. F16K 15/20 (2006.01)**  
[25] EN  
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INFLATABLES**  
[54] **VALVE DE FERMETURE DOUBLE  
POUR DISPOSITIFS  
GONFLABLES**  
[72] KELLY, LUKE E., US  
[73] THE COLEMAN COMPANY, INC.,  
US  
[85] 2008-10-27  
[86] 2007-04-27 (PCT/US2007/067605)  
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[30] US (60/745,764) 2006-04-27  
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[25] EN

[54] **HIGH FLUX AND SELECTIVITY SAPO-34 MEMBRANES FOR CO<sub>2</sub>/CH<sub>4</sub> SEPARATIONS**

[54] **MEMBRANES SAPO-34 A FLUX ET SELECTIVITE ELEVES POUR SEPARATIONS CO<sub>2</sub>/CH<sub>4</sub>**

[72] LI, SHIGUANG, US

[72] FALCONER, JOHN L., US

[72] NOBLE, RICHARD D., US

[73] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US

[85] 2008-10-30

[86] 2007-05-09 (PCT/US2007/068542)

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[30] US (60/800,343) 2006-05-15

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[51] **Int.Cl. C11D 17/04 (2006.01) B65D 81/00 (2006.01)**

[25] EN

[54] **KIT FOR RELEASE OF LAUNDRY COMPOSITIONS AT DIFFERENT STAGES IN THE LAUNDRY CYCLE**

[54] **ARTICLE POUR LA LIBERATION DE COMPOSITIONS NETTOYANTES A DIVERSES ETAPES DU CYCLE DE LAVAGE**

[72] JOINSON, LESLIE JOSEPH LUKE, GB

[73] THE SUN PRODUCTS CORPORATION, US

[85] 2008-11-05

[86] 2007-05-24 (PCT/EP2007/055067)

[87] (WO2008/000567)

[30] GB (0613069.4) 2006-06-30

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[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) C12Q 1/02 (2006.01) G01N 33/15 (2006.01) G01N 33/543 (2006.01) C12P 19/34 (2006.01)**

[25] EN

[54] **HLA ALLELES ASSOCIATED WITH ADVERSE DRUG REACTIONS AND METHODS FOR DETECTING SUCH**

[54] **ALLELES DE HLA ASSOCIES A DES REACTIONS INDESIRABLES A UN MEDICAMENT ET METHODES DE DETECTION AFFERENTES**

[72] CHEN, YUAN-TSONG, TW

[72] HUNG, SHUEN-LU, TW

[72] SHEN, CHIH-LUNG, TW

[72] CHANG, CHI-FENG, TW

[72] LIN, HSIN-YU, TW

[72] CHEN, WEI-HSUAN, TW

[73] ACADEMIA SINICA, TW

[73] PHARMIGENE INC., TW

[85] 2008-11-10

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[30] US (60/800,121) 2006-05-11

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[13] C

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[25] EN

[54] **MOBILE CRUSHER UNIT**

[54] **INSTALLATION DE CONCASSAGE MOBILE**

[72] KOLLETH, HORST, DE

[73] THYSSSENKRUPP FOERDERTECHNIK GMBH, DE

[85] 2008-11-25

[86] 2007-08-23 (PCT/EP2007/007399)

[87] (WO2008/031490)

[30] DE (10 2006 043 268.1) 2006-09-11

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[13] C

[51] **Int.Cl. A61K 38/57 (2006.01) A01N 1/02 (2006.01) A61P 37/06 (2006.01)**

[25] EN

[54] **INHIBITORS OF SERINE PROTEASE ACTIVITY AND THEIR USE IN METHODS AND COMPOSITIONS FOR TREATMENT OF GRAFT REJECTION AND PROMOTION OF GRAFT SURVIVAL**

[54] **INHIBITEURS DE L'ACTIVITE SERINE PROTEASE ET LEUR UTILISATION DANS DES PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DU REJET DU GREFFON ET LA PROMOTION DE LA SURVIE DU GREFFON**

[72] SHAPIRO, LELAND, US

[72] LEWIS, ELI C., US

[72] DINARELLO, CHARLES A., US

[73] THE REGENTS OF THE UNIVERSITY OF COLORADO, US

[85] 2008-12-04

[86] 2006-06-07 (PCT/US2006/022436)

[87] (WO2006/133403)

[30] US (60/687,850) 2005-06-07

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[13] C

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[25] EN

[54] **THERAPEUTIC OR PROPHYLACTIC AGENT FOR ALLERGIC DERMATITIS**

[54] **AGENT THERAPEUTIQUE OU PROPHYLACTIQUE DESTINE A TRAITER UNE DERMATITE ALLERGIQUE**

[72] KAINO, MIE, JP

[72] MEGURO, HIROYUKI, JP

[73] TORAY INDUSTRIES, INC., JP

[85] 2008-12-12

[86] 2007-06-14 (PCT/JP2007/062017)

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[30] JP (2006-164520) 2006-06-14

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[13] C

[51] **Int.Cl. C07C 213/08 (2006.01) C07C 215/54 (2006.01) C07C 219/22 (2006.01)**

[25] EN

[54] **PREPARATION OF 3-[(1R,2R)-3-(DIMETHYLAMINO)-1-ETHYL-2-METHYLPROPYL]PHENOL**

[54] **ELABORATION DE 3-[(1R,2R)-3-(DIMETHYLAMINO)-1-ETHYL-2-METHYLPROPYL]PHENOL**

[72] HELL, WOLFGANG, DE

[73] GRUENENTHAL GMBH, DE

[85] 2009-01-22

[86] 2007-07-23 (PCT/EP2007/006514)

[87] (WO2008/012046)

[30] EP (06015317.8) 2006-07-24

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[13] C

[51] **Int.Cl. F41H 3/00 (2006.01) F41H 3/02 (2006.01)**

[25] FR

[54] **COVER FOR CAMOUFLAGE AGAINST ELECTROMAGNETIC RADIATION**

[54] **COUVERTURE DE CAMOUFLAGE CONTRE LES RADIATIONS ELECTROMAGNETIQUES**

[72] FLAVIN, EDOUARD, FR

[73] MBDA FRANCE, FR

[85] 2009-02-02

[86] 2007-09-10 (PCT/FR2007/001455)

[87] (WO2008/031934)

[30] FR (0608040) 2006-09-14

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[11] **2,659,851**  
[13] C

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/519 (2006.01)**

[25] EN

[54] **2-METHYLMORPHOLINE PYRIDO-, PYRAZO- AND PYRIMIDO-PYRIMIDINE DERIVATIVES AS MTOR INHIBITORS**

[54] **DERIVES DE LA 2-METHYLMORPHOLINE PYRIDO-, PYRAZO- ET PYRIMIDO-PYRIMIDINE EN TANT QU'INHIBITEURS DE MTOR**

[72] DUGGAN, HEATHER MARY ELLEN, GB

[72] LEROUX, FREDERIC GEORGES MARIE, GB

[72] MALAGU, KARINE, GB

[72] MARTIN, NIALL MORRISSON BARR, GB

[72] MENEAR, KEITH ALLAN, GB

[72] SMITH, GRAEME CAMERON MURRAY, GB

[73] KUDOS PHARMACEUTICALS LIMITED, GB

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[54] **TIGE DE BOUCHAGE**

[72] ZOPPAS, MATTEO, IT

[72] BAZZO, ANDREA, IT

[72] ROSSI, MASSIMO, IT

[72] PILAT, LORIS, IT

[73] S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A., IT

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[54] **INSTALLATION FOR TRANSPORTING PERSONS DOWNWARD FROM A MOUNTAIN STATION TO A VALLEY STATION**

[54] **INSTALLATION POUR PASSAGERS DESCENDANT D'UNE STATION DE MONTAGNE VERS UNE STATION DE VALLEE**

[72] BISCHOFBERGER, MARKUS, AT

[73] INNOVA PATENT GMBH, AT

[86] (2666128)

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[51] **Int.Cl. G01N 33/564 (2006.01) G01N 33/543 (2006.01) G01N 33/569 (2006.01)**

[25] EN

[54] **METHODS FOR THE DETECTION AND DIAGNOSIS OF TRYPANOSOMA CRUZI INFECTION**

[54] **PROCEDES POUR LA DETECTION ET LE DIAGNOSTIC D'UNE INFECTION TRYPANOSOMA CRUZI**

[72] SHAH, DINESH O., US

[72] CHANG, CHI-DEU, US

[72] SCHOCHETMAN, GERALD, US

[72] CHENG, KEVIN Y., US

[73] ABBOTT LABORATORIES, US

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[54] **PRODUITS DE SOIN PERSONNEL, ET PROCEDES ASSOCIES**  
[72] FARRELL, MARK EDWARD, US  
[72] CHENVAINU, ALEXANDER TIMOTHY, US  
[72] ORTINS, MARC PHILLIP, US  
[72] DENISHENKO, VADIM, US  
[72] DE CASTRO, JOSE TADEO VERGARA, US  
[72] TRAWINSKI, PETER HANS ROLF, DE  
[72] HILSCHER, ALEXANDER, DE  
[72] SCHREMPPEL, BERT, DE  
[72] STRATMANN, MARTIN, DE  
[72] SAGEL, PAUL ALBERT, US  
[72] BRAUN, PHILLIP MAURICE, US  
[73] THE GILLETTE COMPANY, US  
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[54] **TOOL HEAD FOR A PIPE CUTTING MACHINE**  
[54] **TETE D'OUTIL POUR UNE MACHINE COUPE-TUBES**  
[72] RATTUNDE, ULRICH, DE  
[73] RATTUNDE & CO GMBH, DE  
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[54] **DISPOSITIF DE QUEUE DE TRAIN POUR TRAINS A FREIN ELECTROMAGNETIQUE**  
[72] ROOT, KEVIN B., US  
[72] STEVENS, DALE R., US  
[72] LUMBIS, ANTHONY W., US  
[72] PERRY, ALEXANDER G., CA  
[73] NEW YORK AIR BRAKE CORPORATION, US  
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[25] EN  
[54] **RADIATION PROCESSING OF HEAVY OILS**  
[54] **TRAITEMENT DES HUILES LOURDES PAR RAYONNEMENT**  
[72] AL-SHEIKHLY, MOHAMAD, US  
[72] SILVERMAN, JOSEPH, US  
[73] PETRORADIANT INC., US  
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[54] **BATON DE HOCKEY SUR GLACE A SECTION TRANSVERSALE VARIABLE**  
[72] PEARSON, ROBERT TIMOTHY, US  
[72] DROUIN, VINCENT, CA  
[73] SPORT MASKA INC., CA  
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[54] **REDUCTION DES EFFETS SECONDAIRES ASSOCIES A LA THERAPIE PHOTODYNAMIQUE A BASE D'ALA**  
[72] WULF, HANS CHRISTIAN, DK  
[72] GODAL, ASLAK, NO  
[72] KLAVENESS, JO, NO  
[73] PHOTOCURE ASA, NO  
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[54] **IMPACT SHOCK ABSORBING MATERIAL**  
[54] **MATERIAU ABSORBANT UN CHOC D'IMPACT**  
[72] FERGUSON, JAMES RIDDELL, US  
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[85] 2009-07-16  
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[54] **AIR DIFFUSER AND METHOD FOR CREATING AN AIR DIFFUSER**  
[54] **DIFFUSEUR D'AIR ET SON PROCEDE DE FABRICATION**  
[72] KAUFMANN, NICHOLAS L., US  
[72] GEBKE, KEVIN J., US  
[72] HEIM, FRANK, US  
[72] PASCHKE, NICOLAS B., US  
[72] PINKALLA, CARY, US  
[73] RITE-HITE HOLDING CORPORATION, US  
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[54] **DISPOSITIF POUR PULVERISATION DE FLUIDE**  
[72] CHENG, MENG-FENG, TW  
[73] GLOBE UNION INDUSTRIAL CORP., TW  
[86] (2678080)  
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[54] **PROCESS FOR PREPARING ULTRA-FINE SODIUM BICARBONATE POWDER**  
[54] **PROCEDE DE PREPARATION DE POUDRE ULTRAFINE DE BICARBONATE DE SOUDE**  
[72] LEFAS, JOHN, US  
[72] D'UVA, SALVATORE, CA  
[72] HU, JIANZHONG, CA  
[72] TINSON, ART, CA  
[73] INGENIA POLYMERS CORP., CA  
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[54] **USE OF 4-CYCLOPROPYLMETHOXY-N-(3,5-DICHLORO-1-OXIDOPYRIDIN-4-YL)-5-(METHOXY)PYRIDINE-2-CARBOXAMIDE FOR THE TREATMENT OF MOTOR DISORDERS RELATED TO PARKINSON'S DISEASE**  
[54] **UTILISATION DU 4-CYCLOPROPYLMETHOXY-N-(3,5-DICHLORO-1-OXYDOPYRIDIN-4-YL)-5-(METHOXY)PYRIDINE-2-CARBOXAMIDE POUR LE TRAITEMENT DES DESORDRES MOTEURS LIES A LA MALADIE DE PARKINSON**  
[72] DELAY-GOYET, PHILIPPE, FR  
[72] DELGORGE, CLAIRE, FR  
[72] MENET, CHRISTINE, FR  
[72] POUGHON, GILLES, FR  
[72] RAVINET-TRILLOU, CHRISTINE, FR  
[73] SANOFI-AVENTIS, FR  
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[54] **VERTICAL CURVE SYSTEM FOR SURFACE GRADING**  
[54] **SYSTEME DE COURBE VERTICALE POUR UN NIVELLEMENT DE SURFACE**  
[72] WILLIAMS, MARK, US  
[72] WILLIAMS, ALAN, US  
[73] WILLIAMS, MARK, US  
[73] WILLIAMS, ALAN, US  
[85] 2009-10-20  
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[87] (WO2008/130610)  
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[13] C

[51] **Int.Cl. B65D 51/00 (2006.01) A61J 1/20 (2006.01) B01L 3/14 (2006.01) B65D 47/38 (2006.01) B65D 51/22 (2006.01)**  
[25] EN  
[54] **CLOSURE CAP FOR A CONTAINER FOR RECEIVING LIQUIDS AND IN PARTICULAR AN ENTERAL NUTRIENT SOLUTION, AND CONTAINER HAVING SUCH A CLOSURE CAP**  
[54] **COIFFE DE FERMETURE POUR RECIPIENT DESTINE A CONTENIR DES LIQUIDES, EN PARTICULIER UNE SOLUTION NUTRITIVE ENTERALE, ET RECIPIENT MUNI D'UNE TELLE COIFFE DE FERMETURE**  
[72] BRANDENBURGER, TORSTEN, DE  
[72] GREIER, GERHARD, DE  
[72] RAHIMY, ISMAEL, DE  
[73] FRESENIUS KABI DEUTSCHLAND GMBH, DE  
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[86] 2008-05-20 (PCT/EP2008/004016)  
[87] (WO2008/141794)  
[30] DE (10 2007 024 539.6) 2007-05-24

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[25] EN  
[54] **DRIVE CONTROL SYSTEM FOR A VEHICLE AND METHOD**  
[54] **COMMANDE D'ENTRAINEMENT POUR UN VEHICULE ET PROCEDE**  
[72] YOUNG, CHRISTOPHER LEE, US  
[72] MAGNUSON, JASON LEE, US  
[72] MINDEMAN, SPENCER LEE, US  
[73] CLARK EQUIPMENT COMPANY, US  
[85] 2009-11-27  
[86] 2008-05-30 (PCT/US2008/006838)  
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[54] **SHOWER HEAD**  
[54] **POMME DE DOUCHE**  
[72] XU, FENG, CN  
[72] CHENG, MENG FENG, TW  
[73] GLOBE UNION INDUSTRIAL CORP., TW  
[86] (2688817)  
[87] (2688817)  
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[54] **MOP BUCKET**  
[54] **SEAU A VADROUILLE**  
[72] MILLER, JONATHAN, US  
[72] CREVLING, ROBERT L., JR., US  
[72] WOLFE, MELVIN E., JR., US  
[72] GRIFFIN, JOHN, US  
[72] MARTINEZ, DAVID, US  
[73] SHOP-VAC, US  
[73] SHOP VAC CORPORATION, US  
[86] (2689892)  
[87] (2689892)  
[22] 2010-01-08  
[30] US (61/143,323) 2009-01-08  
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[51] **Int.Cl. E21B 49/10 (2006.01)**  
[25] EN  
[54] **DOWNHOLE TOOL WITH EXTENDABLE PROBE FOR PENETRATING MUD CAKE AND RELATED PROBING METHOD**  
[54] **OUTIL DE FOND DE Puits AVEC SONDE EXTENSIBLE POUR PENETRER LE GATEAU DE BOUE ET METHODE DE SONDAGE ASSOCIEE**  
[72] CHURCH, NATHAN, US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[86] (2690688)  
[87] (2690688)  
[22] 2010-01-21  
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[13] C

[51] **Int.Cl. G01R 19/00 (2006.01) G01R 1/04 (2006.01) G01R 21/06 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING CURRENT OUTPUT OF LOW-VOLTAGE PAD-MOUNT DISTRIBUTION POWER TRANSFORMERS**  
[54] **METHODE ET DISPOSITIF DE MESURE DU COURANT DE SORTIE DES TRANSFORMATEURS D'ALIMENTATION A DISTRIBUTION BASSE TENSION SUR DALLE DE BETON**  
[72] COOPER, DAVID MICHAEL, US  
[72] STEWART, THOMAS TAYLOR, US  
[72] HIELKEMA, GARY LEE, US  
[73] ELSTER SOLUTIONS, LLC, US  
[86] (2691270)  
[87] (2691270)  
[22] 2010-01-29  
[30] US (61/148,698) 2009-01-30

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[13] C

[51] **Int.Cl. H04L 1/20 (2006.01) H04B 1/10 (2006.01) H04L 1/22 (2006.01)**  
[25] EN  
[54] **FORWARD ERROR CORRECTION DECODING AVOIDANCE BASED ON PREDICTED CODE BLOCK RELIABILITY**  
[54] **EVITEMENT DU DECODAGE DE CORRECTION D'ERREURS SANS CIRCUIT DE RETOUR EN FONCTION DES PREVISIONS DE FIABILITE DES BLOCS DE CODE**  
[72] DUGGAN, JASON ROBERT, CA  
[72] EARNSHAW, ANDREW MARK, CA  
[72] CREAMY, TIMOTHY JAMES, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2694938)  
[87] (2694938)  
[22] 2010-02-26  
[30] EP (09153884.3) 2009-02-27

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[25] EN  
[54] **TUYERE FOR MANUFACTURING MOLTEN IRON AND METHOD FOR INJECTING GAS USING THE SAME**  
[54] **TUYERE POUR LA PRODUCTION DE FER EN FUSION ET PROCEDE D'INJECTION DE GAZ AU MOYEN DE CETTE TUYERE**  
[72] CHO, IL-HYUN, KR  
[72] KIM, DO-SEUNG, KR  
[72] BAE, JIN-CHAN, KR  
[73] POSCO, KR  
[85] 2010-02-18  
[86] 2008-08-29 (PCT/KR2008/005097)  
[87] (WO2009/028909)  
[30] KR (10-2007-0087315) 2007-08-29  
[30] KR (10-2007-0136401) 2007-12-24

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[13] C

[51] **Int.Cl. H04W 24/00 (2009.01) H04J 11/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR DESIGNING A REFERENCE SIGNAL TO BE TRANSMITTED IN A MULTIPLEXED CELLULAR SYSTEM**  
[54] **SYSTEMES ET PROCEDES DE CONCEPTION D'UN SIGNAL DE REFERENCE A EMETTRE DANS UN SYSTEME CELLULAIRE MULTIPLEXE**  
[72] KOWALSKI, JOHN M., US  
[73] HUAWAI TECHNOLOGIES CO., LTD., CN  
[85] 2010-03-01  
[86] 2008-09-05 (PCT/JP2008/066481)  
[87] (WO2009/031703)  
[30] US (11/851,077) 2007-09-06

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[25] EN

[54] **POLYURETHANE COATINGS WITH IMPROVED INTERLAYER ADHESION**

[54] **REVETEMENTS DE POLYURETHANE PRESENTANT UNE ADHESION INTERCOUCHE AMELIOREE**

[72] AKLIAN, JAK, US

[72] TANG, GUANGLIANG, US

[72] ABRAMI, SIAMANTO, US

[73] PRC-DESOTO INTERNATIONAL, INC., US

[85] 2010-03-05

[86] 2008-08-28 (PCT/US2008/074540)

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[30] US (11/852,531) 2007-09-10

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[13] C

[51] **Int.Cl. H01L 33/00 (2010.01) H01L 27/15 (2006.01)**

[25] EN

[54] **SILICON LIGHT EMITTING DEVICE WITH CARRIER INJECTION**

[54] **DISPOSITIF ELECTROLUMINESCENT AU SILICIUM AVEC INJECTION DE PORTEURS**

[72] DU PLESSIS, MONUKO, ZA

[73] INSIAVA (PTY) LIMITED, ZA

[85] 2010-04-08

[86] 2008-10-08 (PCT/IB2008/054122)

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[54] **GROUND SPIKE**

[54] **POINTE DE SOL**

[72] WALKER, SIMON, CA

[72] ZHU, JIANZHONG, CA

[73] PEAK INNOVATIONS INC., CA

[85] 2010-04-09

[86] 2007-10-11 (PCT/CA2007/001814)

[87] (WO2008/046200)

[30] CA (2,563,135) 2006-10-11

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[13] C

[51] **Int.Cl. A61M 16/10 (2006.01) B01D 53/04 (2006.01) C01B 13/02 (2006.01) G01N 27/409 (2006.01) G01N 29/02 (2006.01)**

[25] EN

[54] **OXYGEN CONCENTRATOR**

[54] **CONCENTRATEUR D'OXYGENE**

[72] MAEDA, AKIHIRO, JP

[72] ANDO, MAKOTO, JP

[73] TEIJIN PHARMA LIMITED, JP

[85] 2010-04-30

[86] 2008-11-13 (PCT/JP2008/070670)

[87] (WO2009/063938)

[30] JP (2007-296494) 2007-11-15

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[13] C

[51] **Int.Cl. B05B 1/16 (2006.01) B05B 1/12 (2006.01) B05B 1/18 (2006.01) E03C 1/04 (2006.01) F16K 31/56 (2006.01)**

[25] EN

[54] **HANDHELD WATER DISCHARGING DEVICE**

[54] **DISPOSITIF A DECHARGE D'EAU A MAIN**

[72] HU, XIAODI, CN

[73] GLOBE UNION INDUSTRIAL CORP., TW

[86] (2708454)

[87] (2708454)

[22] 2010-07-14

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[13] C

[51] **Int.Cl. F16J 15/54 (2006.01) B02C 7/08 (2006.01) B02C 7/11 (2006.01) F16J 15/34 (2006.01)**

[25] EN

[54] **SEAL ASSEMBLY WITH SHROUD**

[54] **JOINT D'ETANCHEITE AVEC CARENAGE**

[72] AMBURGEY, MICHAEL DUANE, US

[73] MOYNO, INC., US

[86] (2709452)

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[22] 2010-07-13

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[51] **Int.Cl. H02M 3/335 (2006.01) H02M 1/42 (2007.01) H02M 7/21 (2006.01)**

[25] FR

[54] **AC/DC CONVERTER WITH GALVANIC INSULATION**

[54] **CONVERTISSEUR ALTERNATIF / CONTINU A ISOLEMENT GALVANIQUE**

[72] GUILLOT, FRANCOIS, FR

[72] COURTEILLE, JEAN-MARIE, FR

[73] SAGEM DEFENSE SECURITE, FR

[85] 2010-06-15

[86] 2008-12-09 (PCT/FR2008/001710)

[87] (WO2009/101300)

[30] FR (07 08909) 2007-12-19

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[13] C

[51] **Int.Cl. H05K 7/20 (2006.01) H05K 1/02 (2006.01)**

[25] EN

[54] **CIRCUIT BOARD STRUCTURE HAVING MEASURES AGAINST HEAT**

[54] **STRUCTURE DE CIRCUITS IMPRIMES COMPORTANT DES DISPOSITIONS CONTRE LA CHALEUR**

[72] SHIRAIWA, HIROKI, JP

[72] KIYOSUE, KAZUOMI, JP

[72] NAKASHIMA, AKINORI, JP

[72] SUGIURA, TOMOHIRO, JP

[72] YAMAZAKI, NORIYOSHI, JP

[72] UMEZAKI, MINORU, JP

[73] YAZAKI CORPORATION, JP

[85] 2010-06-17

[86] 2008-12-12 (PCT/JP2008/072660)

[87] (WO2009/081769)

[30] JP (2007-329993) 2007-12-21

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[13] C

[51] **Int.Cl. B01J 23/885 (2006.01) B01J 23/80 (2006.01) C10G 25/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING A FRACTURE-RESISTANT CATALYST FOR DESULPHURIZING GASES**  
[54] **METHODE DE PRODUCTION D'UN CATALYSEUR RESISTANT A LA FRACTURE POUR LA DESULFURATION DE GAZ**  
[72] GROSSMAN, FRANK, DE  
[72] WEGNER, OLIVER, DE  
[72] ROEGER, PETER, DE  
[73] SUED-CHEMIE IP GMBH & CO. KG, DE  
[86] (2711313)  
[87] (2711313)  
[22] 2010-07-23  
[30] DE (10 2009 036 203.7) 2009-08-05

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[11] **2,711,433**  
[13] C

[51] **Int.Cl. C01B 3/38 (2006.01) C01B 3/06 (2006.01) C01B 3/32 (2006.01) C01B 3/48 (2006.01) H01M 8/06 (2006.01) H01M 8/10 (2006.01)**  
[25] EN  
[54] **CYLINDRICAL STEAM REFORMER**  
[54] **REFORMEUR A VAPEUR CYLINDRIQUE**  
[72] ITSUKI, HISAYUKI, JP  
[72] FUJIKI, HIROSHI, JP  
[72] HONDO, MASAKI, JP  
[73] TOKYO GAS COMPANY LIMITED, JP  
[85] 2010-07-05  
[86] 2008-12-26 (PCT/JP2008/073984)  
[87] (WO2009/087955)  
[30] JP (2008-001720) 2008-01-08

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[25] FR  
[54] **APPARATUS FOR AQUATIC EXERCISE**  
[54] **APPAREIL POUR LA GYMNASTIQUE AQUATIQUE**  
[72] SAHUN, STEPHAN, FR  
[72] DOBY, PATRICK, FR  
[72] SAUMUREAU, DAMIEN, FR  
[72] BARBIER, FRANCOIS, FR  
[72] LEFRANCOIS, BENOIT, FR  
[73] DECATHLON, FR  
[85] 2010-07-12  
[86] 2009-01-21 (PCT/FR2009/050079)  
[87] (WO2009/095582)  
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[13] C

[51] **Int.Cl. A61F 7/00 (2006.01) A41D 19/015 (2006.01)**  
[25] EN  
[54] **GARMENT WITH HEATING DEVICE**  
[54] **ARTICLE VESTIMENTAIRE AVEC SYSTEME DE CHAUFFAGE**  
[72] MACHER, DAVID, AT  
[72] KREMER, GERHARD, AT  
[72] MARON, URS, AT  
[73] SIDAS CENTRAL GMBH, AT  
[85] 2010-07-22  
[86] 2009-01-26 (PCT/EP2009/000596)  
[87] (WO2009/092618)  
[30] DE (10 2008 006 939.6) 2008-01-25

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[13] C

[51] **Int.Cl. H04L 5/02 (2006.01) H04W 72/04 (2009.01) H04L 27/26 (2006.01)**  
[25] EN  
[54] **DISTRIBUTED VIRTUAL RESOURCE BLOCK ALLOCATION FOR OFDMA**  
[54] **AFFECTATION DE BLOC DISTRIBUE DE RESSOURCES VIRTUELLES A L'OFDMA**  
[72] AWAD, YASSIN ADEN, JP  
[72] ARNOTT, ROBERT, JP  
[73] NEC CORPORATION, JP  
[85] 2010-07-27  
[86] 2009-01-22 (PCT/JP2009/051391)  
[87] (WO2009/098987)  
[30] GB (0802117.2) 2008-02-05

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[13] C

[51] **Int.Cl. G06F 17/30 (2006.01)**  
[25] EN  
[54] **AUTOMATED BOOLEAN EXPRESSION GENERATION FOR COMPUTERIZED SEARCH AND INDEXING**  
[54] **GENERATION D'EXPRESSION BOOLEENNE AUTOMATISEE PERMETTANT LA RECHERCHE ET L'INDEXAGE INFORMATISES**  
[72] TERNENT, CHAD THOMAS, CA  
[72] REDFERN, DARREN, CA  
[73] INTELLIRESOURCE SYSTEMS INC., CA  
[86] (2713932)  
[87] (2713932)  
[22] 2010-08-30  
[30] US (12/558,001) 2009-09-11

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[13] C

[51] **Int.Cl. B63B 21/50 (2006.01) B63B 22/02 (2006.01)**  
[25] FR  
[54] **FLOATING SUPPORT HAVING A REEL INCLUDING ROLLER BEARINGS OUTSIDE THE WATER**  
[54] **SUPPORT FLOTTANT EQUIPE DE TOUIER COMPRENANT DES PALIERS DE ROULEMENT HORS D'EAU**  
[72] BAYLOT, MICHEL, FR  
[72] DENISE, JEAN-PAUL, FR  
[72] MARTY, THOMAS, FR  
[73] SAIPEM S.A., FR  
[85] 2010-08-09  
[86] 2009-03-18 (PCT/FR2009/050453)  
[87] (WO2009/122098)  
[30] FR (0851832) 2008-03-21

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[25] EN  
[54] **METHOD FOR THE PERMANENT CONNECTION OF WORKPIECES, PRESSING TOOL, AND ATTACHMENT FOR A PRESSING TOOL**  
[54] **PROCEDE D'ASSEMBLAGE PERMANENT DE PIECES, OUTIL DE COMPRESSION ET EMBOUT POUR UN OUTIL DE COMPRESSION**  
[72] HOFMANN, FRANK, DE  
[72] SINOPLU, SUDI, DE  
[72] HUETTE, ANDREAS, DE  
[73] VIEGA GMBH & CO. KG, DE  
[85] 2010-08-19  
[86] 2009-01-30 (PCT/EP2009/051062)  
[87] (WO2009/103605)  
[30] DE (10 2008 010 083.8) 2008-02-19

[11] **2,718,422**

[13] C

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[25] EN  
[54] **LOW ABSORBENCY TAMPON PLEDGET AND METHOD OF TESTING**  
[54] **TAMPON PRESENTANT UNE FAIBLE ABSORPTION ET SON PROCEDE DE TEST**  
[72] JORGENSEN, ROBERT, US  
[72] ABDUL, YINKA, US  
[72] BURKHARDT, PHILIP, US  
[73] PLAYTEX PRODUCTS, LLC, US  
[85] 2010-09-13  
[86] 2009-03-09 (PCT/US2009/036474)  
[87] (WO2009/114448)  
[30] US (61/035,622) 2008-03-11

[11] **2,718,999**

[13] C

- [51] **Int.Cl. B01J 35/02 (2006.01) A61L 9/00 (2006.01) A61L 9/01 (2006.01) B01J 23/85 (2006.01)**  
[25] EN  
[54] **PHOTOCATALYST MATERIAL, METHOD FOR DECOMPOSITION OF ORGANIC MATERIAL, INTERIOR MEMBER, AIR PURIFICATION DEVICE, AND APPARATUS FOR PREPARATION OF OXIDIZING AGENT**  
[54] **MATIERE DE PHOTOCATALYSEUR, PROCEDE DE DECOMPOSITION DE MATIERE ORGANIQUE, ELEMENT INTERNE, DISPOSITIF D'EPURATION DE L'AIR ET APPAREIL DE PRODUCTION D'AGENT OXYDANT**  
[72] HASHIMOTO, KAZUHITO, JP  
[72] IRIE, HIROSHI, JP  
[72] MIURA, SYUHEI, JP  
[72] KAMIYA, KAZUHIDE, JP  
[72] MIKI, SHINICHIRO, JP  
[72] TAKAHAMA, KOICHI, JP  
[72] YAGUCHI, MITSUO, JP  
[73] THE UNIVERSITY OF TOKYO, JP  
[73] PANASONIC CORPORATION, JP  
[85] 2010-09-20  
[86] 2009-03-19 (PCT/JP2009/055452)  
[87] (WO2009/116627)  
[30] JP (2008-073930) 2008-03-21

[11] **2,719,332**

[13] C

- [51] **Int.Cl. H01H 13/85 (2006.01) H01H 13/715 (2006.01)**  
[25] EN  
[54] **KEYPAD STRUCTURE**  
[54] **STRUCTURE DE CLAVIER**  
[72] CHEN, CHAO, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2719332)  
[87] (2719332)  
[22] 2010-10-29  
[30] EP (09174641.2) 2009-10-30

[11] **2,719,348**

[13] C

- [51] **Int.Cl. H01B 17/14 (2006.01) H02H 9/06 (2006.01)**  
[25] EN  
[54] **HIGH-VOLTAGE INSULATOR AND HIGH-VOLTAGE ELECTRIC POWER LINE USING SAID INSULATOR**  
[54] **ISOLATEUR HAUTE TENSION ET LIGNE DE TRANSPORT D'ELECTRICITE A HAUTE TENSION UTILISANT CET ISOLATEUR**  
[72] PODPORKIN, GEORGY VIKTOROVICH, RU  
[73] OTKRYTOE AKTSIONERNOE OBSHCHESTVO "NPO "STREAMER", RU  
[85] 2010-09-22  
[86] 2009-03-26 (PCT/RU2009/000142)  
[87] (WO2009/120114)  
[30] RU (2008111577) 2008-03-27  
[30] RU (2008115790) 2008-04-24

[11] **2,720,666**

[13] C

- [51] **Int.Cl. C01B 33/20 (2006.01) B07B 13/04 (2006.01) C01B 33/26 (2006.01)**  
[25] EN  
[54] **POWDER FORMED FROM MINERAL OR ROCK MATERIAL WITH CONTROLLED PARTICLE SIZE DISTRIBUTION FOR THERMAL FILMS**  
[54] **POUDRE FORMEE A PARTIR DE MATIERES MINERALES OU ROCHEUSES AVEC UNE DISTRIBUTION DE DIMENSION DE PARTICULES CONTROLEE POUR DES FILMS THERMIQUES**  
[72] KRAGTEN, DAVID D., US  
[72] KARR, CHRISTY, JR., US  
[72] VAN REMORTEL, SCOTT, US  
[72] RATCLIFF, ROBERT, US  
[72] ANAZIA, IBEZIM, US  
[72] SCHLESINGER, LOUIS M., US  
[73] UNIMIN CORPORATION, US  
[85] 2010-10-05  
[86] 2008-09-25 (PCT/US2008/077657)  
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[30] US (61/124,498) 2008-04-17

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[13] C

[51] **Int.Cl. C12P 21/02 (2006.01) A61K 38/18 (2006.01) C07K 14/51 (2006.01) C12N 1/38 (2006.01) C12N 5/00 (2006.01)**

[25] EN

[54] **METHODS FOR ENHANCED PRODUCTION OF BONE MORPHOGENETIC PROTEINS**

[54] **PROCEDES DE PRODUCTION AMELIOREE DE PROTEINES MORPHOGENETIQUES OSSEUSES**

[72] LUAN, YEN-TUNG, US

[72] WANG, WENGE, US

[72] NYBERG, GREGG, US

[72] GOMES, JOSE MANUEL, US

[72] DRAPEAU, DENIS, US

[72] CARDOZA, TERRY, US

[73] WYETH LLC, US

[85] 2010-10-07

[86] 2009-04-16 (PCT/US2009/040789)

[87] (WO2009/129379)

[30] US (61/045,643) 2008-04-17

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[11] **2,721,016**  
[13] C

[51] **Int.Cl. B26B 21/52 (2006.01) B26B 21/22 (2006.01)**

[25] EN

[54] **RAZOR HANDLE HAVING A RETRACTABLE RAZOR HEAD CARRIER AND RAZOR SUCH A HANDLE**

[54] **MANCHE DE RASOIR AYANT UN SUPPORT DE TETE DE RASOIR RETRACTABLE ET RASOIR COMPORANT UN TEL MANCHE**

[72] PSIMADAS, IOANNIS MARIOS, GR

[72] BOZIKIS, IOANNIS, GR

[72] EFTHIMIADIS, DIMITRIOS, GR

[72] VASILADIS, ANDREAS, GR

[72] KOUTROKOIS, DEMETRIOS, GR

[73] BIC-VIOLEX SA, GR

[85] 2010-10-08

[86] 2008-04-11 (PCT/EP2008/054444)

[87] (WO2009/124599)

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[11] **2,721,018**  
[13] C

[51] **Int.Cl. B26B 21/52 (2006.01) B26B 21/22 (2006.01) B26B 21/40 (2006.01)**

[25] EN

[54] **RAZOR HANDLE FOR A RETRACTABLE SHAVING CARTRIDGE AND A RAZOR COMPRISING SUCH A RAZOR HANDLE**

[54] **POIGNEE DE RASOIR POUR CARTOUCHE DE RASAGE RETRACTABLE ET RASOIR COMPRENANT CETTE POIGNEE DE RASOIR**

[72] PSIMADAS, IOANNIS MARIOS, GR

[72] BOZIKIS, IOANNIS, GR

[72] EFTHIMIADIS, DIMITRIOS, GR

[72] KOUTROKOIS, DEMETRIOS, GR

[72] VASILADIS, ANDREAS, GR

[73] BIC-VIOLEX SA, GR

[85] 2010-10-08

[86] 2008-04-11 (PCT/EP2008/054439)

[87] (WO2009/124597)

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[11] **2,721,558**  
[13] C

[51] **Int.Cl. G10K 11/175 (2006.01)**

[25] EN

[54] **SOUND PRESSURE LEVEL-AWARE MUSIC PLAYLISTS**

[54] **LISTES D'ECOUTE MUSICALE TENANT COMPTE DU NIVEAU DE LA PRESSION SONORE**

[72] THEIMER, WOLFGANG MICHAEL, DE

[72] VON HEIMBURG, FRANK, DE

[72] GOERGES, FREDERIK NICOLAS, DE

[72] EDELER, WOLFGANG, DE

[72] BURGHARDT, GUNTHER HEINRICH, DE

[72] KOENIG, JENS, DE

[73] BLACKBERRY LIMITED, CA

[86] (2721558)

[87] (2721558)

[22] 2010-11-18

[30] EP (09176402.7) 2009-11-18

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[11] **2,721,609**  
[13] C

[51] **Int.Cl. H04N 21/44 (2011.01) H04N 21/434 (2011.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR COMPRESSING VIDEO SEQUENCES**

[54] **PROCEDE ET APPAREIL DE COMPRESSION DE SEQUENCES VIDEO**

[72] GORDON, DONALD F., US

[72] BAYRAKERI, SADIK, US

[72] WILD, JOSEPH R., US

[72] EDMONDS, JEREMY S., US

[72] LUDVIG, EDWARD A., US

[72] COMITO, JOHN P., US

[72] GERSHTEIN, EUGENE, US

[73] COMCAST IP HOLDINGS I, LLC, US

[86] (2721609)

[87] (2721609)

[22] 2000-04-14

[62] 2,370,227

[30] US (61/129,598) 1999-04-15

[30] US (09/293,535) 1999-04-15

[30] US (09/384,394) 1999-08-27

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[11] **2,723,064**  
[13] C

[51] **Int.Cl. E21B 10/34 (2006.01) E21B 34/06 (2006.01)**

[25] EN

[54] **DRILLING AND HOLE ENLARGEMENT DEVICE**

[54] **DISPOSITIF D'AGRANDISSEMENT DE FORAGE ET D'EXCAVATION**

[72] CAMPBELL, JOHN E., US

[72] DEWEY, CHARLES H., US

[72] UNDERWOOD, LANCE D., US

[72] SCHMIDT, RONALD G., US

[73] SMITH INTERNATIONAL, INC., US

[86] (2723064)

[87] (2723064)

[22] 2007-01-15

[62] 2,573,891

[30] US (11/334,195) 2006-01-18

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[13] C

[51] **Int.Cl. E21B 10/34 (2006.01) E21B 10/26 (2006.01)**

[25] EN

[54] **DRILLING AND HOLE ENLARGEMENT DEVICE**

[54] **DISPOSITIF D'AGRANDISSEMENT DE FORAGE ET D'EXCAVATION**

[72] CAMPBELL, JOHN E., US

[72] DEWEY, CHARLES H., US

[72] UNDERWOOD, LANCE D., US

[72] SCHMIDT, RONALD G., US

[73] SMITH INTERNATIONAL, INC., US

[86] (2723505)

[87] (2723505)

[22] 2007-01-15

[62] 2,573,891

[30] US (11/334,195) 2006-01-18

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[11] **2,725,015**  
[13] C

[51] **Int.Cl. H01Q 1/22 (2006.01) G06K 19/077 (2006.01) H01Q 9/26 (2006.01) H01Q 9/28 (2006.01)**

[25] EN

[54] **ANTENNA FOR CHIP CARD PRODUCTION**

[54] **DISPOSITIF ANTENNE POUR LA FABRICATION DE CARTES A PUCE**

[72] RIETZLER, MANFRED, DE

[72] FREEMAN, RAYMOND, US

[73] SMARTRAC IP B.V., NL

[85] 2010-11-19

[86] 2009-04-29 (PCT/EP2009/003099)

[87] (WO2009/141043)

[30] DE (10 2008 024 825.8) 2008-05-23

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[13] C

[51] **Int.Cl. F16K 11/02 (2006.01) B05B 1/16 (2006.01) E03C 1/02 (2006.01) F16K 17/04 (2006.01)**

[25] EN

[54] **AUTOMATIC WATER DISTRIBUTOR**

[54] **DISTRIBUTEUR D'EAU AUTOMATIQUE**

[72] CHANG, CHUNGHSIANG, TW

[72] CHEN, WEILONG, TW

[73] GLOBE UNION INDUSTRIAL CORP., TW

[86] (2725733)

[87] (2725733)

[22] 2010-12-17

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[11] **2,727,644**  
[13] C

[51] **Int.Cl. B25H 3/04 (2006.01) A47G 29/00 (2006.01)**

[25] EN

[54] **TOOL HANGER ASSEMBLY**

[54] **ENSEMBLE PORTE-OUTILS**

[72] KAO, JUI-CHIEN, TW

[73] KAO, JUI-CHIEN, TW

[86] (2727644)

[87] (2727644)

[22] 2011-01-06

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[11] **2,728,580**  
[13] C

[51] **Int.Cl. B25H 3/04 (2006.01) B25H 3/00 (2006.01)**

[25] EN

[54] **TOOL HANGER ASSEMBLY**

[54] **ENSEMBLE PORTE-OUTILS**

[72] KAO, JUI-CHIEN, TW

[73] KAO, JUI-CHIEN, TW

[86] (2728580)

[87] (2728580)

[22] 2011-01-04

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[11] **2,729,384**  
[13] C

[51] **Int.Cl. E04D 13/076 (2006.01)**

[25] EN

[54] **GUTTER GUARD**

[54] **PROTEGE-GOUTTIERE**

[72] WALKER, SIMON, CA

[73] PEAK INNOVATIONS INC., CA

[86] (2729384)

[87] (2729384)

[22] 2011-01-26

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[11] **2,730,842**  
[13] C

[51] **Int.Cl. A61F 2/44 (2006.01) A61L 27/04 (2006.01) A61L 27/06 (2006.01) A61L 27/28 (2006.01)**

[25] EN

[54] **ARTIFICIAL SPINAL DISC**

[54] **DISQUE INTERVERTEBRAL ARTIFICIEL**

[72] BAKER, DANIEL R., US

[72] CONTA, ROBERT, US

[72] THALER, CARLY A., US

[72] STINSON, DAVID T., US

[72] RAYMOND, LOUISE, CA

[72] DUGGAL, NEIL, CA

[73] SYNERGY DISC REPLACEMENT, INC., CA

[86] (2730842)

[87] (2730842)

[22] 2005-06-30

[62] 2,570,192

[30] US (60/584,240) 2004-06-30

[30] US (60/658,161) 2005-03-04

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[11] **2,733,491**  
[13] C

[51] **Int.Cl. C10G 29/20 (2006.01) B01D 19/00 (2006.01) B01D 53/00 (2006.01)**

[25] EN

[54] **METHOD OF SCAVENGING HYDROGEN SULFIDE AND/OR MERCAPTANS USING TRIAZINES**

[54] **METHODE DE PIEGEAGE DU SULFURE D'HYDROGENE ET/OU DE MERCAPTANS AU MOYEN DE TRIAZINES**

[72] TAYLOR, GRAHAME N., US

[73] BAKER HUGHES INCORPORATED, US

[86] (2733491)

[87] (2733491)

[22] 2011-03-08

[30] US (12/723,434) 2010-03-12

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[11] **2,734,046**  
[13] C  
[51] **Int.Cl. E02F 5/08 (2006.01)**  
[25] EN  
[54] **CUTTING DEVICE FOR  
PRODUCING VERTICALLY  
RUNNING TRENCHES IN THE  
GROUND**  
[54] **DISPOSITIF DE COUPE POUR  
PRODUIRE DES TRANCHEES  
VERTICALES DANS LE SOL**  
[72] ARZBERGER, MAXIMILIAN, DE  
[72] SEITL, IGNAZ, DE  
[73] BAUER MASCHINEN GMBH, DE  
[86] (2734046)  
[87] (2734046)  
[22] 2011-03-15  
[30] EP (10 004 083.1) 2010-04-16

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[11] **2,736,715**  
[13] C  
[51] **Int.Cl. B27B 5/29 (2006.01) B23D  
45/04 (2006.01) B23D 47/02 (2006.01)**  
[25] EN  
[54] **DOCKING AND MITER SAW  
HAVING AN INSET PREFERABLY  
DELIMITING A SAW SLOT**  
[54] **SCIE PENDULAIRE A ONGLET  
MUNIE D'UNE GARNITURE  
DELIMITANT DE PREFERENCE  
UNE FENTE DE SCIAGE**  
[72] WEUSTHOF, GERHARD, DE  
[73] WEUSTHOF, GERHARD, DE  
[85] 2011-03-10  
[86] 2009-09-10 (PCT/EP2009/006585)  
[87] (WO2010/028835)  
[30] DE (10 2008 047 064.3) 2008-09-12  
[30] DE (20 2008 012 213.9) 2008-09-12  
[30] DE (10 2008 047 065.1) 2008-09-12

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[13] C  
[51] **Int.Cl. B01J 23/89 (2006.01) B01D  
53/94 (2006.01) F01N 3/10 (2006.01)  
F01N 3/24 (2006.01)**  
[25] EN  
[54] **EXHAUST GAS TREATING  
CATALYST AND EXHAUST GAS  
PURIFICATION APPARATUS  
USING THE SAME**  
[54] **CATALYSEUR DE TRAITEMENT  
DE GAZ D'ECHAPPEMENT ET  
APPAREIL DE PURIFICATION DE  
GAZ D'ECHAPPEMENT  
L'EMPLOYANT**  
[72] KATSUKI MASATOSHI, JP  
[72] FUJII SHUUJI, JP  
[72] UEDA ATSUSHI, JP  
[72] YAMADA YUSUKE, JP  
[73] MITSUBISHI HEAVY INDUSTRIES,  
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[73] NATIONAL INSTITUTE OF  
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[51] **Int.Cl. C01B 25/30 (2006.01)**  
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[54] **LITHIUM IRON PHOSPHATE  
HAVING OLIVINE STRUCTURE  
AND METHOD FOR ANALYZING  
THE SAME**  
[54] **PHOSPHATE DE FER- LITHIUM  
DE STRUCTURE OLIVINE ET  
PROCEDE D'ANALYSE DE  
CELUI-CI**  
[72] CHOY, SANGHOON, KR  
[72] LEE, YONG TAE, KR  
[72] PARK, HONG-KYU, KR  
[72] PARK, SOO MIN, KR  
[72] KIL, HYO-SHIK, KR  
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[73] LG CHEM, LTD., KR  
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[54] **A HOUSEHOLD APPLIANCE**  
[54] **APPAREIL ELECTROMENAGER**  
[72] KRISCHE, BERND, SE  
[73] ELECTROLUX HOME PRODUCTS  
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[85] 2011-04-20  
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[51] **Int.Cl. C23C 28/00 (2006.01) C23C  
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[54] **GALVANIZED STEEL SHEET AND  
METHOD FOR  
MANUFACTURING THE SAME**  
[54] **TOLE D'ACIER GALVANISE ET  
SON PROCEDE DE PRODUCTION**  
[72] MAKIMIZU, YOICHI, JP  
[72] KAJIYAMA, HIROSHI, JP  
[72] FUJITA, SAKAE, JP  
[72] YOSHIMI, NAOTO, JP  
[72] TADA, MASAHICO, JP  
[72] MASUOKA, HIROYUKI, JP  
[72] HOSHINO, KATSUYA, JP  
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[25] EN  
[54] **VECTOR IMAGE DRAWING  
DEVICE, VECTOR IMAGE  
DRAWING METHOD, AND  
RECORDING MEDIUM**  
[54] **DISPOSITIF ET PROCEDE  
PERMETTANT DE DESSINER DES  
IMAGES VECTORIELLES ET  
SUPPORT D'ENREGISTREMENT**  
[72] FUJIWARA HIROSHI, JP  
[73] NEC SYSTEM TECHNOLOGIES,  
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[54] **DISPOSITIF DE POIGNEE DE MACHINE POUR TRAVAUX**  
[72] MIZUGUCHI, HIROSHI, JP  
[72] ONODERA, TAIYO, JP  
[72] TOYOHIRA, YOSUKE, JP  
[73] HONDA MOTOR CO., LTD., JP  
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[54] **CENTER-FILLED CONFECTION AND METHOD**  
[54] **CONFISERIE FOURREE ET PROCEDE**  
[72] BHATTACHARYA, KALISADHAN, IN  
[72] CHHAYA, PRASHANT SANATKUMAR, SG  
[72] DU, CHUNLI, CN  
[72] ONG, MEI HORNG, CN  
[72] PUGSLEY, NICOLE MING-HOOI, AU  
[72] SAMANT, SHANTANU KRISHNARAO, IN  
[72] TEE, HUI CHIN, SG  
[72] WONG, CHUI HOON (REBECCA), SG  
[72] WRIGHT, BRENDON JOHN, SG  
[73] CADBURY INDIA LTD., IN  
[73] CADBURY FOOD CO LTD., CN  
[73] CADBURY ENTERPRISES PTE LTD, SG  
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[54] **DISPOSITIF DE TORCHAGE HYBRIDE ET PROCEDE CONNEXE**  
[72] HONG, JIANHUI, US  
[72] FRANKLIN, JAMES CHARLES, US  
[72] KNOTT, DENNIS LEE, US  
[72] KODESH, ZACHARY LEWIS, US  
[72] FOX, SCOTT JOSEPH, US  
[73] JOHN ZINK COMPANY, LLC, US  
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[54] **PROCEDE ET DISPOSITIF VOCAUX ENTRAINANT LA MODIFICATION DE L'EXPRESSION LABIALE DANS UNE ANIMATION ET ACQUISITION DE L'ANIMATION LABIALE**  
[72] LU, YISHA, CN  
[72] WANG, JIANYU, CN  
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN  
[85] 2011-05-20  
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[54] **FLUIDE POUR LE TRAITEMENT DE PUITTS**  
[72] GUPTA, D. V. SATYANARAYANA, US  
[72] CAWIEZEL, KAY ELAINE, US  
[72] VENUGOPAL, RUPA, US  
[72] GALINDO, TANHEE ARY, US  
[73] BAKER HUGHES INCORPORATED, US  
[86] (2744620)  
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[25] EN  
[54] **A METHOD TO CONTROL THE DISPERSIBILITY AND BARRIER PROPERTIES OF DRIED NANOCRYSTALLINE CELLULOSE IN SOLUTIONS OF DIFFERENT PH AND IONIC STRENGTH**  
[54] **PROCEDE DE REGULATION DES PROPRIETES DE DISPERSION ET DE BARRIERE D'UNE CELLULOSE NANOCRYSTALLINE SECHE DANS DES SOLUTIONS DE PH DIFFERENT ET DE FORCE IONIQUE DIFFERENTE**  
[72] BECK, STEPHANIE, CA  
[72] BERRY, RICHARD, CA  
[72] BOUCHARD, JEAN, CA  
[72] GODBOUT, JOSEPH DONAT LOUIS, CA  
[73] FPINNOVATIONS, CA  
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[54] **PONTS DE LIAISON CURVILIGNES POUR PLATE-FORME DE NIVELEUR DE QUAI**  
[72] SVEUM, MATTHEW, US  
[73] RITE-HITE HOLDING CORPORATION, US  
[86] (2745686)  
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[25] EN  
[54] **SYSTEM FOR DETERMINING PERFORMANCE CHARACTERISTICS OF A GOLF SWING**  
[54] **SYSTEME D'EVALUATION DE L'EFFICACITE D'UN SWING DE GOLF**  
[72] STITES, JOHN T., US  
[72] TAVARES, GARY G., US  
[72] MADORE, CARL, US  
[72] KELLY, MIKE, US  
[72] SANDER, RAYMOND J., US  
[72] HADDEN, JEFFREY A., US  
[72] HELD, JEFFREY R., US  
[72] MEANLE, GARRICK L., US  
[72] KRAMER, GREGORY S., US  
[72] BOUTON, CHAD E., US  
[72] DODSON, CLIFFORD N., US  
[72] HOFFMAN, PATRICK K., US  
[73] NIKE INTERNATIONAL LTD., US  
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[54] **PHOSPHONATE COMPOUNDS COMPOSES DE PHOSPHONATE**  
[72] HOSTETLER, KARL Y., US  
[72] BEADLE, JAMES R., US  
[72] KINI, GANESH D., US  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
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[25] EN  
[54] **MINIATURE ENDOSCOPE WITH IMAGING FIBER SYSTEM**  
[54] **ENDOSCOPE MINIATURE AVEC SYSTEME D'IMAGERIE PAR FIBRE OPTIQUE**  
[72] REMIJAN, PAUL, US  
[72] MCDONALD, JAMES E., US  
[73] VISIONSCOPE TECHNOLOGIES LLC, US  
[86] (2748436)  
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[25] EN  
[54] **ANTENNA DIVERSITY FOR CONTROL DEVICE APPLICATIONS**  
[54] **DIVERSITE D'ANTENNES POUR APPLICATIONS A DES DISPOSITIFS DE COMMANDE**  
[72] BEALS, WILLIAM MICHAEL, US  
[73] ECHOSTAR TECHNOLOGIES L.L.C., US  
[85] 2011-06-27  
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[25] EN  
[54] **SYNTHETIC RESIN CONTAINER HAVING INVERTED, FOLDED BACK BOTTOM WALL**  
[54] **RECIPIENT EN RESINE SYNTHETIQUE AYANT UNE PAROI DE FOND REPLIEE PAR RETOURNEMENT**  
[72] HAYAKAWA, SHIGERU, JP  
[72] KITAMURA, YOSHIHARU, JP  
[72] SUZUKI, KAZUO, JP  
[73] YOSHINO KOGYOSHO CO., LTD., JP  
[85] 2011-06-27  
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[25] EN  
[54] **METHODS FOR TREATING VASCULAR LEAK SYNDROME**  
[54] **METHODES DE TRAITEMENT DU SYNDROME DE FUITE VASCULAIRE**  
[72] SHALWITZ, ROBERT, US  
[72] PETERS, KEVIN GENE, US  
[73] AERPIO THERAPEUTICS, INC., US  
[85] 2011-06-29  
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[54] **POLYMERISATION INITIATOR**

[54] **INITIATEUR DE POLYMERISATION**

[72] NESVADBA, PETER, CH

[72] BUGNON FOLGER, LUCIENNE, CH

[72] CARROY, ANTOINE CHRISTIAN, DE

[72] FALLER, MARC, FR

[73] BASF SE, DE

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[54] **TV TUTORIAL WIDGET**

[54] **COMPOSANT D'INTERFACE GRAPHIQUE DE TUTORIEL SUR TV**

[72] EPSTEIN, KAREN, US

[72] WONG, LING JUN, US

[73] SONY CORPORATION, JP

[73] SONY ELECTRONICS INC., US

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[54] **AUTOFOCUS METHOD AND AUTOFOCUS DEVICE**

[54] **PROCEDE D'AUTOFOCUS ET SYSTEME D'AUTOFOCUS**

[72] HING, PAUL, DE

[72] HENSLER, SVEN, DE

[73] SAKURA FINETEK USA, INC., US

[85] 2011-09-09

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[25] EN

[54] **METHOD AND TREATMENT COMPOSITION FOR IMPARTING DURABLE ANTIMICROBIAL PROPERTIES TO CARPET**

[54] **PROCEDE ET COMPOSITION DE TRAITEMENT POUR CONFERER DES PROPRIETES ANTIBACTERIENNES DURABLES A UN TAPIS**

[72] MULL, TODD, US

[72] LESSLIE, JAMES, US

[72] WADE, DANNY S., US

[73] BEAULIEU GROUP, LLC, US

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[54] **OUTER COVER FOR TWO-PIECE WEARABLE ABSORBENT ARTICLE**

[54] **ENVELOPPE EXTERIEURE POUR ARTICLE ABSORBANT DE TYPE VESTIMENTAIRE EN DEUX PARTIES**

[72] ROE, DONALD CARROLL, US

[72] WIGGINS, ELAINE MARY, US

[73] THE PROCTER & GAMBLE COMPANY, US

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[25] EN

[54] **EXTRACTION OF HYDROCARBONS FROM HYDROCARBON-CONTAINING MATERIALS AND/OR PROCESSING OF HYDROCARBON-CONTAINING MATERIALS**

[54] **EXTRACTION D'HYDROCARBURES A PARTIR DE MATIERES CONTENANT DES HYDROCARBURES ET/OU TRAITEMENT DE MATIERES CONTENANT DES HYDROCARBURES**

[72] FAN, LIANG-TSENG, US

[72] SHAFIE, MOHAMMAD REZA, US

[72] TOLLAS, JULIUS MICHAEL, US

[72] LEE, WILLIAM ARTHUR FITZHUGH, US

[73] GREEN SOURCE ENERGY LLC, US

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[25] EN

[54] **CONTAINER WITH FOLDED-BACK BOTTOM WALL**

[54] **CONTENANT A PAROI INFERIEURE REPLIEE**

[72] IIZUKA, SHIGEO, JP

[72] HAYAKAWA, SHIGERU, JP

[73] YOSHINO KOGYOSHO CO., LTD., JP

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[54] **A PLATE FOR PROTECTING A CABLE ALONG A STUD**

[54] **PLAQUE DE PROTECTION POUR UN CABLE POSE LE LONG D'UN MONTANT**

[72] LALANCETTE, DANIEL, CA  
[72] LUPSA, IOAN-LIVIU, CA  
[72] MICHAUD, SERGE, CA  
[72] AUBIN, PIERRE, CA  
[73] THOMAS & BETTS INTERNATIONAL, INC., US

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[25] EN

[54] **WEDGE LOCK FOR USE WITH A SINGLE BOARD COMPUTER AND METHOD OF ASSEMBLING A COMPUTER SYSTEM**

[54] **CALE A COINS CONCUE POUR ORDINATEURS MONOCARTE ET METHODE D'ASSEMBLAGE D'UN SYSTEME INFORMATIQUE**

[72] SPORER, BERND, DE  
[73] GE INTELLIGENT PLATFORMS GMBH & CO. KG, DE

[86] (2756902)  
[87] (2756902)  
[22] 2011-11-03  
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[13] C

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[25] EN

[54] **KERATIN DYEING COMPOSITIONS COMPRISING A RADICAL SCAVENGER AND A CHELANT AND USE THEREOF**

[54] **COMPOSITIONS DE TEINTURE DE KERATINE COMPRENANT UN CAPTEUR DE RADICAUX ET UN CHELATEUR, ET LEURS UTILISATIONS**

[72] ZHANG, GUIRU, US  
[72] MURPHY, BRYAN PATRICK, US  
[72] MARSH, JENNIFER MARY, US  
[72] DAHLGREN, RICHARD MARC, US  
[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2011-10-06  
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[13] C

[51] **Int.Cl. B32B 15/01 (2006.01) C22C 5/04 (2006.01) C22C 32/00 (2006.01) C03B 5/43 (2006.01)**

[25] EN

[54] **OXIDE-DISPERSION-STRENGTHENED PLATINUM MATERIAL AND METHOD FOR PRODUCING THE SAME**

[54] **MATERIAU A BASE DE PLATINE RENFORCE PAR DISPERSION D'OXYDES ET SON PROCEDE DE FABRICATION**

[72] YAMASAKI, HARUKI, JP  
[73] TANAKA KIKINZOKU KOGYO K.K., JP

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[87] (WO2010/131656)  
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[13] C

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[25] EN

[54] **PROPORTIONAL POSITION FEEDBACK HYDRAULIC SERVO SYSTEM**

[54] **SYSTEME A ASSERVISSEMENT HYDRAULIQUE DE RETROACTION DE POSITION PROPORTIONNELLE**

[72] GARCIA, GARY, US  
[72] TYLER, JEFFREY, US  
[73] G.W. LISK COMPANY, INC., US

[85] 2011-11-07  
[86] 2010-06-11 (PCT/US2010/038318)  
[87] (WO2010/144804)  
[30] US (61/186,473) 2009-06-12

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[13] C

[51] **Int.Cl. B08B 17/02 (2006.01) A23L 1/09 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR REDUCING AND REMOVING SCALE IN A MAPLE SYRUP EVAPORATOR**

[54] **PROCEDE ET APPAREIL CONCU POUR REDUIRE ET ELIMINER LES DEPOTS DANS UN EVAPORATEUR DE SIROP D'ERABLE**

[72] BILODEAU, SYLVAIN, CA  
[73] BILODEAU, SYLVAIN, CA

[86] (2762567)  
[87] (2762567)  
[22] 2011-12-20  
[30] US (61/459,839) 2010-12-20

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- [51] **Int.Cl. H04W 64/00 (2009.01)**  
[25] EN  
[54] **METHOD, LOCATION SERVICE APPARATUS AND SYSTEM FOR ACQUIRING A CELL POSITION AND LOCATING A CELL**  
[54] **PROCEDE POUR OBTENIR LA POSITION D'UNE CELLULE , APPAREIL ET SYSTEME DE SERVICE DE LOCALISATION CONNEXE, ET LOCALISATION D'UNE CELLULE**  
[72] YANG, KUI, CN  
[73] ZTE CORPORATION, CN  
[85] 2011-11-21  
[86] 2009-10-19 (PCT/CN2009/074511)  
[87] (WO2010/139153)  
[30] CN (200910085807.9) 2009-06-01

[11] **2,763,235**  
[13] C

- [51] **Int.Cl. B09C 1/06 (2006.01) B09C 1/02 (2006.01) E02D 3/00 (2006.01)**  
[25] EN  
[54] **A METHOD FOR THE REMEDIATION OF CONTAMINATED SOIL**  
[54] **PROCEDE POUR LA RESTAURATION DE SOLS CONTAMINES**  
[72] KUNZ, DALE, CA  
[73] KUNZ, DALE, CA  
[86] (2763235)  
[87] (2763235)  
[22] 2012-01-05  
[30] US (61/431,744) 2011-01-11

[11] **2,763,655**  
[13] C

- [51] **Int.Cl. B25H 3/04 (2006.01) A47F 7/00 (2006.01) A47G 29/00 (2006.01) A47G 29/087 (2006.01)**  
[25] EN  
[54] **SCREWDRIVER HANGING ASSEMBLY**  
[54] **DISPOSITIF DE SUSPENSION DE TOURNEVIS**  
[72] KAO, JUI-CHIEN, TW  
[73] KAO, JUI-CHIEN, TW  
[86] (2763655)  
[87] (2763655)  
[22] 2011-12-20

[11] **2,764,155**  
[13] C

- [51] **Int.Cl. B60G 17/052 (2006.01) B60G 17/016 (2006.01) B60G 17/018 (2006.01) B60G 17/017 (2006.01)**  
[25] EN  
[54] **HEIGHT CONTROL MODULE, GAS SPRING ASSEMBLY AND METHOD**  
[54] **MODULE DE REGLAGE DE LA HAUTEUR, ENSEMBLE RESSORT PNEUMATIQUE ET PROCEDE**  
[72] BROOKES, GRAHAM R., US  
[72] LOCKRIDGE, LARRY L., US  
[72] GAMBRALL, ANTHONY E., US  
[73] FIRESTONE INDUSTRIAL PRODUCTS COMPANY, LLC, US  
[85] 2011-11-30  
[86] 2010-06-01 (PCT/US2010/036906)  
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[30] US (61/182,859) 2009-06-01

[11] **2,771,626**  
[13] C

- [51] **Int.Cl. E21B 33/13 (2006.01) C04B 40/02 (2006.01)**  
[25] EN  
[54] **METHODS OF ACTIVATING COMPOSITIONS IN SUBTERRANEAN ZONES**  
[54] **PROCEDES D'ACTIVATION DE COMPOSITIONS DANS DES ZONES SOUTERRAINES**  
[72] LEWIS, SAM, US  
[72] REYES, PRISCILLA, US  
[72] RODDY, CRAIG, US  
[72] DAVIS, LYNN, US  
[72] ROBERSON, MARK, US  
[72] BADALAMENTI, ANTHONY, US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2012-02-20  
[86] 2010-08-23 (PCT/GB2010/001590)  
[87] (WO2011/023942)  
[30] US (12/547,233) 2009-08-25

[11] **2,773,581**  
[13] C

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[25] EN  
[54] **VEHICLE DOOR HINGE**  
[54] **CHARNIERE POUR PORTE DE VEHICULE**  
[72] KATOU, KENJI, JP  
[73] TOYOTA SHATAI KABUSHIKI KAISHA, JP  
[85] 2012-03-08  
[86] 2009-09-10 (PCT/JP2009/065795)  
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[11] **2,777,632**  
[13] C

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[25] EN  
[54] **IMIDAZOLE DERIVATIVES AS CASEIN KINASE INHIBITORS**  
[54] **DERIVES D'IMIDAZOLE EN TANT QU'INHIBITEURS DE CASEINE KINASE**  
[72] SUBRAMANYAM, CHAKRAPANI, US  
[72] WAGER, TRAVIS T., US  
[73] PFIZER INC., US  
[85] 2012-04-13  
[86] 2010-10-20 (PCT/IB2010/054749)  
[87] (WO2011/051858)  
[30] US (61/255,506) 2009-10-28

[11] **2,779,878**  
[13] C

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[25] EN  
[54] **PLANAR COMMUNICATIONS ANTENNA HAVING AN EPICYCLIC STRUCTURE AND ISOTROPIC RADIATION, AND ASSOCIATED METHODS**  
[54] **ANTENNE DE COMMUNICATIONS PLANE A STRUCTURE EPICYCLIQUE ET RAYONNEMENT ISOTROPE, ET PROCEDES ASSOCIES**  
[72] PARSCHE, FRANCIS EUGENE, US  
[73] HARRIS CORPORATION, US  
[85] 2012-05-03  
[86] 2010-11-22 (PCT/US2010/057557)  
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[25] EN  
[54] **CUTTING TOOL ASSEMBLY**  
[54] **ENSEMBLE OUTIL DE COUPE**  
[72] ELBAZ, MOSHE, IL  
[72] FARRAJ, NADER, IL  
[72] ABRAHAMI, YOSSY, IL  
[73] ISCAR LTD., IL  
[85] 2012-05-04  
[86] 2010-10-17 (PCT/IL2010/000845)  
[87] (WO2011/058542)  
[30] IL (202027) 2009-11-10

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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 17/02 (2006.01)**  
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[54] **MULTI-ZONE FRACTURING COMPLETION**  
[54] **COMPLETION DE FRACTURATION MULTIZONE**  
[72] RAVENSBERGEN, JOHN EDWARD, CA  
[72] LAUN, LYLE ERWIN, CA  
[72] MISSELBROOK, JOHN GORDON, CA  
[73] BAKER HUGHES INCORPORATED, US  
[86] (2781721)  
[87] (2781721)  
[22] 2012-07-06  
[30] US (13/220,502) 2011-08-29

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[13] C  
[51] **Int.Cl. B27B 29/02 (2006.01) B27B 29/04 (2006.01) B27B 29/08 (2006.01)**  
[25] EN  
[54] **RAPID LOG DOGGING AND ROLLING SYSTEM**  
[54] **SYSTEME DE ROULEMENT ET DE GRIFFAGE RAPIDE DES BILLOTS**  
[72] DALE, PETER, CA  
[73] NORWOOD INDUSTRIES INC., CA  
[86] (2782909)  
[87] (2782909)  
[22] 2012-07-11

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[11] **2,783,684**  
[13] C  
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5517 (2006.01) A61P 3/00 (2006.01)**  
[25] EN  
[54] **INHIBITORS OF DIACYLGLYCEROL ACYLTRANSFERASE**  
[54] **INHIBITEURS DE L'ENZYME DIACYLGLYCEROL ACYLTRANSFERASE**  
[72] ARNOLD, MACKLIN BRIAN, US  
[72] BEAUCHAMP, THOMAS JAMES, US  
[72] CANADA, EMILY JANE, US  
[72] HEMBRE, ERIK JAMES, US  
[72] LU, JIANLIANG, US  
[72] RIZZO, JOHN ROBERT, US  
[72] SCHAUS, JOHN MEHNERT, US  
[72] SHI, QING, US  
[73] ELI LILLY AND COMPANY, US  
[85] 2012-06-08  
[86] 2010-12-07 (PCT/US2010/059158)  
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[13] C  
[51] **Int.Cl. B65D 6/04 (2006.01) B29C 45/17 (2006.01) B65D 1/30 (2006.01) B65D 6/30 (2006.01)**  
[25] EN  
[54] **INJECTION-MOLDED COMPOSITE CONSTRUCT AND TOOL FOR FORMING CONSTRUCT**  
[54] **CONSTRUCTION COMPOSITE MOULEE PAR INJECTION, ET OUTIL POUR LA FORMATIONNEDE CETTE CONSTRUCTION**  
[72] O'HAGAN, BRIAN R., US  
[72] NETZER, PHILIP E., US  
[72] BARNARD, BRUCE, US  
[72] BLASS, PETER W., US  
[72] HJORT, KEVIN J., US  
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US  
[86] (2786775)  
[87] (2786775)  
[22] 2008-12-29  
[62] 2,707,054  
[30] US (61/017,348) 2007-12-28

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[13] C  
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/50 (2006.01) A61K 35/74 (2006.01) A61K 47/42 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C12N 1/21 (2006.01) C12N 15/00 (2006.01) C12P 21/02 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR TARGETED IN VITRO AND IN VIVO DRUG DELIVERY TO MAMMALIAN CELLS VIA BACTERIALLY DERIVED INTACT MINICELLS**  
[54] **COMPOSITIONS ET PROCEDES DE LIBERATION DE MEDICAMENTS IN VITRO ET IN VIVO CIBLEE DANS DES CELLULES MAMMIFERES PAR LE BIAIS DE MINICELULES INTACTES DERIVEES DE BACTERIES**  
[72] BRAHMBHATT, HIMANSHU, AU  
[72] MACDIARMID, JENNIFER, AU  
[73] ENGENEIC MOLECULAR DELIVERY PTY LTD., AU  
[86] (2788707)  
[87] (2788707)  
[22] 2005-01-27  
[62] 2,556,248  
[30] US (60/540,590) 2004-02-02

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[11] **2,789,333**  
[13] C  
[51] **Int.Cl. C12P 7/02 (2006.01) C01B 3/34 (2006.01) C12M 1/04 (2006.01) C12P 1/00 (2006.01) C12P 7/04 (2006.01) C12P 7/06 (2006.01) C12P 7/18 (2006.01) C12P 7/54 (2006.01) C01B 31/18 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR THE PRODUCTION OF ALCOHOLS AND/OR ACIDS**  
[54] **PROCEDES ET SYSTEMES POUR PRODUIRE DES ALCOOLS ET/OU DES ACIDES**  
[72] SCHULTZ, MICHAEL, US  
[73] LANZATECH NEW ZEALAND LIMITED, NZ  
[85] 2012-08-08  
[86] 2011-10-21 (PCT/US2011/057220)  
[87] (WO2012/054806)  
[30] US (61/405,904) 2010-10-22  
[30] NZ (NZ589003) 2010-11-04

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[13] C

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[25] EN

[54] **TRANSACTION PRODUCT WITH EXPANDABLE PAGES AND THREE DIMENSIONAL VIEWING PRODUIT DE TRANSACTION AVEC PAGES DEPLOYABLES ET AFFICHAGE EN TROIS DIMENSIONS**

[72] STAHL, KIRSTIN, US  
[72] IRLBECK, BRENDA, US  
[72] RIDER, SAGE C., US  
[72] ALBRECHT, JESSICA D., US  
[72] SAMARDZIJA, PRIMOZ, US  
[72] CLEGG, TIMOTHY P., US  
[73] TARGET BRANDS, INC., US  
[86] (2790235)  
[87] (2790235)  
[22] 2012-09-21  
[30] US (61/580,184) 2011-12-23  
[30] US (13/368,989) 2012-02-08

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[13] C

[51] **Int.Cl. G03F 7/00 (2006.01) G01R 31/303 (2006.01) H01J 37/31 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR ION BEAM DELAYERING OF A SAMPLE AND CONTROL THEREOF METHODE ET SYSTEME DE DESTRATIFICATION D'UN ECHANTILLON PAR FAISCEAU D'ION ET METHODE DE CONTROLE CONNEXE**

[72] FOSTER, ROBERT K., CA  
[72] PAWLOWICZ, CHRISTOPHER, CA  
[72] ABT, JASON, CA  
[72] JONES, IAN, CA  
[72] NENTWICH, HEINZ, CA  
[73] SEMICONDUCTOR INSIGHTS INC., CA  
[86] (2791249)  
[87] (2791249)  
[22] 2012-10-05  
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[13] C

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[25] EN

[54] **APPARATUS AND METHOD FOR FILLETING BEHEADED AND EVISCERATED FISH DISPOSITIF ET PROCEDE DE REALISATION DE FILETS DE POISSONS ETETES ET EVISCERES**

[72] JUERS, MICHAEL, DE  
[72] SCHROEDER, MATTHIAS, DE  
[73] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE  
[85] 2012-10-16  
[86] 2011-05-24 (PCT/EP2011/058430)  
[87] (WO2011/151220)  
[30] DE (10 2010 022 055.8) 2010-05-31

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[11] **2,798,527**  
[13] C

[51] **Int.Cl. G05B 13/04 (2006.01) G05B 19/418 (2006.01)**

[25] EN

[54] **COMPUTER APPARATUS AND METHOD FOR REAL-TIME MULTI-UNIT OPTIMIZATION DISPOSITIF INFORMATIQUE ET PROCEDE POUR UNE OPTIMISATION EN TEMPS REEL D'UNE PLURALITE D'UNITES**

[72] MCLEOD, RONALD S., CA  
[72] TREIBER, STEVEN S., CA  
[73] MANUFACTURING TECHNOLOGY NETWORK INC., CA  
[85] 2012-11-27  
[86] 2011-08-17 (PCT/CA2011/050503)  
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[13] C

[51] **Int.Cl. B60G 21/055 (2006.01) B60G 7/02 (2006.01) B60G 15/06 (2006.01)**

[25] EN

[54] **SUSPENSION FOR VEHICLE SUSPENSION POUR VEHICULE**

[72] MAJERIK, FRANK, US  
[73] MAJERIK, FRANK, US  
[85] 2012-11-28  
[86] 2011-12-27 (PCT/US2011/067394)  
[87] (WO2012/092278)  
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[13] C

[51] **Int.Cl. E21B 17/02 (2006.01) E21B 19/16 (2006.01)**

[25] EN

[54] **TRAVEL JOINT HAVING AN INFINITE SLOT MECHANISM FOR SPACE OUT OPERATIONS IN A WELLBORE RACCORD COULISSANT AYANT UN MECANISME A FENTE INFINIE POUR DES OPERATIONS ESPACEES DANS PUIITS DE FORAGE**

[72] HARMS, TIMOTHY EDWARD, US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2013-07-09  
[86] 2012-01-25 (PCT/US2012/022557)  
[87] (WO2012/112271)  
[30] US (13/028,885) 2011-02-16

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[11] **2,820,976**  
[13] C

[51] **Int.Cl. D01F 9/12 (2006.01)**

[25] EN

[54] **ACRYLONITRILE SWOLLEN FIBER FOR CARBON FIBER, PRECURSOR FIBER BUNDLE, STABILIZED FIBER BUNDLE, CARBON FIBER BUNDLE AND PRODUCTION METHODS THEREOF FIL EN ACRYLONITRILE EXPANSE POUR UNE FIBRE DE CARBONE, FAISCEAU DE FIBRES DE PRECURSEUR, FAISCEAU DE FIBRES RESISTANT A LA FLAMME, FAISCEAU DE FIBRES DE CARBONE ET PROCEDES DE PRODUCTION DE CE FIL**

[72] HASHIMOTO, HIROSHI, JP  
[72] SUGIURA, NAOKI, JP  
[72] FUJII, YASUYUKI, JP  
[72] MATSUMURA, HIROKO, JP  
[72] OKUYA, TAKAHIRO, JP  
[72] OOKI, ISAO, JP  
[72] HATA, MASAHIRO, JP  
[72] WAKABAYASHI, KOUKI, JP  
[72] KOGAME, AKIYOSHI, JP  
[72] SUMIYA, KAZUNORI, JP  
[72] HATAYAMA, AKITO, JP  
[73] MITSUBISHI RAYON CO., LTD., JP  
[86] (2820976)  
[87] (2820976)  
[22] 2010-06-10  
[62] 2,764,661  
[30] JP (2009-139337) 2009-06-10

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[11] **2,829,355**

[13] C

[51] **Int.Cl. A61M 5/34 (2006.01) A61M  
5/50 (2006.01)**

[25] EN

[54] **RETRACTABLE SYRINGE WITH  
SEGMENTED RETAINING LEDGE**

[54] **SERINGUE RETRACTABLE  
AYANT UN REBORD DE  
RETENTION SEGMENTE**

[72] CAIZZA, RICHARD, US

[73] MIDLAND MEDICAL DEVICES  
HOLDINGS, LLC, US

[85] 2013-09-06

[86] 2012-03-06 (PCT/US2012/027924)

[87] (WO2012/122191)

[30] US (61/449,981) 2011-03-07

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[11] **2,829,372**

[13] C

[51] **Int.Cl. A61M 5/34 (2006.01) A61M  
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[25] EN

[54] **RETRACTABLE SYRINGE WITH  
LOCKING PLUNGER**

[54] **SERINGUE RETRACTABLE  
AYANT UN PISTON  
VERROUILLABLE**

[72] CAIZZA, RICHARD, US

[72] BOJAN, JAY, US

[73] MIDLAND MEDICAL DEVICES  
HOLDINGS, LLC, US

[85] 2013-09-06

[86] 2012-03-06 (PCT/US2012/027925)

[87] (WO2012/122192)

[30] US (61/449,998) 2011-03-07

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[13] A1  
[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/28 (2006.01)**  
[25] EN  
[54] **RECONSTITUTION DEVICE**  
[54] **DISPOSITIF DE RECONSTITUTION**  
[72] TREMBLAY, YAN, CA  
[72] VIENS, MATHIEU, CA  
[72] HAMEL, SIMON, CA  
[72] CLOUTIER, SYLVAIN, CA  
[71] DUOJECT MEDICAL SYSTEMS INC., CA  
[22] 2012-08-09  
[41] 2014-02-09

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[13] A1  
[51] **Int.Cl. E05D 15/06 (2006.01) E05D 13/00 (2006.01) E06B 3/46 (2006.01)**  
[25] EN  
[54] **HEIGHT AND WIDTH ADJUSTMENT SYSTEM FOR SLIDING DOORS**  
[54] **SYSTEME DE REGLAGE DE HAUTEUR ET DE LARGEUR POUR PORTES COULISSANTES**  
[72] DAOUST, MARCEL, CA  
[71] VISTA PATIO DOORS INC., CA  
[22] 2012-08-09  
[41] 2014-02-09

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[13] A1  
[51] **Int.Cl. F21V 5/02 (2006.01) F21K 99/00 (2010.01) G02B 5/02 (2006.01)**  
[25] EN  
[54] **LIGHT DISPERSION DEVICE**  
[54] **DISPOSITIF DE DISPERSION OPTIQUE**  
[72] DUBE, JEAN-GUY, CA  
[72] MORIN, JEAN, CA  
[72] CHAGNON, CAMILLE, CA  
[72] LANG, RICHARD, CA  
[71] GROUPE LEDEL INC., CA  
[22] 2012-08-10  
[41] 2014-02-10

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[21] **2,785,248**  
[13] A1  
[51] **Int.Cl. A63B 21/02 (2006.01)**  
[25] EN  
[54] **IMPROVED EXERCISE BAR AND METHOD**  
[54] **BARRE D'EXERCICE AMELIOREE ET METHODE CONNEXE**  
[72] COJOCARU, BOGDAN, CA  
[71] COJOCARU, BOGDAN, CA  
[22] 2012-08-09  
[41] 2014-02-09

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[21] **2,785,270**  
[13] A1  
[51] **Int.Cl. F16B 7/10 (2006.01) E04H 15/46 (2006.01)**  
[25] EN  
[54] **LOCATING DEVICE FOR SLIDE JOINT**  
[54] **APPAREIL DE LOCALISATION POUR JOINT COULISSANT**  
[72] LEE, YU CHIEH, TW  
[71] LEE, YU CHIEH, TW  
[22] 2012-08-10  
[41] 2014-02-10

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[21] **2,785,271**  
[13] A1  
[51] **Int.Cl. G06Q 50/00 (2012.01)**  
[25] EN  
[54] **METHODS OF RATING AND DISPLAYING FOOD IN TERMS OF ITS LOCAL CHARACTER**  
[54] **PROCEDES D'EVALUATION ET DE PRESENTATION DES ALIMENTS EN FONCTION DE LEUR CARACTERE LOCAL**  
[72] DEAR, MEGHAN, CA  
[71] LOCALIZE SERVICES LTD., CA  
[22] 2012-08-10  
[41] 2014-02-10

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[13] A1  
[51] **Int.Cl. A01K 97/12 (2006.01) A01K 97/01 (2006.01) A01K 97/10 (2006.01)**  
[25] EN  
[54] **ICE FISHING ASSEMBLY**  
[54] **ENSEMBLE DE PECHE SUR GLACE**  
[72] FREDERICK, WILLIAM, CA  
[71] FREDERICK, WILLIAM, CA  
[22] 2012-08-15  
[41] 2014-02-15

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[21] **2,785,343**  
[13] A1  
[51] **Int.Cl. F41B 7/08 (2006.01) F41A 11/00 (2006.01)**  
[25] EN  
[54] **QUICK ASSEMBLING/DISASSEMBLING STRUCTURE FOR MOTOR HANDLE MODULE OF ELECTRICAL GEAR BOX**  
[54] **STRUCTURE A ASSEMBLAGE ET DESASSEMBLAGE RAPIDE POUR MODULE DE POIGNEE A MOTEUR D'UNE BOITE A ENGRENAGES ELECTRIQUES**  
[72] LIAO, YIN-HSI, TW  
[71] GUAY GUAY TRADING CO., LTD., TW  
[22] 2012-08-15  
[41] 2014-02-15

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[21] **2,785,369**  
[13] A1  
[51] **Int.Cl. E04H 15/34 (2006.01)**  
[25] EN  
[54] **TENT FRAME**  
[54] **ARMATURE DE TENTE**  
[72] LEE, YU CHIEH, TW  
[71] LEE, YU CHIEH, TW  
[22] 2012-08-10  
[41] 2014-02-10

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<p style="text-align: center;">[21] <b>2,785,404</b> [13] A1</p> <p>[51] <b>Int.Cl. G01K 1/02 (2006.01) G08C 19/00 (2006.01) H04W 84/18 (2009.01) H04L 12/28 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>ADAPTIVE BANDWIDTH CONSUMPTION IN REMOTE CONDITION MONITORING APPLICATIONS</b></p> <p>[54] <b>CONSOMMATION DE LARGEUR DE BANDE ADAPTATIVE DANS DES APPLICATIONS DE SURVEILLANCE D'ETAT A DISTANCE</b></p> <p>[72] FOLK, KYLE, CA [71] FOLK, KYLE, CA [22] 2012-08-13 [41] 2014-02-13</p>	<p style="text-align: center;">[21] <b>2,785,478</b> [13] A1</p> <p>[51] <b>Int.Cl. E04H 15/48 (2006.01) F16B 7/00 (2006.01) F16C 29/10 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>SLIDABLE JOINT STRUCTURE FOR CANOPY FRAME AND HOLLOW POLE</b></p> <p>[54] <b>STRUCTURE A JOINT APTE A COULISSER POUR CADRE D'AUVENT ET POTEAU CREUX</b></p> <p>[72] LEE, YU CHIEH, TW [71] LEE, YU CHIEH, TW [22] 2012-08-10 [41] 2014-02-10</p>	<p style="text-align: center;">[21] <b>2,785,484</b> [13] A1</p> <p>[51] <b>Int.Cl. F16B 7/14 (2006.01) B66F 1/02 (2006.01) E04H 15/32 (2006.01) E04H 15/44 (2006.01) F16B 21/06 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>SUPPORT LEG HEIGHT ADJUSTMENT DEVICE</b></p> <p>[54] <b>DISPOSITIF DE REGLAGE DE HAUTEUR DE PATTE DE SUPPORT</b></p> <p>[72] LEE, YU CHIEH, TW [71] LEE, YU CHIEH, TW [22] 2012-08-10 [41] 2014-02-10</p>
<p style="text-align: center;">[21] <b>2,785,445</b> [13] A1</p> <p>[51] <b>Int.Cl. F16C 11/04 (2006.01) B25B 7/08 (2006.01) F16B 5/02 (2006.01) F16C 43/02 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>CONNECTION MECHANISM FOR PIVOTALLY CONNECTING TWO LINK RODS</b></p> <p>[54] <b>MECANISME DE CONNEXION PERMETTANT DE RELIER DE MANIERE PIVOTANTE DEUX BIELLES DE POUSSEE</b></p> <p>[72] LEE, YU CHIEH, TW [71] LEE, YU CHIEH, TW [22] 2012-08-10 [41] 2014-02-10</p>	<p style="text-align: center;">[21] <b>2,785,481</b> [13] A1</p> <p>[51] <b>Int.Cl. F16C 11/04 (2006.01) B25B 7/08 (2006.01) F16B 5/02 (2006.01) F16C 43/02 (2006.01) E04H 15/48 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>PIVOTAL CONNECTION MECHANISM</b></p> <p>[54] <b>MECANISME DE CONNEXION A PIVOT</b></p> <p>[72] LEE, YU CHIEH, TW [71] LEE, YU CHIEH, TW [22] 2012-08-10 [41] 2014-02-10</p>	<p style="text-align: center;">[21] <b>2,785,498</b> [13] A1</p> <p>[51] <b>Int.Cl. D21B 1/30 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>PROCESS FOR DEFIBERIZING PULP</b></p> <p>[54] <b>PROCEDE DE DEFIBRAGE DE PATE</b></p> <p>[72] SINGH, ANIRUDH, US [72] SMITH, TIMOTHY DUANE, US [72] BARNHOLTZ, STEVEN LEE, US [72] SAEVECKE, DIRK, DE [72] ISOLDI, GINA, BE [72] ROUSSELANGE, FLORIAN, DE [71] THE PROCTER AND GAMBLE COMPANY, US [22] 2012-08-09 [41] 2014-02-09</p>
<p style="text-align: center;">[21] <b>2,785,477</b> [13] A1</p> <p>[51] <b>Int.Cl. F16C 11/04 (2006.01) A47C 4/00 (2006.01) B25B 7/08 (2006.01) E04H 15/48 (2006.01) F16B 5/02 (2006.01) F16C 43/02 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>PIVOT MECHANISM AND TENT FRAME USING SAME</b></p> <p>[54] <b>MECANISME DE PIVOTEMENT ET ARMATURE DE TENTE UTILISANT CELUI-CI</b></p> <p>[72] LEE, YU CHIEH, TW [71] LEE, YU CHIEH, TW [22] 2012-08-10 [41] 2014-02-10</p>	<p style="text-align: center;">[21] <b>2,785,482</b> [13] A1</p> <p>[51] <b>Int.Cl. F16B 7/10 (2006.01) E04H 15/46 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>TELESCOPIC PIPE CONNECTION DEVICE</b></p> <p>[54] <b>DISPOSITIF DE CONNEXION DE TUYAU TELESCOPIQUE</b></p> <p>[72] LEE, YU CHIEH, TW [71] LEE, YU CHIEH, TW [22] 2012-08-10 [41] 2014-02-10</p>	<p style="text-align: center;">[21] <b>2,785,544</b> [13] A1</p> <p>[51] <b>Int.Cl. E04H 15/48 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>TENT STRUCTURE</b></p> <p>[54] <b>STRUCTURE DE TENTE</b></p> <p>[72] LEE, YU CHIEH, TW [71] LEE, YU CHIEH, TW [22] 2012-08-10 [41] 2014-02-10</p>

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[13] A1

[51] **Int.Cl. F16C 11/04 (2006.01) B25B 7/08 (2006.01) F16B 5/02 (2006.01) F16C 43/02 (2006.01)**

[25] EN  
[54] **SCISSOR LINKAGE**  
[54] **ARTICULATION A CISEAUX**  
[72] LEE, YU CHIEH, TW  
[71] LEE, YU CHIEH, TW  
[22] 2012-08-10  
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[21] **2,785,547**  
[13] A1

[51] **Int.Cl. E04H 15/02 (2006.01) A45C 3/00 (2006.01) A45C 5/14 (2006.01) A45F 3/00 (2006.01) E04H 15/32 (2006.01)**

[25] EN  
[54] **TENT BAG**  
[54] **SAC DE TENTE**  
[72] LEE, YU CHIEH, TW  
[71] LEE, YU CHIEH, TW  
[22] 2012-08-10  
[41] 2014-02-10

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[21] **2,785,682**  
[13] A1

[51] **Int.Cl. H04W 4/02 (2009.01) G06Q 30/02 (2012.01)**

[25] EN  
[54] **A PLATFORM TO ENABLE LOCATION-BASED SEARCHING AND DISTRIBUTION OF DIGITAL COUPON AND EVENT ON MOBILE DEVICES**  
[54] **PLATEFORME PERMETTANT LA RECHERCHE FONDEE SUR LA LOCALISATION ET DISTRIBUTION DE COUPON NUMERIQUE ET D'EVENEMENT SUR DES APPAREILS MOBILES**  
[72] YU, PEIQUN (ANTHONY), CA  
[71] YU, PEIQUN (ANTHONY), CA  
[22] 2012-08-13  
[41] 2014-02-13

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[21] **2,785,780**  
[13] A1

[51] **Int.Cl. B01D 53/26 (2006.01) F02M 21/02 (2006.01) F02M 25/12 (2006.01)**

[25] EN  
[54] **METHOD AND APPARATUS FOR ADDRESSING BLOW-BACK WHEN HYDROGEN GENERATORS ARE ATTACHED TO COMBUSTION ENGINES TO ENHANCE PERFORMANCE**  
[54] **PROCEDE ET APPAREIL VISANT A TRAITER LE RETOUR DE FLAMME LORSQUE DES GENERATEURS D'HYDROGENE SONT FIXES A DES MOTEURS A COMBUSTION POUR AMELIORER LA PERFORMANCE**  
[72] ROBINSON, KENNETH W., CA  
[71] EMPIRE HYDROGEN ENERGY SYSTEMS INC., CA  
[22] 2012-08-09  
[41] 2014-02-09

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[13] A1

[51] **Int.Cl. A47J 43/06 (2006.01) A47J 43/28 (2006.01)**

[25] EN  
[54] **POTSTIR-R60**  
[54] **POTSTIR-R60**  
[72] STEWART, COREY JAMES, CA  
[71] STEWART, COREY JAMES, CA  
[22] 2012-08-09  
[41] 2014-02-09

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[21] **2,785,910**  
[13] A1

[51] **Int.Cl. G06Q 90/00 (2006.01) G06Q 30/00 (2012.01)**

[25] EN  
[54] **A METHOD OF PROVIDING TAX FREE SHOPPING**  
[54] **PROCEDE PERMETTANT D'ASSURER UN MAGASINAGE SANS TAXES**  
[72] ZUKER, ERAN EZ, CA  
[72] GINEVSKY, ANTON, CA  
[71] ZUKER, ERAN EZ, CA  
[71] GINEVSKY, ANTON, CA  
[22] 2012-08-10  
[41] 2014-02-10

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[21] **2,785,984**  
[13] A1

[51] **Int.Cl. F02M 25/12 (2006.01) C25B 1/04 (2006.01) C25B 15/08 (2006.01) F02B 43/10 (2006.01) F02M 21/02 (2006.01) C01B 3/02 (2006.01)**

[25] EN  
[54] **AUTO ENGINE EFFECTIVE UNIT**  
[54] **MODULE EFFICACE POUR MOTEUR AUTOMATIQUE**  
[72] YANG, WENBANG, CA  
[72] BU, LINGPU, CA  
[71] YANG, WENBANG, CA  
[71] BU, LINGPU, CA  
[22] 2012-08-13  
[41] 2014-02-13

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[21] **2,786,017**  
[13] A1

[51] **Int.Cl. E21B 7/24 (2006.01)**

[25] EN  
[54] **DOWNHOLE PULSE-GENERATING APPARATUS**  
[54] **APPAREIL DE GENERATION D'IMPULSIONS DE FONDS DE TROU**  
[72] FORSTER, IAN, GB  
[71] NOV DOWNHOLE EURASIA LIMITED, GB  
[22] 2012-08-13  
[41] 2014-02-13

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[21] **2,786,127**  
[13] A1

[51] **Int.Cl. G06Q 50/22 (2012.01)**

[25] EN  
[54] **METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR INTERFACING WITH AN UNIDENTIFIED HEALTH INFORMATION TECHNOLOGY SYSTEM**  
[54] **PROCEDE, APPAREIL ET PRODUIT-PROGRAMME D'ORDINATEUR PERMETTANT UN INTERFACAGE AVEC UN SYSTEME DE TECHNOLOGIE DE L'INFORMATION SUR LA SANTE NON IDENTIFIE**  
[72] MALEC, ARIEN, US  
[72] ADAMS, BRIAN, US  
[71] MCKESSON FINANCIAL HOLDINGS, BM  
[22] 2012-08-15  
[41] 2014-02-09  
[30] US (13/571,112) 2012-08-09

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[21] **2,786,361**  
[13] A1

[51] **Int.Cl. G06Q 40/08 (2012.01)**  
[25] EN  
[54] **OWNER-DIRECTED UNIVERSAL LIFE INSURANCE PRODUCT**  
[54] **PRODUIT D'ASSURANCE-VIE UNIVERSEL DIRIGE PAR LE PROPRIETAIRE**  
[72] SKAUGE, RICHARD KENNETH, CA  
[71] OLYMPIA TRUST COMPANY, CA  
[22] 2012-08-14  
[41] 2014-02-14

[21] **2,786,368**  
[13] A1

[51] **Int.Cl. A61K 49/00 (2006.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01) A61B 8/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DIAGNOSIS OF TUMOR ACTIVITY USING TUMOR INTERSTITIAL FLUID PRESSURE**  
[54] **PROCEDE ET APPAREIL POUR LE DIAGNOSTIC DE L'ACTIVITE TUMORALE UTILISANT LA PRESSION DU LIQUIDE INTERSTITIEL DE LA TUMEUR**  
[72] SCHLESINGER, MORDECHAY, CA  
[72] LIU, LONG JIAN, CA  
[72] EWING, JAMES R., US  
[72] BROWN, STEPHEN L., US  
[71] UNIVERSITY OF WINDSOR, CA  
[71] HENRY FORD HOSPITAL, US  
[22] 2012-08-14  
[41] 2014-02-14

[21] **2,786,392**  
[13] A1

[51] **Int.Cl. A23L 1/29 (2006.01) A21D 10/00 (2006.01)**  
[25] EN  
[54] **ALLERGEN-FREE COMPOSITIONS**  
[54] **COMPOSITIONS EXEMPTES D'ALLERGENE**  
[72] BECKER, LAURA LANE, US  
[71] BECKER, LAURA LANE, US  
[22] 2012-08-16  
[41] 2014-02-15  
[30] US (13/586,601) 2012-08-15

[21] **2,786,484**  
[13] A1

[51] **Int.Cl. G06Q 50/24 (2012.01)**  
[25] EN  
[54] **METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR VERSIONING ELECTRONIC HEALTH RECORDS**  
[54] **PROCEDE, APPAREIL ET PRODUIT-PROGRAMME D'ORDINATEUR POUR LE CONTROLE DES VERSIONS DE DOSSIERS MEDICAUX ELECTRONIQUES**  
[72] MALEC, ARIEN, US  
[72] ADAMS, BRIAN, US  
[71] MCKESSON FINANCIAL HOLDINGS, BM  
[22] 2012-08-15  
[41] 2014-02-09  
[30] US (13/571,059) 2012-08-09

[21] **2,786,689**  
[13] A1

[51] **Int.Cl. E04H 15/08 (2006.01) B60P 3/36 (2006.01)**  
[25] FR  
[54] **RAIN GUTTER FOR RETRACTABLE AWNING**  
[54] **GOUTIERE POUR AUVENT RETRACTABLE**  
[72] TREMBLAY, DANY, CA  
[71] TREMBLAY, DANY, CA  
[22] 2012-08-14  
[41] 2014-02-14

[21] **2,786,721**  
[13] A1

[51] **Int.Cl. F16H 33/20 (2006.01) F03G 7/10 (2006.01)**  
[25] EN  
[54] **FORCE CONVERTER APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE DE CONVERSION DE FORCE**  
[72] VO, VAN THANH, VN  
[72] LE, TUAN VINH, CA  
[71] LE, TUAN VINH, CA  
[22] 2012-08-14  
[41] 2014-02-14

[21] **2,787,734**  
[13] A1

[51] **Int.Cl. A47C 1/034 (2006.01) A47C 1/024 (2006.01) A47C 1/032 (2006.01)**  
[25] EN  
[54] **GLIDING RECLINER ARMCHAIR WITH FOOTREST**  
[54] **FAUTEUIL INCLINABLE A COULISSEMENT AVEC REPOSE-PIEDS**  
[72] PELLETIER, PATRICE, CA  
[72] PELLETIER, GINO, CA  
[71] PELLETIER, PATRICE, CA  
[71] PELLETIER, GINO, CA  
[22] 2012-08-14  
[41] 2014-02-14

[21] **2,787,762**  
[13] A1

[51] **Int.Cl. B01D 65/02 (2006.01) C02F 1/00 (2006.01) C02F 3/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CLEANING A FILTRATION CASSETTE OF A MEMBRANE BIO-REACTOR**  
[54] **PROCEDE ET APPAREIL POUR NETTOYER UNE CASSETTE DE FILTRATION D'UN BIOREACTEUR A MEMBRANE**  
[72] KEMPSON, JEFF, CA  
[72] PAWLINSKI, STANISLAUS, DE  
[72] WEISE, ULRICH, DE  
[71] NEWTERRA INC., CA  
[22] 2012-08-28  
[41] 2014-02-09  
[30] US (13570385) 2012-08-09

[21] **2,790,765**  
[13] A1

[51] **Int.Cl. B63C 13/00 (2006.01) B60F 3/00 (2006.01) B63B 38/00 (2006.01)**  
[25] FR  
[54] **HOVERCRAFT TYPE ECO-GLIDER**  
[54] **ECO-GLIDER DU TYPE AEROGLISSSEUR**  
[72] LABONTE, GILLES, CA  
[71] LABONTE, GILLES, CA  
[22] 2012-08-10  
[41] 2014-02-10

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[21] **2,791,594**  
[13] A1

[51] **Int.Cl. A47C 4/28 (2006.01) A47C 4/04 (2006.01)**  
[25] EN  
[54] **FOLDABLE CHAIR**  
[54] **CHAISE PLIABLE**  
[72] AKKAD, BENJAMIN, US  
[71] IDEA NUOVA, INC., US  
[22] 2012-10-03  
[41] 2014-02-09  
[30] US (13/570,472) 2012-08-09

[21] **2,793,283**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**  
[25] EN  
[54] **INTERNET GAME APPLICATION OF A MARKETING AND LIFESTYLE ENHANCEMENT PROCESS WITH A PROFESSIONAL AND NON PROFESSIONAL SERVICE PROVIDER IN SALES INDUSTRY**  
[54] **APPLICATION DE JEU INTERNET D'UN PROCEDE D'AMELIORATION DE MARKETING ET DE STYLE DE VIE AVEC UN FOURNISSEUR DE SERVICE PROFESSIONNEL ET NON PROFESSIONNEL DANS LE SECTEUR DE LA VENTE**  
[72] BOYLES, KEVAN, US  
[71] BOYLES, KEVAN, US  
[22] 2012-10-25  
[41] 2014-02-14  
[30] US (61/683,047) 2012-08-14

[21] **2,793,980**  
[13] A1

[51] **Int.Cl. H04N 5/445 (2011.01) H04N 13/00 (2006.01)**  
[25] EN  
[54] **TELEVISION DEVICE AND METHOD FOR DISPLAYING VIRTUAL ON-SCREEN INTERACTIVE MODERATOR**  
[54] **DISPOSITIF DE TELEVISION ET PROCEDE POUR AFFICHER UN MODERATEUR INTERACTIF VIRTUEL A L'ECRAN**  
[72] SUNG, LIAM-YUNG, TW  
[71] KENTEC INC., TW  
[22] 2012-10-24  
[41] 2014-02-14  
[30] TW (101129302) 2012-08-14

[21] **2,798,353**  
[13] A1

[51] **Int.Cl. E04H 17/16 (2006.01) E04H 17/26 (2006.01)**  
[25] EN  
[54] **FENCE SYSTEM**  
[54] **SYSTEME DE CLOTURE**  
[72] RICHISON, CLIFFORD MARION, US  
[72] RICHISON, BRETT JASON, US  
[71] FENCETRAC FENCE SYSTEMS, INC., US  
[22] 2012-12-10  
[41] 2014-02-10  
[30] US (13/571,855) 2012-08-10

[21] **2,806,408**  
[13] A1

[51] **Int.Cl. A01C 7/08 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONTROLLING SOIL FINISH FROM AN AGRICULTURAL IMPLEMENT**  
[54] **SYSTEME ET PROCEDE POUR CONTROLER LA TEXTURE DU SOL A PARTIR D'UN INSTRUMENT ARATOIRE**  
[72] HENRY, JIM, CA  
[72] POSSELIUS, JOHN, US  
[71] CNH CANADA, LTD., CA  
[22] 2013-02-20  
[41] 2014-02-09  
[30] US (13/571,071) 2012-08-09

[21] **2,806,410**  
[13] A1

[51] **Int.Cl. A01C 7/20 (2006.01)**  
[25] EN  
[54] **PRESSURE-BASED BLOCKAGE DETECTION SYSTEM AND METHOD IN CROP PRODUCTION SYSTEMS**  
[54] **SYSTEME ET PROCEDE DE DETECTION DE BLOCAGE FONDES SUR LA PRESSION DANS DES SYSTEMES DE PRODUCTION VEGETALE**  
[72] HUI, KA PO CATHERINE, CA  
[72] GERVAIS, JOEL JOHN OCTAVE, CA  
[72] HENRY, JAMES WAYNE, CA  
[71] CNH CANADA, LTD., CA  
[22] 2013-02-20  
[41] 2014-02-14  
[30] US (13/585,762) 2012-08-14

[21] **2,812,202**  
[13] A1

[51] **Int.Cl. B03B 9/02 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR REMOVAL OF OILSANDS MATURE FINE TAILINGS (MFT) OUT OF OILSANDS TAILINGS PONDS, SPECIFICALLY ENABLING YEAR-ROUND REMOVAL OF MFT OF DENSITY GREATER THAN 1.35T/M3**  
[54] **PROCEDE ET SYSTEME D'ELIMINATION DES RESIDUS FINS MURS DE SABLES BITUMINEUX DES ETANGS DE RESIDUS DE SABLES BITUMINEUX, PERMETTANT NOTAMMENT UNE ELIMINATION TOUTE L'ANNEE DES RESIDUS FINS MURS D'UNE DENSITE SUPERIEURE A 1,35 T/M3**  
[72] SVORCAN, RADE, CA  
[71] SVORCAN, RADE, CA  
[22] 2013-04-02  
[41] 2014-02-11

[21] **2,813,449**  
[13] A1

[51] **Int.Cl. B27N 3/04 (2006.01) B32B 5/16 (2006.01) B32B 21/02 (2006.01) B32B 27/04 (2006.01)**  
[25] EN  
[54] **THERMALLY INSULATING LOW-DENSITY STRUCTURAL WOODEN COMPOSITE**  
[54] **COMPOSITE EN BOIS STRUCTUREL A FAIBLE DENSITE THERMIQUEMENT ISOLANT**  
[72] WINTEROWD, JACK G., US  
[72] ROBAK, GLEN, US  
[72] BJORKMAN, TRAVIS E., US  
[71] WEYERHAEUSER NR COMPANY, US  
[22] 2013-04-19  
[41] 2014-02-13  
[30] US (13/572,979) 2012-08-13

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[21] **2,815,954**  
[13] A1

[51] **Int.Cl. D06F 39/00 (2006.01)**  
[25] EN  
[54] **LAUNDRY TREATING APPLIANCE AND METHOD OF CONTROL**  
[54] **APPAREIL DE TRAITEMENT DE LINGE ET METHODE DE COMMANDE**  
[72] MERKLE, SCOTT A., US  
[72] MUELLER, DALE E., US  
[71] WHIRLPOOL CORPORATION, US  
[22] 2013-05-16  
[41] 2014-02-10  
[30] US (13/571,400) 2012-08-10

[21] **2,815,970**  
[13] A1

[51] **Int.Cl. D06F 39/00 (2006.01)**  
[25] EN  
[54] **LAUNDRY TREATING APPLIANCE AND METHOD OF DETECTING OVERSUDS**  
[54] **APPAREIL DE TRAITEMENT DE LINGE ET PROCEDE DE DETECTION D'EAU TROP SAVONNEUSE**  
[72] BORGES, RODRIGO WEISSMANN, US  
[72] FERRO, GREGORY A., US  
[71] WHIRLPOOL CORPORATION, US  
[22] 2013-05-16  
[41] 2014-02-10  
[30] US (13/571,463) 2012-08-10

[21] **2,815,971**  
[13] A1

[51] **Int.Cl. D06F 37/10 (2006.01) A47L 15/42 (2006.01) D06F 37/28 (2006.01) E05B 65/44 (2006.01)**  
[25] EN  
[54] **LID LOCK FOR HOUSEHOLD APPLIANCE**  
[54] **VERROU DE COUVERCLE POUR APPAREIL ELECTROMENAGER**  
[72] BROWN, ADAM R., US  
[71] WHIRLPOOL CORPORATION, US  
[22] 2013-05-16  
[41] 2014-02-10  
[30] US (13/571,447) 2012-08-10

[21] **2,816,220**  
[13] A1

[51] **Int.Cl. G06Q 50/04 (2012.01)**  
[25] EN  
[54] **MULTI-USER VIRTUAL PRODUCT DEVELOPMENT ENVIRONMENT**  
[54] **ENVIRONNEMENT DE DEVELOPPEMENT DE PRODUITS VIRTUELS A UTILISATEURS MULTIPLES**  
[72] SYMMONDS, MATTHEW M., US  
[71] THE BOEING COMPANY, US  
[22] 2013-05-21  
[41] 2014-02-13  
[30] US (US 13/584,084) 2012-08-13

[21] **2,816,624**  
[13] A1

[51] **Int.Cl. F16H 33/20 (2006.01) F03G 7/10 (2006.01)**  
[25] EN  
[54] **FORCE CONVERTER APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE DE CONVERSION DE FORCE**  
[72] LE, TUAN V., CA  
[72] VAN, THANH V., VN  
[71] L.T. MACHINE & TOOLS INC., CA  
[22] 2013-05-17  
[41] 2014-02-14  
[30] CA (2786721) 2012-08-14

[21] **2,816,830**  
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01) G06F 17/50 (2006.01)**  
[25] EN  
[54] **MODEL FOR MANAGING VARIATIONS IN A PRODUCT STRUCTURE FOR A PRODUCT**  
[54] **MODELE POUR LA GESTION DES VARIATIONS DANS UNE STRUCTURE DE PRODUIT POUR UN PRODUIT**  
[72] CALLAHAN, SEAN M., US  
[71] THE BOEING COMPANY, US  
[22] 2013-05-24  
[41] 2014-02-14  
[30] US (13/585,664) 2012-08-14

[21] **2,818,638**  
[13] A1

[51] **Int.Cl. B29C 35/02 (2006.01) B64F 5/00 (2006.01)**  
[25] EN  
[54] **PORTABLE CURING SYSTEM**  
[54] **SYSTEME DE CUISSON PORTATIF**  
[72] SCHMIER, MARK A., II, US  
[72] JONES, GARY, US  
[71] THE BOEING COMPANY, US  
[22] 2013-06-11  
[41] 2014-02-15  
[30] US (13/586,032) 2012-08-15

[21] **2,818,771**  
[13] A1

[51] **Int.Cl. A41C 3/12 (2006.01) A41C 5/00 (2006.01)**  
[25] EN  
[54] **GEL-CUSHIONED SUPPORT COMPONENT CHANNEL FOR A BRASSIERE**  
[54] **GORGE D'ELEMENT DE SOUTIEN A COUSSIN DE GEL POUR UN SOUTIEN-GORGE**  
[72] YUNG, CHI SHING, CN  
[72] SMITH, ROBERT JOVAN, CN  
[72] LAM, KA CHUN MATTHEW, CN  
[71] VICTORIA'S SECRET STORES BRAND MANAGEMENT, INC., US  
[22] 2013-06-14  
[41] 2014-02-09  
[30] US (13/570,573) 2012-08-09

[21] **2,819,322**  
[13] A1

[51] **Int.Cl. G01C 22/00 (2006.01) B60W 40/10 (2012.01)**  
[25] EN  
[54] **METHOD FOR DETERMINING THE LENGTH OF A PATH TRAVELED BY A VEHICLE**  
[54] **METHODE POUR DETERMINER LA LONGUEUR D'UN TRAJET PARCOURU PAR UN VEHICULE**  
[72] TIJINK, JASJA, AT  
[72] SCHEIDER, THOMAS, AT  
[72] WEIMANN, FRANZ, AT  
[72] SCHRODL, SOREN, AT  
[71] KAPSCH TRAFFICOM AG, AT  
[22] 2013-06-26  
[41] 2014-02-13  
[30] EP (12180295.3) 2012-08-13

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,819,441**  
 [13] A1

[51] **Int.Cl. G01C 21/32 (2006.01) G01C 22/00 (2006.01) G01S 19/42 (2010.01) G07B 15/06 (2011.01)**

[25] EN

[54] **METHOD FOR UPDATING A DIGITAL ROAD MAP**

[54] **PROCEDE POUR METTRE A JOUR UNE CARTE ROUTIERE NUMERIQUE**

[72] TIJINK, JASJA, AT

[72] SCHEIDER, THOMAS, AT

[72] WEIMANN, FRANZ, AT

[72] SCHRODL, SOREN, AT

[71] KAPSCH TRAFFICCOM AG, AT

[22] 2013-06-26

[41] 2014-02-13

[30] EP (12180293.8) 2012-08-13

[21] **2,819,735**  
 [13] A1

[51] **Int.Cl. F16K 15/03 (2006.01) F16K 1/18 (2006.01) F16K 1/50 (2006.01)**

[25] EN

[54] **DUAL DISK CHECK VALVE WITH SLOTTED STOP BAR**

[54] **CLAPET DE RETENUE A DOUBLE DISQUE AVEC BARRE D'ARRET A FENTE**

[72] BARONE, MICHAEL, US

[71] HAMILTON SUNDSTRAND CORPORATION, US

[22] 2013-07-03

[41] 2014-02-09

[30] US (15/570,926) 2012-08-09

[21] **2,820,196**  
 [13] A1

[51] **Int.Cl. E02D 31/02 (2006.01) E02D 19/00 (2006.01)**

[25] EN

[54] **METHOD FOR DRAINAGE OF WATER AROUND SUBTERRANEAN STRUCTURES**

[54] **PROCEDE DE DRAINAGE D'EAU AUTOUR DES STRUCTURES SOUTERRAINES**

[72] PAL, JOHN J., JR., US

[71] PAL, JOHN J., JR., US

[22] 2013-07-10

[41] 2014-02-09

[30] US (13/509,949) 2012-08-09

[21] **2,820,325**  
 [13] A1

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

[25] EN

[54] **METHOD AND DEVICE FOR CONVEYING GOODS TO BE CONVEYED WITH A CELLULAR WHEEL SLUICE**

[54] **PROCEDE ET DISPOSITIF POUR TRANSPORTER DES MARCHANDISES A TRANSPORTER AU MOYEN D'UNE VANNE A ROUE CELLULAIRE**

[72] KIRCHHOFF, TIMM, DE

[71] KRONES AG, DE

[22] 2013-06-19

[41] 2014-02-09

[30] DE (102012214185.5) 2012-08-09

[21] **2,820,418**  
 [13] A1

[51] **Int.Cl. A63J 1/00 (2006.01)**

[25] EN

[54] **LIFTING STAGE FOR AQUACADE**

[54] **SCENE MOBILE POUR FETE SUR L'EAU**

[72] LAI, JIANYAN, CN

[72] WANG, YUAN, CN

[71] WANDA CULTURAL TOURISM PLANNING & RESEARCH INSTITUTE CO., LTD., CN

[22] 2013-06-14

[41] 2014-02-10

[30] CN (201210283544.4) 2012-08-10

[21] **2,820,497**  
 [13] A1

[51] **Int.Cl. B60P 7/02 (2006.01) B60J 11/06 (2006.01)**

[25] EN

[54] **TONNEAU COVER LOCKING SPRING CLAMP**

[54] **PINCE A RESSORT DE VERROUILLAGE POUR COUVERCLE DE COUVRE-CAISSE**

[72] SPENCER, MICHAEL R., US

[71] EXTANG CORPORATION, US

[22] 2013-06-25

[41] 2014-02-13

[30] US (13/572,878) 2012-08-13

[21] **2,820,743**  
 [13] A1

[51] **Int.Cl. B60P 7/02 (2006.01) B60J 11/06 (2006.01)**

[25] EN

[54] **TONNEAU COVER RETENTION AND DRAIN SYSTEMS**

[54] **SYSTEMES DE RETENUE ET DE DRAINAGE DE COUVERCLE DE COUVRE-CAISSE**

[72] RUSHER, RYAN, US

[72] FACCHINELLO, JEROME, US

[71] EXTANG CORPORATION, US

[22] 2013-06-25

[41] 2014-02-13

[30] US (13/572,867) 2012-08-13

[21] **2,820,913**  
 [13] A1

[51] **Int.Cl. G06F 3/041 (2006.01) G06F 1/26 (2006.01)**

[25] EN

[54] **ELECTRONIC DEVICE INCLUDING TOUCH-SENSITIVE DISPLAY AND METHOD OF DETECTING TOUCHES**

[54] **DISPOSITIF ELECTRONIQUE COMPORTANT UN AFFICHAGE TACTILE ET PROCEDE DE DETECTION DE TOUCHES**

[72] SINGH, AMIT PAL, CA

[72] DOLSON, JOHN EDWARD, CA

[72] PAREKH, PREMAL VINODCHANDRA, CA

[71] RESEARCH IN MOTION LIMITED, CA

[22] 2013-07-11

[41] 2014-02-10

[30] EP (12180099.9) 2012-08-10

[21] **2,821,150**  
 [13] A1

[51] **Int.Cl. E21B 44/00 (2006.01) E21B 7/00 (2006.01) E21B 47/02 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR PRODUCING AND MEASURING A BOREHOLE**

[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE ET MESURER UN Puits DE FORAGE**

[72] SCHWANZ, CHRISTOPH, DE

[72] WIEDENMANN, ULLI, DE

[71] BAUER SPEZIALTIEFBAU GMBH, DE

[22] 2013-07-17

[41] 2014-02-13

[30] EP (12 005 850.8) 2012-08-13

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[21] **2,821,457**  
[13] A1

[51] **Int.Cl. A01N 61/02 (2006.01) A01N 25/04 (2006.01) A01N 25/30 (2006.01) A01N 59/02 (2006.01) A01P 3/00 (2006.01) A01P 7/00 (2006.01)**

[25] EN

[54] **STABLE FORMULATION**

[54] **FORMULATION STABLE**

[72] SHROFF, JAIDEV RAJNIKANT, IN

[72] SHROFF, VIKRAM RAJNIKANT, IN

[72] BERGAMASCHI, ANDREA, IN

[71] UNITED PHOSPHORUS LIMITED, IN

[22] 2013-07-19

[41] 2014-02-10

[30] IN (907/KOL/2012) 2012-08-10

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[21] **2,821,459**  
[13] A1

[51] **Int.Cl. B05C 17/015 (2006.01) A61B 17/00 (2006.01)**

[25] EN

[54] **PNEUMATIC ACTUATION ASSEMBLY**

[54] **ENSEMBLE D'ACTIONNEMENT PNEUMATIQUE**

[72] HULL, LES, US

[71] CONFLUENT SURGICAL, INC., US

[22] 2013-07-22

[41] 2014-02-10

[30] US (61/681,706) 2012-08-10

[30] US (13/922,640) 2013-06-20

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[21] **2,821,476**  
[13] A1

[51] **Int.Cl. B41J 2/175 (2006.01)**

[25] EN

[54] **INKJET RECORDING APPARATUS**

[54] **APPAREIL D'ENREGISTREMENT A JET D'ENCRE**

[72] IZAWA, HIDEO, JP

[72] NAMIKI, TAKAO, JP

[72] ISHIKAWA, AKIRA, JP

[72] ITABASHI, WATARU, JP

[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP

[22] 2013-07-12

[41] 2014-02-10

[30] JP (JP2012-178184) 2012-08-10

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[21] **2,821,527**  
[13] A1

[51] **Int.Cl. C01B 17/02 (2006.01) B01J 6/00 (2006.01)**

[25] EN

[54] **SULFUR MELTING SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE DE FUSION DE SOUFRE**

[72] PICKREN, ROY ANTHONY, US

[72] MADUELL, ROGER JACQUES, US

[72] SINGLETON, DAVID BRIAN, US

[71] CTI CONSULTING, LLC, US

[22] 2013-07-23

[41] 2014-02-13

[30] US (61/742,511) 2012-08-13

[30] US (UNKNOWN) 2013-07-16

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[21] **2,821,533**  
[13] A1

[51] **Int.Cl. E05B 9/02 (2006.01)**

[25] EN

[54] **LOCKABLE LOCKSET OPERABLE BY EITHER AXIAL OR ROTATIONAL KNOB MOVEMENT**

[54] **ENSEMBLE VERROU VERROUILLABLE ACTIONNABLE PAR LE BIAIS D'UN MOUVEMENT DE BOUTON AXIAL OU ROTATIONNEL**

[72] WEATHERSBY, STEVEN T., US

[71] HAMPTON PRODUCTS INTERNATIONAL CORPORATION, US

[22] 2013-07-19

[41] 2014-02-15

[30] US (61/683,573) 2012-08-15

[30] US (13/909,433) 2013-06-04

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[21] **2,821,619**  
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/285 (2006.01) A61L 17/06 (2006.01)**

[25] EN

[54] **BUTTRESS ATTACHMENT TO DEGRADABLE POLYMER ZONES**

[54] **FIXATION DE RENFORT AUX ZONES POLYMERES DEGRADABLES**

[72] HODGKINSON, GERALD N., US

[71] COVIDIEN LP, US

[22] 2013-07-23

[41] 2014-02-15

[30] US (13/586,261) 2012-08-15

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[21] **2,821,687**  
[13] A1

[51] **Int.Cl. B01D 25/12 (2006.01)**

[25] EN

[54] **FLUID TREATMENT ASSEMBLIES, FLUID TREATMENT SEGMENTS, AND METHODS OF MAKING FLUID TREATMENT SYSTEMS**

[54] **ENSEMBLES ET SEGMENTS DE TRAITEMENT DE FLUIDES ET PROCEDES DE FABRICATION DE SYSTEMES DE TRAITEMENT DE FLUIDES**

[72] SAYER, CHERYL, US

[72] MESSIER, SYLVIA, US

[71] PALL CORPORATION, US

[22] 2013-07-23

[41] 2014-02-10

[30] US (13/571,633) 2012-08-10

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[21] **2,821,702**  
[13] A1

[51] **Int.Cl. B65D 5/36 (2006.01)**

[25] EN

[54] **STAND-UP BAG OF WELDABLE FOIL FOR HOLDING POURABLE CONTENTS**

[54] **SAC A MAINTIEN VERTICAL CONSTITUE D'UNE FEUILLE SOUDABLE SERVANT A CONTENIR UN CONTENU APTE A ETRE VERSE**

[72] GUM, MARK W., US

[71] MONDI JACKSON, INC., US

[22] 2013-07-24

[41] 2014-02-10

[30] US (13/571,396) 2012-08-10

**Demandes canadiennes mises à la disponibilité du public**  
**9 février 2014 au 15 février 2014**

[21] **2,821,732**  
[13] A1

[51] **Int.Cl. G01R 15/20 (2006.01) H02J 13/00 (2006.01) H02M 5/08 (2006.01) H02M 7/04 (2006.01) H03H 1/00 (2006.01)**

[25] EN

[54] **SYSTEM INCLUDING A MAGNETOELECTRIC DEVICE FOR POWERING A LOAD OR VISUALLY INDICATING AN ENERGIZED POWER BUS**

[54] **SYSTEME COMPORTANT UN DISPOSITIF MAGNETOELECTRIQUE POUR ALIMENTER UNE CHARGE OU INDICHER VISUELLEMENT UN BUS DE PUISSANCE SOUS TENSION**

[72] KOVACICH, JOHN A., US  
[72] KOYILOTHU, SARIN KUMAR ANAKKAT, US  
[71] EATON CORPORATION, US  
[22] 2013-07-25  
[41] 2014-02-13  
[30] US (13/584188) 2012-08-13

[21] **2,821,864**  
[13] A1

[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/0484 (2013.01)**

[25] EN

[54] **METHOD OF MOMENTUM BASED ZOOM OF CONTENT ON AN ELECTRONIC DEVICE**

[54] **PROCEDE DE ZOOM A BASE DE MOMENTS DU CONTENU D'UN DISPOSITIF ELECTRONIQUE**

[72] MAK, GENEVIEVE ELIZABETH, CA  
[71] BLACKBERRY LIMITED, CA  
[22] 2013-07-26  
[41] 2014-02-10  
[30] EP (12180071.8) 2012-08-10

[21] **2,822,229**  
[13] A1

[51] **Int.Cl. C07K 14/76 (2006.01) A61K 38/38 (2006.01) C07K 14/765 (2006.01) C12N 7/04 (2006.01)**

[25] EN

[54] **CAPRYLATE VIRAL DEACTIVATION**

[54] **DESACTIVATION VIRALE AU MOYEN DE CAPRYLATE**

[72] LEBING, WYTOLD, US  
[72] BURNS, DOUG, US  
[72] ROTH, NATHAN, US  
[72] HOTTA, JOANN, US  
[71] GRIFOLS, S.A., ES  
[22] 2013-07-25  
[41] 2014-02-09  
[30] US (61/681,265) 2012-08-09

[21] **2,822,276**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/0484 (2013.01) G06F 17/30 (2006.01)**

[25] EN

[54] **METHODS AND DEVICES FOR STORING CONTENT BASED ON CLASSIFICATION OPTIONS**

[54] **PROCEDES ET DISPOSITIFS POUR STOCKER UN CONTENU EN FONCTION D'OPTIONS DE CLASSIFICATION**

[72] SCOTT, SHERRYL LEE LORRAINE, CA  
[72] GRIFFIN, JASON TYLER, CA  
[72] PASQUERO, JEROME, CA  
[72] FYKE, STEVEN HENRY, CA  
[72] WALKER, DAVID RYAN, CA  
[71] BLACKBERRY LIMITED, CA  
[22] 2013-08-01  
[41] 2014-02-10  
[30] EP (12180019.7) 2012-08-10

[21] **2,822,326**  
[13] A1

[51] **Int.Cl. A47C 1/028 (2006.01) A47C 1/0355 (2013.01) A47C 1/024 (2006.01) A47C 3/02 (2006.01)**

[25] EN

[54] **GLIDING MECHANISM FOR A GLIDING RECLINER SEATING ASSEMBLY**

[54] **MECANISME COULISSANT POUR UN SIEGE INCLINABLE A COULISSEMENT**

[72] PELLETIER, PATRICE, CA  
[72] PELLETIER, GINO, CA  
[71] PEL INTERNATIONAL INC., CA  
[22] 2013-08-02  
[41] 2014-02-14  
[30] US (61/742,561) 2012-08-14

[21] **2,822,514**  
[13] A1

[51] **Int.Cl. G06F 21/44 (2013.01) H04L 9/32 (2006.01) H04W 4/24 (2009.01) G06Q 20/32 (2012.01) H04M 15/00 (2006.01)**

[25] EN

[54] **METHOD FOR VERIFYING AUTHENTICITY, CORRESPONDING SERVER, SYSTEM AND COMPUTER PROGRAM**

[54] **PROCEDE DE VERIFICATION D'AUTHEENTICITE ET SERVEUR, SYSTEME ET PROGRAMME D'ORDINATEUR CORRESPONDANTS**

[72] ROTSAERT, CHRISTOPHER, FR  
[71] COMPAGNIE INDUSTRIELLE ET FINANCIERE D'INGENIERIE "INGENICO", FR  
[22] 2013-07-30  
[41] 2014-02-09  
[30] FR (1257744) 2012-08-09

**Canadian Applications Open to Public Inspection**  
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[21] **2,822,679**  
 [13] A1

[51] **Int.Cl. F03D 11/00 (2006.01) F03D 7/02 (2006.01) F16D 7/00 (2006.01)**

[25] EN

[54] **OVERLOAD SLIP MECHANISM FOR THE YAW DRIVE ASSEMBLY OF A WIND TURBINE**

[54] **MECANISME DE GLISSEMENT CONTRE LES SURCHARGES POUR L'ENSEMBLE MECANISME A LACET D'UNE EOLIENNE**

[72] CLOSE, RYAN, US

[72] CONRAD, CHAD ROBERT, US

[72] CRUDEN, KRISTINA ANNE, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2013-08-01

[41] 2014-02-10

[30] US (13/571,713) 2012-08-10

[21] **2,822,706**  
 [13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) G06F 17/30 (2006.01)**

[25] EN

[54] **ONLINE SYSTEM FOR PERSON TO PERSON TRANSACTION**

[54] **SYSTEME EN LIGNE POUR TRANSACTION DE PERSONNE A PERSONNE**

[72] KARIM, FADL-ALLA ABDEL, ZZ

[72] JACOB, ALAIN, ZZ

[71] KARIM, FADL-ALLA ABDEL, CA

[71] JACOB, ALAIN, CA

[22] 2013-07-31

[41] 2014-02-15

[30] US (61683608) 2012-08-15

[21] **2,822,926**  
 [13] A1

[51] **Int.Cl. A47F 5/08 (2006.01) A47F 7/00 (2006.01) A47G 29/02 (2006.01)**

[25] EN

[54] **BACK-LOADING PRODUCT DISPENSING HOOK**

[54] **CROCHET DISTRIBUTEUR DE PRODUITS A CHARGEMENT ARRIERE**

[72] WILDRICK, RICHARD J., US

[72] KOLOGE, JOSEPH F., US

[71] TRION INDUSTRIES, INC., US

[22] 2013-07-31

[41] 2014-02-15

[30] US (61/683,484) 2012-08-15

[30] US (13/903,492) 2013-05-28

[21] **2,822,937**  
 [13] A1

[51] **Int.Cl. F03D 7/00 (2006.01) H02P 9/04 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CONTROLLING SPEED AND TORQUE OF A WIND TURBINE DURING POST-RATED WIND SPEED CONDITIONS**

[54] **SYSTEME ET PROCEDE POUR REGULER LA VITESSE ET LE COUPLE D'UNE EOLIENNE AU-DELA DES CONDITIONS DE VITESSE DE VENT NOMINALES**

[72] PERLEY, THOMAS FRANKLIN, US

[72] GERBER, BRANDON SHANE, US

[72] YARBROUGH, AARON, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2013-08-01

[41] 2014-02-09

[30] US (13/570,651) 2012-08-09

[21] **2,822,940**  
 [13] A1

[51] **Int.Cl. G06F 3/14 (2006.01) G01C 23/00 (2006.01)**

[25] EN

[54] **METHODS FOR DISPLAYING ON A GRAPHICAL USER INTERFACE**

[54] **PROCEDES D'AFFICHAGE SUR UNE INTERFACE UTILISATEUR GRAPHIQUE**

[72] BUEHLER, ERIC DANIEL, US

[72] OCCHIPINTI, BENJAMIN THOMAS, US

[71] GE AVIATION SYSTEMS LLC, US

[22] 2013-08-01

[41] 2014-02-15

[30] US (13/585,984) 2012-08-15

[21] **2,822,942**  
 [13] A1

[51] **Int.Cl. H02M 1/00 (2007.10) F03D 9/00 (2006.01) H02H 7/10 (2006.01) H02J 3/38 (2006.01) H02K 7/18 (2006.01)**

[25] EN

[54] **ALTERNATIVE POWER CONVERTER SYSTEM**

[54] **SYSTEME DE CONVERTISSEUR DE PUISSANCE ALTERNATIVE**

[72] WAGONER, ROBERT GREGORY, US

[71] GENERAL ELECTRIC COMPANY, US

[22] 2013-08-01

[41] 2014-02-15

[30] US (13/586,402) 2012-08-15

[21] **2,822,948**  
 [13] A1

[51] **Int.Cl. A01G 9/02 (2006.01)**

[25] EN

[54] **GROWTH CONTAINER**

[54] **RECIPIENT POUR CROISSANCE**

[72] SALOJARVI, JOUNI, FI

[72] SOKKA, MIKA, FI

[72] MASALIN, PETTERI, FI

[71] FISKARS BRANDS FINLAND OY AB, FI

[22] 2013-07-31

[41] 2014-02-13

[30] FI (20125839) 2012-08-13

[21] **2,822,989**  
 [13] A1

[51] **Int.Cl. G08G 1/123 (2006.01) H04W 8/20 (2009.01) H04W 84/18 (2009.01) H04W 88/06 (2009.01) G06Q 10/06 (2012.01) G06Q 50/30 (2012.01) G08G 1/09 (2006.01)**

[25] EN

[54] **DATA TRANSMISSION FOR TRANSPORTATION MANAGEMENT**

[54] **TRANSMISSION DE DONNEES POUR GESTION DE TRANSPORT**

[72] MOHN, CHARLES, US

[72] SEKULA, CHRISTOPHER A., CA

[72] KAKUMANU, SARAT, US

[72] TUTTLE, ODELL R., US

[72] FUGLEWICZ, DANIEL P., US

[72] ANDERSON, PETER S., US

[72] MARTIN, THOMAS J., JR., US

[71] XRS CORPORATION, US

[22] 2013-08-07

[41] 2014-02-10

[30] US (61/682,004) 2012-08-10

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[13] A1

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[25] EN

[54] **COMMERCIAL TRANSPORTATION INFORMATION PRESENTATION TECHNIQUES**

[54] **TECHNIQUES DE PRESENTATION D'INFORMATION DE TRANSPORT COMMERCIAL**

[72] SEKULA, CHRISTOPHER A., CA  
[72] MOHN, CHARLES, US  
[72] KAKUMANU, SARAT, US  
[72] TUTTLE, ODELL R., US  
[72] FUGLEWICZ, DANIEL P., US  
[72] ANDERSON, PETER S., US  
[72] MARTIN, THOMAS J., JR., US  
[71] XRS CORPORATION, US  
[22] 2013-08-07  
[41] 2014-02-10  
[30] US (61/682,004) 2012-08-10  
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[13] A1

[51] **Int.Cl. G08G 1/127 (2006.01) H04W 4/04 (2009.01) H04W 84/18 (2009.01) G06Q 10/08 (2012.01) G06Q 50/30 (2012.01) G07C 5/08 (2006.01)**

[25] EN

[54] **COMMUNICATION TECHNIQUES FOR TRANSPORTATION ROUTE MODIFICATIONS**

[54] **TECHNIQUE DE COMMUNICATION POUR DES MODIFICATIONS D'ITINERAIRE DE TRANSPORT**

[72] MOHN, CHARLES, US  
[72] SEKULA, CHRISTOPHER A., CA  
[72] KAKUMANU, SARAT, US  
[72] TUTTLE, ODELL R., US  
[72] FUGLEWICZ, DANIEL P., US  
[72] ANDERSON, PETER S., US  
[72] MARTIN, THOMAS J., JR., US  
[71] XRS CORPORATION, US  
[22] 2013-08-07  
[41] 2014-02-10  
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[13] A1

[51] **Int.Cl. B65H 23/192 (2006.01) B41F 21/00 (2006.01) B41J 15/04 (2006.01) B41J 15/16 (2006.01) B65H 20/02 (2006.01) B65H 37/00 (2006.01)**

[25] EN

[54] **PAPER CONVEYING APPARATUS IN A PRINTING MACHINE**

[54] **APPAREIL DE TRANSPORT DE PAPIER DANS UNE MACHINE D'IMPRESSION**

[72] IZAWA, HIDEO, JP  
[72] SUGIYAMA, SEIKO, JP  
[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP

[22] 2013-08-01  
[41] 2014-02-09  
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[13] A1

[51] **Int.Cl. G08G 1/127 (2006.01) H04W 4/04 (2009.01) H04W 84/18 (2009.01) G06Q 10/08 (2012.01) G06Q 50/30 (2012.01) G07C 5/08 (2006.01)**

[25] EN

[54] **VEHICLE DATA AND DRIVER ASSOCIATION FOR TRANSPORTATION MANAGEMENT**

[54] **ASSOCIATION DE DONNEES DE VEHICULE ET DE CONDUCTEUR POUR GESTION DE TRANSPORT**

[72] MOHN, CHARLES, US  
[72] SEKULA, CHRISTOPHER A., CA  
[72] KAKUMANU, SARAT, US  
[72] TUTTLE, ODELL R., US  
[72] FUGLEWICZ, DANIEL P., US  
[72] ANDERSON, PETER S., US  
[72] MARTIN, THOMAS J., JR., US  
[71] XRS CORPORATION, US  
[22] 2013-08-07  
[41] 2014-02-10  
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[13] A1

[51] **Int.Cl. B01J 29/90 (2006.01) C10G 47/02 (2006.01)**

[25] FR

[54] **PASSIVATION PROCESS OF A ZEOLITIC CATALYST BY A NITROGENATED COMPOUND, SPECIFICALLY A HYDROCRACKING CATALYST**

[54] **PROCEDE DE PASSIVATION PAR UN COMPOSE AZOTE D'UN CATALYSEUR ZEOLITIQUE, EN PARTICULIER D'UN CATALYSEUR D'HYDROCRAQUAGE**

[72] DUFRESNE, PIERRE, FR  
[72] BREMAUD, MICKAEL, FR  
[72] GALLIOU, PAULINE, FR  
[72] KIRUMAKKI, SHARATH, US  
[71] EURECAT S.A., FR

[22] 2013-08-05  
[41] 2014-02-09  
[30] FR (12 02 215) 2012-08-09

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[21] **2,823,021**  
[13] A1

[51] **Int.Cl. G08G 1/127 (2006.01) H04W 4/02 (2009.01) H04W 84/18 (2009.01) G06Q 10/08 (2012.01) G06Q 50/30 (2012.01) B60W 40/10 (2012.01) G07C 5/08 (2006.01)**

[25] EN

[54] **TRANSPORTATION MANAGEMENT TECHNIQUES**

[54] **TECHNIQUES DE GESTION DE TRANSPORT**

[72] MOHN, CHARLES, US  
[72] SEKULA, CHRISTOPHER A., US  
[72] KAKUMANU, SARAT, US  
[72] TUTTLE, ODELL R., US  
[72] FUGLEWICZ, DANIEL P., US  
[72] ANDERSON, PETER S., US  
[72] MARTIN JR., THOMAS J., US  
[71] XRS CORPORATION, US  
[22] 2013-08-07  
[41] 2014-02-10  
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[13] A1

[51] **Int.Cl. E06B 9/08 (2006.01) E06B 9/58 (2006.01)**  
[25] EN  
[54] **ROLLER ASSEMBLY AND GUIDE FOR A RETRACTABLE SCREEN**  
[54] **ENSEMBLE ROULEAU ET GUIDE POUR ECRAN RETRACTABLE**  
[72] ROBERTS, ANTHONY GERARD, AU  
[71] FREEDOM SCREENS OF AUSTRALIA PTY LTD., AU  
[22] 2013-08-06  
[41] 2014-02-09  
[30] AU (2012211404) 2012-08-09  
[30] AU (2013206598) 2013-06-28

[21] **2,823,057**  
[13] A1

[51] **Int.Cl. G08G 1/123 (2006.01) H04W 8/20 (2009.01) H04W 88/08 (2009.01) G06Q 10/06 (2012.01) G06Q 50/30 (2012.01) G08G 1/09 (2006.01)**  
[25] EN  
[54] **NETWORK COMMUNICATIONS FOR TRANSPORTATION MANAGEMENT**  
[54] **COMMUNICATIONS DE RESEAU POUR LA GESTION DU TRANSPORT**  
[72] MOHN, CHARLES, US  
[72] SEKULA, CHRISTOPHER A., US  
[72] KAKUMANU, SARAT, US  
[72] TUTTLE, ODELL R., US  
[72] FUGLEWICZ, DANIEL P., US  
[72] ANDERSON, PETER S., US  
[72] MARTIN JR., THOMAS J., US  
[71] XRS CORPORATION, US  
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[41] 2014-02-10  
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[30] US (13/730,237) 2012-12-28

[21] **2,823,070**  
[13] A1

[51] **Int.Cl. G08G 1/123 (2006.01) H04W 4/02 (2009.01) G06Q 10/08 (2012.01) G06Q 50/30 (2012.01) G07C 5/08 (2006.01)**  
[25] EN  
[54] **REMOTE DISTRIBUTION OF SOFTWARE UPDATES IN A TRANSPORTATION MANAGEMENT NETWORK**  
[54] **DISTRIBUTION A DISTANCE DE MISES A JOUR DE LOGICIEL DANS UN RESEAU DE GESTION DE TRANSPORT**  
[72] MOHN, CHARLES, US  
[72] SEKULA, CHRISTOPHER A., US  
[72] KAKUMANU, SARAT, US  
[72] TUTTLE, ODELL R., US  
[72] FUGLEWICZ, DANIEL P., US  
[72] MARTIN JR., THOMAS J., US  
[72] ANDERSON, PETER S., US  
[71] XRS CORPORATION, US  
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[21] **2,823,073**  
[13] A1

[51] **Int.Cl. G07C 5/08 (2006.01) H04W 4/02 (2009.01) G06Q 50/30 (2012.01) G08G 1/123 (2006.01) G08G 1/137 (2006.01)**  
[25] EN  
[54] **REMOTE TRANSPORTATION MANAGEMENT**  
[54] **GESTION DE TRANSPORT A DISTANCE**  
[72] MOHN, CHARLES, US  
[72] SEKULA, CHRISTOPHER A., US  
[72] KAKUMANU, SARAT, US  
[72] TUTTLE, ODELL R., US  
[72] FUGLEWICZ, DANIEL P., US  
[72] ANDERSON, PETER S., US  
[72] MARTIN JR., THOMAS J., US  
[71] XRS CORPORATION, US  
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[30] US (13/730,206) 2012-12-28

[21] **2,823,076**  
[13] A1

[51] **Int.Cl. G08G 1/123 (2006.01) G06Q 10/08 (2012.01) G06Q 50/30 (2012.01) B60W 40/08 (2012.01) B60W 40/10 (2012.01) G07C 5/08 (2006.01)**  
[25] EN  
[54] **VEHICLE DRIVER EVALUATION TECHNIQUES**  
[54] **TECHNIQUES D'EVALUATION DES CONDUCTEURS DE VEHICULE**  
[72] MOHN, CHARLES, US  
[72] KAKUMANU, SARAT, US  
[72] SEKULA, CHRISTOPHER A., US  
[72] TUTTLE, ODELL R., US  
[72] FUGLEWICZ, DANIEL P., US  
[72] ANDERSON, PETER S., US  
[72] MARTIN, THOMAS J., JR., US  
[71] XRS CORPORATION, US  
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[30] US (13/730,264) 2012-12-28

[21] **2,823,078**  
[13] A1

[51] **Int.Cl. G07C 5/00 (2006.01) G08C 17/02 (2006.01) G06Q 50/30 (2012.01)**  
[25] EN  
[54] **VEHICLE DATA ACQUISITION FOR TRANSPORTATION MANAGEMENT**  
[54] **ACQUISITION DE DONNEES DE VEHICULE POUR LA GESTION DU TRANSPORT**  
[72] MOHN, CHARLES, US  
[72] SEKULA, CHRISTOPHER A., CA  
[72] KAKUMANU, SARAT, US  
[72] TUTTLE, ODELL R., US  
[72] FUGLEWICZ, DANIEL P., US  
[72] ANDERSON, PETER S., US  
[72] MARTIN, THOMAS J., JR., US  
[71] XRS CORPORATION, US  
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[41] 2014-02-10  
[30] US (61/682,004) 2012-08-10  
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[13] A1

[51] **Int.Cl. A61G 17/04 (2006.01) A61G 17/00 (2006.01)**

[25] EN

[54] **APPARATUS FOR ATTACHING PERSONAL ITEM TO CASKET FOR DISPLAY AS CASKET ORNAMENT**

[54] **APPAREIL PERMETTANT DE FIXER UN ELEMENT PERSONNEL A UN CERCUEIL A DES FINS D'EXPOSITION EN TANT QU'ORNEMENT DE CERCUEIL**

[72] BOVARD, CHRISTOPHER C., US

[72] MALCOMB, CHARLES A., US

[72] MEISER, DANIEL G., US

[72] ROJDEV, ILIJA, US

[72] HOLZMAN, PAUL, US

[72] WESSEL, CHRISTOPHER M., US

[71] BATESVILLE SERVICES, INC., US

[22] 2013-08-08

[41] 2014-02-09

[30] US (61/681,488) 2012-08-09

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[21] **2,823,111**  
[13] A1

[51] **Int.Cl. B60D 1/01 (2006.01) B60D 1/58 (2006.01)**

[25] EN

[54] **FIFTH WHEEL**

[54] **SELLETTE D'ATTELAGE**

[72] STRUTT, ACHIM, DE

[71] JOST-WERKE GMBH, DE

[22] 2013-08-08

[41] 2014-02-14

[30] DE (10 2012 214 413.7) 2012-08-14

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[13] A1

[51] **Int.Cl. B03B 9/02 (2006.01) B09C 1/08 (2006.01)**

[25] EN

[54] **HYDROCARBON RECLAMATION METHOD AND ASSEMBLY**

[54] **PROCEDE ET ENSEMBLE DE REGENERATION D'HYDROCARBURES**

[72] STEVENSON, GARY L., US

[71] PROVEN TECHNOLOGIES, LLC (A NEVADA LLC), US

[22] 2013-08-09

[41] 2014-02-09

[30] US (61/681,381) 2012-08-09

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[21] **2,823,199**  
[13] A1

[51] **Int.Cl. A01D 75/00 (2006.01) A01D 34/00 (2006.01)**

[25] EN

[54] **HEADER HEIGHT CONTROL SYSTEM**

[54] **SYSTEME DE COMMANDE DE HAUTEUR DE TETE DE MOISSONNEUSE**

[72] BOLLIN, DOUGLAS J., DE

[72] BOLLIN, SEAN, US

[72] WILTSE, DANIEL L., US

[71] DEERE & COMPANY, US

[22] 2013-08-09

[41] 2014-02-11

[30] US (13/572,630) 2012-08-11

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[21] **2,823,200**  
[13] A1

[51] **Int.Cl. F21V 21/00 (2006.01) F16M 13/02 (2006.01) F21V 21/08 (2006.01) F21V 21/14 (2006.01)**

[25] EN

[54] **TREE MOUNT BRACKET**

[54] **SUPPORT DE FIXATION POUR ARBRE**

[72] COLARUSSO, PHILIP A., US

[71] COLARUSSO, PHILIP A., US

[22] 2013-08-09

[41] 2014-02-09

[30] US (61/681,185) 2012-08-09

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[21] **2,823,299**  
[13] A1

[51] **Int.Cl. H02B 11/02 (2006.01) H01H 77/00 (2006.01)**

[25] EN

[54] **VACUUM INTERRUPTER AND LINEAR DISCONNECT SWITCH**

[54] **TUBE COMMUTEUR A VIDE ET DISJONCTEUR LINEAIRE**

[72] BULLOCK, SCOTT A., US

[72] RAINES, GARRY F., US

[71] ELECTRO-MECHANICAL CORPORATION, US

[22] 2013-08-12

[41] 2014-02-13

[30] US (61/682,489) 2012-08-13

[30] US (13/833,512) 2013-03-15

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[21] **2,823,201**  
[13] A1

[51] **Int.Cl. F03D 9/02 (2006.01) F03D 7/00 (2006.01) H02K 7/18 (2006.01) H02P 9/04 (2006.01)**

[25] EN

[54] **WIND POWER GENERATION SYSTEM, WIND POWER GENERATION CONTROL DEVICE AND WIND POWER GENERATION CONTROL METHOD**

[54] **SYSTEME DE GENERATION D'ENERGIE EOLIENNE ET DISPOSITIF ET PROCEDE DE COMMANDE DE GENERATION D'ENERGIE EOLIENNE**

[72] HOSHIHIRA, YUGO, JP

[72] HOSHINO, NAOKI, JP

[72] TAKAHASHI, MASAYA, JP

[72] KONDOU, SHINICHI, JP

[72] KUSUNO, NOBUHIRO, JP

[71] HITACHI POWER SOLUTIONS CO., LTD., JP

[22] 2013-08-08

[41] 2014-02-10

[30] JP (2012-177788) 2012-08-10

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[13] A1

[51] **Int.Cl. F03D 11/00 (2006.01) E04G 3/24 (2006.01)**

[25] EN

[54] **WIND TURBINE**

[54] **EOLIENNE**

[72] MUNK-HANSEN, THORKIL, DK

[71] SIEMENS AKTIENGESSELLSCHAFT, DE

[22] 2013-08-12

[41] 2014-02-14

[30] EP (12180429.8) 2012-08-14

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[21] **2,823,299**  
[13] A1

[51] **Int.Cl. H02B 11/02 (2006.01) H01H 77/00 (2006.01)**

[25] EN

[54] **VACUUM INTERRUPTER AND LINEAR DISCONNECT SWITCH**

[54] **TUBE COMMUTEUR A VIDE ET DISJONCTEUR LINEAIRE**

[72] BULLOCK, SCOTT A., US

[72] RAINES, GARRY F., US

[71] ELECTRO-MECHANICAL CORPORATION, US

[22] 2013-08-12

[41] 2014-02-13

[30] US (61/682,489) 2012-08-13

[30] US (13/833,512) 2013-03-15

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[13] A1

[51] **Int.Cl. F24H 3/04 (2006.01) F24F 13/02 (2006.01) F24H 9/12 (2006.01)**  
[25] EN  
[54] **HEATING VENT CONDUIT**  
[54] **CONDUIT DE VENTILATION DE CHALEUR**  
[72] MICHAUD, BERTRAND, CA  
[72] BERNIER, PIERRE-MARC, CA  
[72] VEZINA, CHRISTIAN, CA  
[72] SENAY, BERNARD, CA  
[72] LALIBERTE, REMI, CA  
[72] HUOT, DAVID ROBERT, CA  
[71] STELPRO DESIGN INC., CA  
[22] 2013-08-12  
[41] 2014-02-10  
[30] US (61/682,010) 2012-08-10

[21] **2,823,323**  
[13] A1

[51] **Int.Cl. B65G 47/00 (2006.01)**  
[25] EN  
[54] **ADJUSTABLE CONVEYOR GUIDE**  
[54] **GUIDAGE AJUSTABLE POUR CONVOYEUR**  
[72] SPENCE, IAN STEVEN, GB  
[71] ZEPF TECHNOLOGIES UK LIMITED, GB  
[22] 2013-08-12  
[41] 2014-02-13  
[30] GB (1214431.7) 2012-08-13

[21] **2,823,345**  
[13] A1

[51] **Int.Cl. A61M 5/175 (2006.01) A61M 5/142 (2006.01) A61M 5/168 (2006.01)**  
[25] EN  
[54] **PUMP ENGINE WITH METERING SYSTEM FOR DISPENSING LIQUID MEDICATION**  
[54] **MOTEUR DE POMPE AVEC SYSTEME DE DOSAGE POUR L'ADMINISTRATION D'UN MEDICAMENT LIQUIDE**  
[72] SEARLE, GARY, US  
[72] TUNKEL, ROMAN, US  
[72] TORMEY, WILLIAM E., III, US  
[72] LEONCZYK, ANDREW P., US  
[72] POLLOCK, DAVID P., US  
[72] NAUMANN, PAUL, US  
[72] FOCHT, KENNETH, US  
[71] BECTON, DICKINSON AND COMPANY, US  
[22] 2013-08-12  
[41] 2014-02-15  
[30] US (61/683,488) 2012-08-15

[21] **2,823,364**  
[13] A1

[51] **Int.Cl. G01V 1/02 (2006.01)**  
[25] EN  
[54] **ADAPTIVE SWEEP METHOD AND DEVICE FOR SEISMIC EXPLORATION**  
[54] **PROCEDE DE BALAYAGE ADAPTATIF ET DISPOSITIF D'EXPLORATION SISMIQUE**  
[72] TEYSSANDIER, BENOIT, FR  
[72] DOWLE, ROBERT, FR  
[72] RUET, LAURENT, FR  
[72] SALLAS, JOHN, FR  
[71] CGG SERVICES SA, FR  
[22] 2013-08-08  
[41] 2014-02-09  
[30] US (61/681,196) 2012-08-09

[21] **2,823,375**  
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01)**  
[25] EN  
[54] **BRANCH CIRCUIT MONITOR**  
[54] **SYSTEME DE CONTROLE DE CIRCUIT DE DERIVATION**  
[72] SYKORA, MONTGOMERY J., US  
[72] JANOVY, DANIEL L., US  
[72] JANOVY, DAVID L., US  
[72] BRICK, TODD A., US  
[71] PRECISION AIR & ENERGY SERVICES, LLC, US  
[22] 2013-08-09  
[41] 2014-02-09  
[30] US (61/681,406) 2012-08-09  
[30] US (61/681,527) 2012-08-09  
[30] US (13/962,937) 2013-08-08

[21] **2,823,394**  
[13] A1

[51] **Int.Cl. B62D 25/18 (2006.01) B60R 19/00 (2006.01)**  
[25] EN  
[54] **RETRACTABLE VEHICLE MUD FLAP**  
[54] **GARDE-BOUE DE VEHICULE RETRACTABLE**  
[72] FLAMAN, PETER J., CA  
[71] FLAMAN, PETER J., CA  
[22] 2013-08-07  
[41] 2014-02-10  
[30] US (61/681,892) 2012-08-10

[21] **2,823,395**  
[13] A1

[51] **Int.Cl. A63H 33/00 (2006.01) A01K 29/00 (2006.01)**  
[25] EN  
[54] **AMUSEMENT TOY**  
[54] **JOUET D'AMUSEMENT**  
[72] OBLACK, MARK J., US  
[72] THINNES, MARK D., US  
[71] CANINE HARDWARE, INC., US  
[22] 2013-08-09  
[41] 2014-02-09  
[30] US (61/681,262) 2012-08-09  
[30] US (61/682,695) 2012-08-13

[21] **2,823,411**  
[13] A1

[51] **Int.Cl. E06B 1/68 (2006.01)**  
[25] EN  
[54] **PREFABRICATED FLASHING PRODUCT**  
[54] **SOLIN PREFABRIQUE**  
[72] NORWOOD, STEVEN A., US  
[72] OSTERHOFF, ADAM, US  
[71] NORWOOD ARCHITECTURE, INC., US  
[22] 2013-08-09  
[41] 2014-02-10  
[30] US (13/572,274) 2012-08-10

[21] **2,823,412**  
[13] A1

[51] **Int.Cl. A01K 29/00 (2006.01)**  
[25] EN  
[54] **ROLLING PET TOY**  
[54] **JOUET ROULANT POUR ANIMAUX DE COMPAGNIE**  
[72] OBLACK, MARK J., US  
[72] BURGER, KYLE D., US  
[71] CANINE HARDWARE, INC., US  
[22] 2013-08-09  
[41] 2014-02-09  
[30] US (61/681,250) 2012-08-09

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[25] EN  
[54] **IMPROVED SCENT PAD AND MECHANISM FOR HOUSING THE SAME**  
[54] **TAMPON ODORANT AMELIORE ET MECANISME DE LOGEMENT DE CELUI-CI**  
[72] TALBOT, JANET, US  
[72] PETERSON, LARA, US  
[71] KAZ EUROPE SA, CH  
[22] 2013-08-09  
[41] 2014-02-10  
[30] US (13/572,418) 2012-08-10

[21] **2,823,445**  
[13] A1

[51] **Int.Cl. A63C 11/00 (2006.01) B61B 11/00 (2006.01)**  
[25] EN  
[54] **SUPPORT ASSEMBLY AND METHOD FOR SUPPORTING A RECREATIONAL PRODUCT**  
[54] **ENSEMBLE SUPPORT ET PROCEDE POUR SUPPORTER UN PRODUIT RECREATIF**  
[72] FRENCH, ALEXANDER JAMES, US  
[72] HEALY, ANDREW FRANK, US  
[71] LIFE, LLC, US  
[22] 2013-08-09  
[41] 2014-02-15  
[30] US (61/683,293) 2012-08-15

[21] **2,823,452**  
[13] A1

[51] **Int.Cl. A01D 57/20 (2006.01)**  
[25] EN  
[54] **A DRAPER HEADER WITH PIVOTING SIDE DRAPER CONVEYORS**  
[54] **MOISSONNEUSE A TABLIERS DOTEE DE CONVOYEURS A TOILE LATERAUX PIVOTANTS**  
[72] LOVETT, BENJAMIN M., US  
[72] COON, STEVE A., US  
[72] ANDERSON, SHANE, US  
[71] DEERE & COMPANY, US  
[22] 2013-08-08  
[41] 2014-02-09  
[30] US (13/570,944) 2012-08-09

[21] **2,823,418**  
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[51] **Int.Cl. A01G 9/00 (2006.01)**  
[25] EN  
[54] **A STRUCTURE FOR GROWING PLANTS AND A METHOD OF CREATING THE STRUCTURE**  
[54] **STRUCTURE POUR LA CROISSANCE DE PLANTES ET PROCEDE DE CREATION DE LA STRUCTURE**  
[72] FRITON, BENJAMIN FRANZ, US  
[71] FRITON, BENJAMIN FRANZ, US  
[22] 2013-08-12  
[41] 2014-02-13  
[30] US (13/584,817) 2012-08-13

[21] **2,823,448**  
[13] A1

[51] **Int.Cl. H04W 72/02 (2009.01) H04W 28/04 (2009.01)**  
[25] EN  
[54] **METHOD AND APPARATUS IN MOBILE TELECOMMUNICATIONS SYSTEM USER EQUIPMENT**  
[54] **PROCEDE ET APPAREIL LIES A UN EQUIPEMENT D'UTILISATEUR DE SYSTEME DE TELECOMMUNICATION MOBILE**  
[72] PARR, SIMON, GB  
[71] BLACKBERRY LIMITED, CA  
[22] 2013-08-07  
[41] 2014-02-09  
[30] EP (12179932.4) 2012-08-09

[21] **2,823,478**  
[13] A1

[51] **Int.Cl. B66F 3/10 (2006.01) F16B 7/10 (2006.01) F16M 11/26 (2006.01)**  
[25] EN  
[54] **LENGTH-ADJUSTABLE TELESCOPIC TUBE, SUPPORT JACK AND ASSEMBLY PROCESS**  
[54] **TUBE TELESCOPIQUE A LONGUEUR AJUSTABLE, BEQUILLE ET METHODE D'ASSEMBLAGE**  
[72] SEIDEL, GUNTER, DE  
[71] JOST-WERKE GMBH, DE  
[22] 2013-08-08  
[41] 2014-02-15  
[30] DE (10 2012 214 514.1) 2012-08-15

[21] **2,823,430**  
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[51] **Int.Cl. B60J 11/06 (2006.01)**  
[25] EN  
[54] **TONNEAU COVER LATCH SYSTEM**  
[54] **SYSTEME DE VERROUILLAGE DE COUVERCLE DE COUVRE-CAISSE**  
[72] SPENCER, MICHAEL R., US  
[71] TRUXEDO, INC., US  
[22] 2013-08-09  
[41] 2014-02-10  
[30] US (61/681,845) 2012-08-10  
[30] US (13/962,091) 2013-08-08

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[13] A1

[51] **Int.Cl. H04W 80/02 (2009.01) H04W 28/12 (2009.01) H04W 72/12 (2009.01)**  
[25] EN  
[54] **TD LTE SECONDARY COMPONENT CARRIER IN UNLICENSED BANDS**  
[54] **PORTEUSE COMPOSANTE SECONDAIRE TD-LTE DANS DES BANDES SANS LICENCE**  
[72] BONTU, CHANDRA SEKHAR, CA  
[72] PERIYALWAR, SHALINI SURESH, CA  
[71] BLACKBERRY LIMITED, CA  
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[13] A1

[51] **Int.Cl. G01F 11/26 (2006.01) E04D 1/22 (2006.01)**  
[25] EN  
[54] **HIGH SPEED GRANULE DELIVERY SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE GRANULES HAUTE VITESSE**  
[72] SVEC, JAMES A., US  
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US  
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- [25] EN
- [54] **WARPED-FLOOR TOLERANT AIRCRAFT SEAT**
- [54] **SIEGE D'AERONEF TOLERANT UN PLANCHER GAUCHI**
- [72] DAY, MARTIN S., US
- [72] PACHECO, CHAD R., US
- [72] PINKAL, DONALD R., US
- [71] AMI INDUSTRIES, INC., US
- [22] 2013-08-09
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- [30] US (13/571,084) 2012-08-09

[21] **2,823,638**  
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- [51] **Int.Cl. C12N 15/12 (2006.01) A01K 67/00 (2006.01) C07H 21/04 (2006.01) C12Q 1/68 (2006.01) C40B 30/00 (2006.01) C40B 40/06 (2006.01)**
- [25] EN
- [54] **SINGLE NUCLEOTIDE POLYMORPHISMS ASSOCIATED WITH BULL FERTILITY**
- [54] **POLYMORPHISMES DE NUCLEOTIDE SIMPLE ASSOCIES A LA FERTILITE DES TAUREAUX**
- [72] KHATIB, HASAN, US
- [71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
- [22] 2013-08-09
- [41] 2014-02-09
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- [51] **Int.Cl. E06B 7/16 (2006.01)**
- [25] EN
- [54] **AIR AND DEBRIS DAM FOR MOVING COIL BALANCE ASSEMBLY**
- [54] **BARRAGE D'AIR ET DE DEBRIS POUR ENSEMBLE D'EQUILIBRAGE DE CADRE MOBILE**
- [72] SOFIANEK, JAY, US
- [72] KELLUM, WILBUR JAMES, III, US
- [72] KESSLER, JOHN, US
- [71] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
- [22] 2013-08-09
- [41] 2014-02-10
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- [51] **Int.Cl. B08B 1/04 (2006.01) B08B 3/04 (2006.01)**
- [25] EN
- [54] **CLEANING APPARATUS**
- [54] **APPAREIL DE NETTOYAGE**
- [72] FAIRHALL, ANDREW JOHN, NZ
- [71] FAIRHALL HOLDINGS (2005) LTD., NZ
- [22] 2013-08-09
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[21] **2,823,726**  
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- [25] EN
- [54] **HIGH OUTPUT, RADIAL ENGINE-POWERED, ROAD-TRANSPORTABLE APPARATUS USED IN ON-SITE OIL AND GAS OPERATIONS**
- [54] **APPAREIL DE TRANSPORT PAR LA ROUTE, A MOTEUR RADIAL ET PUISSANCE ELEVEE UTILISE DANS LES OPERATIONS PETROLIERES ET GAZIERES SUR PLACE**
- [72] ANDREYCHUK, MARK, CA
- [71] ANDREYCHUK, MARK, CA
- [22] 2013-08-15
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[21] **2,823,745**  
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- [51] **Int.Cl. G06F 21/34 (2013.01) G06F 21/32 (2013.01)**
- [25] EN
- [54] **USER AUTHENTICATION DEVICE HAVING MULTIPLE ISOLATED HOST INTERFACES**
- [54] **DISPOSITIF D'AUTHENTIFICATION D'UTILISATEUR COMPTANT DE MULTIPLES INTERFACES HOTES ISOLEES**
- [72] SOFFER, AVIV, IL
- [72] VAISBAND, OLEG, IL
- [71] HIGH SEC LABS LTD., IL
- [22] 2013-08-15
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[21] **2,823,746**  
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- [25] EN
- [54] **INTERACTIVE OVERLAY FOR VIDEO APPLICATIONS**
- [54] **SUPERPOSITION INTERACTIVE POUR APPLICATIONS VIDEO**
- [72] REDENSHEK, TODD, US
- [72] LAWRENCE, VICKY, US
- [71] GAMER PARENTS INC., US
- [22] 2013-08-12
- [41] 2014-02-10
- [30] US (61/681,801) 2012-08-10
- [30] US (13/963,595) 2013-08-09

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[13] A1

- [51] **Int.Cl. F24F 13/02 (2006.01) F24F 13/06 (2006.01)**
- [25] EN
- [54] **FLEXIBLE REGISTER BOOT FOR HEATED AND COOLED AIR**
- [54] **BOTTE DE REGISTRE FLEXIBLE POUR AIR CHAUFFE ET REFROIDI**
- [72] JEFFERSON, ALVIN L., US
- [72] BUTELLA, BRANDEN, US
- [72] AGEE, DAVID, US
- [71] DUCTMATE INDUSTRIES, INC., US
- [22] 2013-08-14
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- [30] US (61/682,856) 2012-08-14
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[13] A1

- [51] **Int.Cl. F24F 13/02 (2006.01)**
- [25] EN
- [54] **RESIDENTIAL DUCTWORK SYSTEM**
- [54] **SYSTEME DE GAINES RESIDENTIELLES**
- [72] GUDENBURR, DOUGLAS G., US
- [72] JEFFERSON, ALVIN L., US
- [72] BUTELLA, BRANDEN, US
- [72] AGEE, DAVID, US
- [72] OVERDORFF, DAVID E., II, US
- [72] FETKO, DUANE, US
- [71] DUCTMATE INDUSTRIES, INC., US
- [22] 2013-08-14
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- [30] US (61/682,856) 2012-08-14
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[54] **CREMATION URN WITH DECORATIVE APPLIQUE APPLIED THERETO**  
[54] **URNE DE CREMATION AVEC APPLICATIONS DECORATIVES APPLIQUEES SUR CELLE-CI**  
[72] REYNOLDS, KRISTINE ANN, US  
[71] BATESVILLE SERVICES, INC., US  
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[30] US (61/683,525) 2012-08-15  
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[51] **Int.Cl. A01K 15/02 (2006.01) A63H 33/00 (2006.01)**  
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[54] **PET TOY HAVING HEMISPHERICAL ENDS**  
[54] **JOUET POUR ANIMAUX DE COMPAGNIE PRESENTANT DES EXTREMITES HEMISPHERIQUES**  
[72] OBLACK, MARK J., US  
[72] BURGER, KYLE D., US  
[71] CANINE HARDWARE, INC., US  
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[13] A1

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[54] **RECTANGULAR SHEET METAL SEALED DUCT**  
[54] **CONDUITE SCHELLEE EN TOLE RECTANGULAIRE**  
[72] GUDENBURR, DOUGLAS G., US  
[72] JEFFERSON, ALVIN L., US  
[72] OVERDORFF, DAVID E., II, US  
[71] DUCTMATE INDUSTRIES, INC., US  
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[13] A1

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[25] EN  
[54] **HIGH EFFICIENCY TAKE-OFF FITTING**  
[54] **ACCESSOIRE D'EXTRACTION HAUTE EFFICACITE**  
[72] JEFFERSON, ALVIN L., US  
[72] OVERDORFF DAVID E., II, US  
[72] FETKO, DUANE, US  
[72] BUTELLA, BRANDEN, US  
[72] AGEE, DAVID, US  
[71] DUCTMATE INDUSTRIES, INC., US  
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[54] **TARGETED CONTENT STREAMING BANNERS**  
[54] **BANNIERES DE TRANSMISSION EN CONTINU DE CONTENU CIBLE**  
[72] RADAR, OLIVIER JACQUES ALEXANDRE, CA  
[71] BLACKBERRY LIMITED, CA  
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[30] EP (12180346.4) 2012-08-13

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[13] A1

[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **CONTACTS AFFINITY USED TO PRIORITIZE DISPLAY OF CONTENT ITEM REVIEWS IN ONLINE STORE**  
[54] **AFFINITE DE CONTACTS UTILISEE POUR ETABLIR LES PRIORITES DANS L'AFFICHAGE DES EXAMENS D'ARTICLES DE CONTENU DANS UN MAGASIN EN LIGNE**  
[72] PROUDFOOT, RYAN BROCK, CA  
[71] BLACKBERRY LIMITED, CA  
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[25] EN  
[54] **VOICE SEARCH AND RESPONSE BASED ON RELEVANCY**  
[54] **RECHERCHE ET REPONSE VOCALE FONDEE SUR LA PERTINENCE**  
[72] BECKFORD, IAN O'NEAL, US  
[72] GUHL, MICHAEL L., US  
[72] HAIDRI, ANEES, US  
[72] SCHOLZ, KEVIN JAMES, US  
[72] STERK, PAUL, US  
[71] HOMER TLC, INC., US  
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[21] **2,823,871**  
[13] A1

[51] **Int.Cl. C02F 1/06 (2006.01) C02F 1/02 (2006.01) C02F 1/04 (2006.01) C02F 1/38 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR TREATMENT OF WASTE WATER**  
[54] **PROCEDE ET SYSTEME POUR LE TRAITEMENT DES EAUX USEES**  
[72] CLEGG, BENJAMIN, US  
[71] TRILICON, LLC, US  
[22] 2013-08-15  
[41] 2014-02-15  
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[13] A1

[51] **Int.Cl. H02J 15/00 (2006.01) H01M 2/10 (2006.01) H02J 7/00 (2006.01) H02J 13/00 (2006.01) H02M 1/00 (2007.10)**  
[25] EN  
[54] **MODULAR SHARE PACK BATTERY**  
[54] **BATTERIE A BLOC DE PARTAGE MODULAIRE**  
[72] CARKNER, STEVE, CA  
[72] DONAIS, LEN, CA  
[72] LANOUE, ERIC, CA  
[71] PANACIS INC., CA  
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[13] A1

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[25] EN  
[54] **GAME CALL EXTENDER  
APPARATUS**  
[54] **PROLONGATEUR DE CORNE DE  
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[72] JACKSON, DAVID LYNN, US  
[71] WILDGAME INNOVATIONS, LLC,  
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[13] A1

[51] **Int.Cl. G01F 23/26 (2006.01)**  
[25] EN  
[54] **SENSOR PROBE**  
[54] **SONDE**  
[72] HARPER, GREGORY C., CA  
[71] WESTPORT POWER INC., CA  
[22] 2013-11-28  
[41] 2014-02-11

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[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) E21B  
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[25] EN  
[54] **METHOD FOR PRODUCING OIL  
FROM INDUCED FRACTURES  
USING A SINGLE WELLBORE  
AND MULTIPLE -CHANNEL  
TUBING**  
[54] **PROCEDE DE PRODUCTION DE  
PETROLE A PARTIR DE  
FRACTURES INDUITES EN  
UTILISANT UN SEUL Puits ET  
UNE COLONNE DE PRODUCTION  
A CANAUX MULTIPLES**  
[72] AYASSE, CONRAD, CA  
[71] IOR CANADA LTD., CA  
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[51] **Int.Cl. A01G 9/14 (2006.01) A01G  
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[25] EN  
[54] **A CONTROLLED ENVIRONMENT  
ENCLOSURE WITH BUILT-IN  
STERILIZATION/PASTEURIZATI  
ON FUNCTIONALITY**  
[54] **ENCEINTE A ENVIRONNEMENT  
CONTROLE AVEC  
FONCTIONNALITE DE  
STERILISATION ET DE  
PASTEURISATION INTEGREE**  
[72] PAULS, ROB, CA  
[72] THEROUX, MARC, CA  
[72] KETTNER, BRUCE, CA  
[71] BIOCHAMBERS INCORPORATED,  
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[22] 2013-11-28  
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[51] **Int.Cl. F24C 15/02 (2006.01) A61H  
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[25] EN  
[54] **ULTIMATE MICROWAVE OVENS  
AND OTHERS**  
[54] **ULTIMATE MICROWAVE OVENS  
(FOURS A MICRO-ONDES  
ULTIMES) ET AUTRES**  
[72] WU, WEIMIN, CA  
[71] WU, WEIMIN, CA  
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[51] <b>Int.Cl. A61B 5/0205 (2006.01)</b> [25] EN [54] <b>SPACIAL AND TEMPORAL VECTOR ANALYSIS IN WEARABLE DEVICES USING SENSOR DATA</b>	[51] <b>Int.Cl. C07D 491/052 (2006.01) A61K 31/4184 (2006.01) A61P 31/14 (2006.01)</b> [25] EN [54] <b>ANTIVIRAL COMPOUNDS COMPOSES ANTIVIRAUX</b>	[51] <b>Int.Cl. B62D 5/22 (2006.01) B62D 5/06 (2006.01) B62D 5/12 (2006.01) B62D 15/02 (2006.01) B62D 65/02 (2006.01)</b> [25] EN [54] <b>A STEERING SYSTEM ARRANGEMENT WITH RELEASABLE CONNECTION MEANS</b>
[54] <b>ANALYSE VECTORIELLE SPATIALE ET TEMPORELLE DANS DES DISPOSITIFS APTES A ETRE PORTES UTILISANT DES DONNEES DE CAPTEUR</b>	[72] BACON, ELIZABETH M., US [72] COTTELL, JEROMY J., US [72] KATANA, ASHLEY ANNE, US [72] KATO, DARRYL, US [72] KRYGOWSKI, EVAN S., US [72] LINK, JOHN O., US [72] TAYLOR, JAMES, US [72] TRAN, CHINH VIET, US [72] TREJO MARTIN, TERESA ALEJANDRA, US [72] YANG, ZHENG-YU, US [72] ZIPFEL, SHEILA, US [71] GILEAD SCIENCES, INC., US [85] 2013-05-13 [86] 2012-11-16 (PCT/US2012/065681) [87] (WO2013/075029) [30] US (61/560,654) 2011-11-16	[54] <b>AGENCEMENT DE SYSTEME DE DIRECTION COMPORTANT DES MOYENS DE LIAISON LIBERABLES</b>
[72] RAHMAN, HOSAIN SADEQR, US [72] DRYSDALE, RICHARD LEE, US [72] LUNA, MICHAEL EDWARD SMITH, US [72] FULLAM, SCOTT, US [72] BOGARD, TRAVIS AUSTIN, US [72] ROBISON, JEREMIAH, US [72] DONALDSON, THOMAS ALAN, GB [72] UTTER II, MAX EVERETT, US [71] ALIPHCOM, US [85] 2013-03-07 [86] 2012-06-11 (PCT/US2012/041959) [87] (WO2012/171033) [30] US (13/158,372) 2011-06-10 [30] US (61/495,994) 2011-06-11 [30] US (61/495,997) 2011-06-11 [30] US (61/495,996) 2011-06-11 [30] US (61/495,995) 2011-06-11 [30] US (13/158,416) 2011-06-11 [30] US (13/180,000) 2011-07-11 [30] US (13/180,320) 2011-07-11 [30] US (61/572,206) 2011-07-12 [30] US (61/572,204) 2011-07-12 [30] US (13/492,776) 2012-06-08	[72] TRAN, CHINH VIET, US [72] TREJO MARTIN, TERESA ALEJANDRA, US [72] YANG, ZHENG-YU, US [72] ZIPFEL, SHEILA, US [71] GILEAD SCIENCES, INC., US [85] 2013-05-13 [86] 2012-11-16 (PCT/US2012/065681) [87] (WO2013/075029) [30] US (61/560,654) 2011-11-16	[72] IADANOLA, MARIO, AU [71] SCALID PTY LTD, AU [85] 2013-12-30 [86] 2012-07-02 (PCT/AU2012/000796) [87] (WO2013/003896) [30] AU (2011902628) 2011-07-01
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	[51] <b>Int.Cl. H04W 16/22 (2009.01)</b> [25] EN [54] <b>AN IMPROVED SYSTEM AND METHOD FOR WIRELESS POSITIONING IN WIRELESS NETWORK-ENABLED ENVIRONMENTS</b>	[51] <b>Int.Cl. B22C 9/10 (2006.01)</b> [25] EN [54] <b>MAIN BODY CORE SET ASSEMBLY AND CORE BOX FOR A COUPLER BODY</b>
	[54] <b>SYSTEME ET PROCEDE AMELIORES DE POSITIONNEMENT SANS FIL DANS DES ENVIRONNEMENTS APTES A LA MISE EN ŒUVRE DE RESEAUX SANS FIL</b>	[54] <b>ENSEMBLE JEUX DE NOYAUX DE CORPS PRINCIPAL ET BOITE A NOYAUX POUR UN CORPS D'ATTELAGE</b>
	[72] ATIA, MOHAMED, CA [72] NOURELDIN, ABOELMAGD, CA [71] TRUSTED POSITIONING INC., CA [85] 2013-12-20 [86] 2012-06-29 (PCT/CA2012/000633) [87] (WO2013/000073) [30] US (61/503,119) 2011-06-30	[72] NIBOUAR, F. ANDREW, US [72] SMERECKY, JERRY, R., US [72] BROOKS, NOLAND, US [72] SALAMASICK, NICK, US [71] BEDLOE INDUSTRIES LLC, US [85] 2013-12-30 [86] 2012-12-17 (PCT/US2012/070140) [87] (WO2013/101525) [30] US (13/337,558) 2011-12-27

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[25] EN  
[54] **METHOD AND SYSTEM FOR MANUFACTURING RAILCAR COUPLERS**  
[54] **PROCEDE ET SYSTEME DE FABRICATION D'ATTELAGES DE VEHICULES DE CHEMIN DE FER**  
[72] NIBOUAR, F. ANDREW, US  
[72] SMERECKY, JERRY R., US  
[72] DAY, KELLY S., US  
[72] SALAMASICK, NICK, US  
[71] BEDLOE INDUSTRIES LLC, US  
[85] 2013-12-30  
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[25] EN  
[54] **METHOD AND SYSTEM FOR MANUFACTURING RAILCAR COUPLER LOCKS**  
[54] **PROCEDE ET SYSTEME DE FABRICATION DE VERROUS D'ATTELAGES DE VEHICULES DE CHEMIN DE FER**  
[72] NIBOUAR, F. ANDREW, US  
[72] SMERECKY, JERRY R., US  
[72] DAY, KELLY S., US  
[72] SALAMASICK, NICK, US  
[71] BEDLOE INDUSTRIES LLC, US  
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[54] **WALL-MOUNTED DEVICES, SYSTEMS, AND METHODS FOR SELECTIVELY POSITIONING OBJECTS**  
[54] **DISPOSITIFS MONTES SUR UNE PAROI, SYSTEMES ET PROCEDES POUR POSITIONNER DE FACON SELECTIVE DES OBJETS**  
[72] GOSLING, GEOFF, CA  
[72] SMED, MOGENS, CA  
[71] DIRTT ENVIRONMENTAL SOLUTIONS INC., CA  
[85] 2013-12-30  
[86] 2013-06-10 (PCT/US2013/045024)  
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[25] EN  
[54] **SYSTEM AND METHOD FOR MODULAR ON-DEMAND AUDIO PROCESSING, AMPLIFICATION AND DISTRIBUTION**  
[54] **SYSTEME ET PROCEDE DE TRAITEMENT, D'AMPLIFICATION ET DE DISTRIBUTION AUDIO MODULAIRE SUR DEMANDE**  
[72] JACOBS, LOGAN DANIEL, CA  
[71] ZENOVIA ELECTRONICS INC., CA  
[85] 2013-12-31  
[86] 2012-07-18 (PCT/CA2012/000681)  
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[72] BAIN, SIMON IAN, GB  
[71] BUSINESS PARTNERS LIMITED, GB  
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[25] EN  
[54] **AQUEOUS RADIATION CURABLE COATING COMPOSITIONS**  
[54] **COMPOSITIONS AQUEUSES DE REVETEMENT DURCISSABLES PAR UN RAYONNEMENT**  
[72] VANMEULDER, GUIDO, BE  
[72] SALVIATO, JEAN-YVES, BE  
[71] ALLNEX BELGIUM, S.A., BE  
[85] 2013-12-31  
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[25] FR  
[54] **DEVICE FOR DETECTING OBJECTS SUCH AS MINES**  
[54] **DISPOSITIF POUR DETECTER DES OBJETS TELS QUE DES MINES**  
[72] CHEKROUN, CLAUDE, FR  
[72] DURAN, MARIO, CL  
[72] BOHBOT, OLIVIER, FR  
[72] SENEOR, ROLAND, FR  
[71] CHEKROUN, CLAUDE, FR  
[71] AMESYS SAS, FR  
[71] ECOLE POLYTECHNIQUE, FR  
[71] DURAN, MARIO, CL  
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[25] EN  
[54] **ACTUATOR FOR CLOSING A BEVERAGE INGREDIENT HOLDER**  
[54] **ACTIONNEUR POUR FERMER UNE UNITE DE MAINTIEN D'UN RECEPTACLE CONTENANT UN INGREDIENT**  
[72] PERENTES, ALEXANDRE, CH  
[72] BONACCI, ENZO, CH  
[72] CAPROTTI, PATRICK, CH  
[72] GUNSTONE, ANDREW, CH  
[71] NESTEC S.A., CH  
[85] 2014-01-03  
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[25] EN  
[54] **NEEDLE SHIELD ASSEMBLY**  
[54] **PROTECTEUR D'AIGUILLE**  
[72] WENDLAND, STEFAN, DE  
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
[85] 2014-01-03  
[86] 2012-07-17 (PCT/EP2012/063955)  
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[13] A1

[51] **Int.Cl. B65D 75/38 (2006.01)**  
[25] EN  
[54] **METHOD FOR FORMING A TUBULAR CONTAINER FOR FOOD PRODUCTS, AND RESULTING TUBE**  
[54] **PROCEDE DE FABRICATION D'UN CONDITIONNEMENT TUBULAIRE POUR DES PRODUITS ALIMENTAIRES, ET CONDITIONNEMENT OBTENU AU MOYEN DE CE PROCEDE**  
[72] NEVOT BANUS, JORDI, ES  
[71] NEVOT BANUS, JORDI, ES  
[85] 2014-01-03  
[86] 2012-07-06 (PCT/ES2012/070505)  
[87] (WO2013/004880)  
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[51] **Int.Cl. B23D 21/08 (2006.01) B23D 33/02 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR MACHINING A TUBULAR PIECE**  
[54] **APPAREIL D'USINAGE D'UNE PIECE TUBULAIRE**  
[72] PRIHA, MIKA PETTERI, FI  
[72] MAKKONEN, SEPPO ANTERO, FI  
[71] EXACT TOOLS OY, FI  
[85] 2014-01-03  
[86] 2012-07-06 (PCT/FI2012/050718)  
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[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/041 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING HAPTIC FEEDBACK**  
[54] **PROCEDE ET APPAREIL DE FOURNITURE D'UN RETOUR HAPTIQUE**  
[72] SALMELA, MIKA ALLAN, FI  
[71] NOKIA CORPORATION, FI  
[85] 2014-01-03  
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[87] (WO2013/004919)  
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[13] A1

[51] **Int.Cl. H01L 31/0687 (2012.01) H01L 31/0693 (2012.01) H01L 21/78 (2006.01) H01L 31/0304 (2006.01)**  
[25] EN  
[54] **INTEGRATED SOLAR COLLECTORS USING EPITAXIAL LIFT OFF AND COLD WELD BONDED SEMICONDUCTOR SOLAR CELLS**  
[54] **CAPTEURS SOLAIRES INTEGRES COMPORTANT DES CELLULES SOLAIRES A SEMI-CONDUCTEURS LIES PAR SOUDAGE A FROID ET A RETRAIT EPITAXIAL**  
[72] FORREST, STEPHEN R., US  
[72] RENSHAW, CHRISTOPHER KYLE, US  
[72] SLOOTSKY, MICHAEL, US  
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[85] 2014-01-03  
[86] 2012-07-06 (PCT/US2012/045778)  
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[54] **ASSAY**  
[54] **DOSAGE**  
[72] ISAKSEN, MAI FAURSCHOU, DK  
[72] KELLETT-SMITH, ANJA HEMMINGSEN, DK  
[72] MCLENNAN, NEIL, GB  
[72] GILBERT, CEINWEN, GB  
[72] KYNEB, MAJBRIIT HAUGE, DK  
[71] DUPONT NUTRITION BIOSCIENCES APS, DK  
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[30] GB (1111634.0) 2011-07-07  
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[54] **LIPOSOMES HAVING USEFUL N:P RATIO FOR DELIVERY OF RNA MOLECULES**  
[54] **LIPOSOMES AYANT UN RAPPORT N:P UTILE POUR DELIVRANCE DE MOLECULES D'ARN**  
[72] GEALL, ANDREW, US  
[72] VERMA, AYUSH, US  
[71] NOVARTIS AG, CH  
[85] 2013-12-30  
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[51] **Int.Cl. A01C 7/08 (2006.01)**  
[25] EN  
[54] **AIR SEEDER MONITORING AND EQUALIZATION SYSTEM USING ACOUSTIC SENSORS**  
[54] **SYSTEME DE SURVEILLANCE ET D'EQUILIBRE DE SEMOIR PNEUMATIQUE UTILISANT DES CAPTEURS ACOUSTIQUES**  
[72] GELINSKE, JOSHUA N., US  
[72] REICH, ADAM A., US  
[72] BATCHELLER, BARRY D., US  
[71] APPAREO SYSTEMS, LLC, US  
[71] GELINSKE, JOSHUA N., US  
[71] REICH, ADAM A., US  
[71] BATCHELLER, BARRY D., US  
[85] 2014-01-03  
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[25] EN  
[54] **FLUID PORTION DISPENSER**  
[54] **DISTRIBUTEUR DE PARTIE DE FLUIDE**  
[72] NICHOLS, ROSS WILLIAM, AU  
[72] PRESTON, ADAM JAMES, AU  
[71] RAD I.P. PTY LIMITED, AU  
[85] 2014-01-06  
[86] 2012-07-03 (PCT/AU2012/000800)  
[87] (WO2013/003900)  
[30] AU (2011902666) 2011-07-05  
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[25] EN  
[54] **A RETICULATED OPEN-CELL FOAM MODIFIED BY FIBERS EXTENDING ACROSS AND BETWEEN THE CELLS OF SAID FOAM AND PREPARATION METHODS THEREOF**  
[54] **MOUSSE RETICULEE A ALVEOLES OUVERTES MODIFIEE PAR DES FIBRES S'ETENDANT A TRAVERS ET ENTRE LES ALVEOLES DE LADITE MOUSSE ET PROCEDES DE PREPARATION DE CELLE-CI**  
[72] BERRANG, PETER G., CA  
[71] EPIC VENTURES INC., CA  
[85] 2014-01-06  
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[25] EN  
[54] **EFFICIENT HOUSE: AN EFFICIENT, HEALTHFUL AND DURABLE BUILDING SYSTEM USING DIFFERENTIAL AIRFLOW AND HEAT CONTROL ACROSS AN AIR PERMEABLE HEAT REFLECTIVE EXTERNAL ENVELOPE ASSEMBLY**  
[54] **MAISON EFFICACE : SYSTEME DE CONSTRUCTION EFFICACE, SAIN ET DURABLE UTILISANT UNE COMMANDE D'ECOULEMENT D'AIR ET DE CHALEUR DIFFERENTIELLE A TRAVERS UN ENSEMBLE ENVELOPPE EXTERNEREFLECHISSANT THERMIQUE ET PERMEABLE A L'AIR**  
[72] POULIN, BRYAN, CA  
[72] GILLIES, TONY, CA  
[71] POULIN, BRYAN, CA  
[71] GILLIES, TONY, CA  
[85] 2014-01-06  
[86] 2012-08-01 (PCT/CA2012/050522)  
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[25] EN  
[54] **CONTAINER FOR NUCLEIC ACID AMPLIFICATION REACTION**  
[54] **RECIPIENT POUR UNE REACTION D'AMPLIFICATION D'ACIDE NUCLEIQUE**  
[72] SU, CHENG, CN  
[72] TENG, PINGHUA, CN  
[71] GENEREACH BIOTECHNOLOGY CORP., CN  
[85] 2014-01-06  
[86] 2011-07-12 (PCT/CN2011/077085)  
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[25] EN  
[54] **A MULTI-BRANCHED MANNICH BASE CORROSION INHIBITOR AND PREPARATION METHOD THEREOF**  
[54] **INHIBITEUR A BASE DE MANNICH A RAMIFICATIONS MULTIPLES ET SON PROCEDE DE PREPARATION**  
[72] MA, LING, CN  
[72] LI, LEI, CN  
[72] KONG, XIANGJUN, CN  
[72] DILIBAI, MALIKE, CN  
[72] ZHEN, XINPING, CN  
[72] NIU, CHUNGE, CN  
[72] BAI, SHENGJUN, CN  
[71] PETROCHINA COMPANY LIMITED, CN  
[85] 2014-01-06  
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[25] EN  
[54] **A METHOD AND NODE FOR LOCALIZING A NODE IN A WIRELESS NETWORK**  
[54] **PROCEDE ET NOEUD POUR LOCALISER UN N.UD DANS UN RESEAU SANS FIL**  
[72] REICHENBACH, FRANK, NO  
[72] ORTEN, PAL, NO  
[71] ABB AS, NO  
[85] 2014-01-06  
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[25] EN  
[54] **CRYSTALLINE (1R,4R)-6'-FLUORO-N,N-DIMETHYL-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO[CYCLOHEXANE-1,1'-PYRANO[3,4,B]INDOL]-4-AMINE**  
[54] **FORMES CRISTALLINES DE (1R,4R)-6'-FLUORO-N,N-DIMETHYL-4-PHENYL-4',9'-DIHYDRO-3'H-SPIRO[CYCLOHEXANE-1,1'-PYRANO[3,4,B]INDOL]-4-AMINE**  
[72] GRUS, MICHAEL, DE  
[72] PRUHS, STEFAN, DE  
[72] KLUGE, STEFAN, CH  
[71] GRUNENTHAL GMBH, DE  
[85] 2014-01-06  
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[25] EN  
[54] **BIOREACTOR**  
[54] **BIOREACTEUR**  
[72] ZINK, ROGER, FR  
[72] REES, HERMANN, DE  
[72] HEINY, OTTMAR, DE  
[71] HARVARD BIOSCIENCE, INC., US  
[85] 2014-01-06  
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[30] DE (10 2011 107 400.0) 2011-07-07

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[51] **Int.Cl. F27B 21/06 (2006.01) F27D 99/00 (2010.01) C22B 1/20 (2006.01) C22B 1/24 (2006.01) F27D 17/00 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR THE THERMAL TREATMENT OF LUMP OR AGGLOMERATED MATERIAL**  
[54] **APPAREIL ET PROCEDE POUR LE TRAITEMENT THERMIQUE DE MATIERE EN MOTTES OU AGGLOMERE**  
[72] KOHLER, HARTMUT, DE  
[72] SCHMEDDERS, TIMOTHEUS, DE  
[71] OUTOTEC OYJ, FI  
[85] 2014-01-06  
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[87] (WO2013/026709)  
[30] DE (10 2011 110 842.8) 2011-08-23

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[13] A1

[51] **Int.Cl. H02J 3/18 (2006.01) H02J 3/28 (2006.01) H02J 3/32 (2006.01)**  
[25] EN  
[54] **ENERGY STORAGE ARRANGEMENT AND ALTERNATING LOAD CONSUMER**  
[54] **SYSTEME D'ACCUMULATION D'ENERGIE ET CONSOMMATEUR A CHARGE ALTERNATIVE**  
[72] ECKERT, PETER, DE  
[72] HOFFMANN, REINHARD, DE  
[72] HORGER, WOLFGANG, DE  
[72] RECHENBERG, KARSTEN, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2014-01-06  
[86] 2012-06-27 (PCT/EP2012/062424)  
[87] (WO2013/007517)  
[30] EP (11173322.6) 2011-07-08

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[21] **2,841,036**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS HAVING MEANS FOR TARGETING AT LEAST ONE ANTIGEN TO DENDRITIC CELLS**  
[54] **COMPOSITIONS AYANT UN MOYEN POUR LE CIBLAGE D'AU MOINS UN ANTIGENE SUR DES CELLULES DENDRITIQUES**  
[72] TARTOUR, ERIC, FR  
[72] JOHANNES, LUDGER, FR  
[71] INSTITUT CURIE, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR  
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR  
[71] UNIVERSITE PARIS DESCARTES, FR  
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[87] (WO2013/014128)  
[30] EP (11305959.6) 2011-07-22

[21] **2,841,037**  
[13] A1

[51] **Int.Cl. C07D 285/08 (2006.01) A61K 31/433 (2006.01) A61P 25/28 (2006.01) C07D 417/04 (2006.01) C07D 417/12 (2006.01)**  
[25] EN  
[54] **PIPERAZINE THIAZOLE DERIVATIVES USEFUL IN THE TREATMENT OF TAUOPATHIES SUCH AS ALZHEIMER'S DISEASE**  
[54] **DERIVES DE PIPERAZINE THIAZOLE UTILES DANS LE TRAITEMENT DES TAUOPATHIES TELLES QUE LA MALADIE D'ALZHEIMER**  
[72] GRIFFIOEN, GERARD, BE  
[72] CECERE, GIUSEPPE, CH  
[72] NETTEKOVEN, MATTHIAS, DE  
[72] PRINCEN, KATRIEN, BE  
[72] RATNI, HASANE, FR  
[72] ROGERS-EVANS, MARK, CH  
[72] VIFIAN, WALTER, CH  
[71] REMYND NV, BE  
[85] 2014-01-06  
[86] 2012-08-17 (PCT/EP2012/066136)  
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[30] EP (11177742.1) 2011-08-17

[21] **2,841,038**  
[13] A1

[51] **Int.Cl. A46B 5/00 (2006.01) A46B 7/02 (2006.01) A46B 15/00 (2006.01) A47L 13/51 (2006.01) A47L 13/52 (2006.01) B25G 1/04 (2006.01)**  
[25] FR  
[54] **COLLAPSIBLE CLEANING DEVICE**  
[54] **DISPOSITIF DE NETTOYAGE REPLIABLE**  
[72] COSTE, JULIEN JEAN GEORGES, FR  
[71] COSTE, JULIEN JEAN GEORGES, FR  
[85] 2014-01-06  
[86] 2012-07-04 (PCT/FR2012/051555)  
[87] (WO2013/004969)  
[30] FR (FR 11 56052) 2011-07-05

[21] **2,841,039**  
[13] A1

[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01)**  
[25] EN  
[54] **MULTISPECIFIC ANTIBODIES**  
[54] **ANTICORPS MULTISPECIFIQUES**  
[72] KADOUCHE, JEAN, FR  
[72] MACH, JEAN-PIERRE, CH  
[72] MICHELIN, OLIVIER, CH  
[72] ZOETE, VINCENT, CH  
[72] IWASZKIEWICZ, JUSTYNA, CH  
[72] CERUTTI, MARTINE, FR  
[72] CHOBLET, SYLVIE, FR  
[72] GOLAY, JOSEE, IT  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] AZIENDA OSPEDALIERA PAPA GIOVANNI XXIII, IT  
[71] UNIVERSITE DE LAUSANNE, CH  
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[86] 2012-07-06 (PCT/IB2012/053482)  
[87] (WO2013/005194)  
[30] EP (11305872.1) 2011-07-07

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[13] A1

[51] **Int.Cl. E21B 43/25 (2006.01) E21B 47/06 (2012.01) E21B 49/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PERFORMING WELLBORE STIMULATION OPERATIONS**  
[54] **SYSTEME ET PROCEDE DE REALISATION D'OPERATIONS DE STIMULATION DE TROU DE FORAGE**  
[72] WUTHERICH, KEVIN, US  
[72] WALKER, KIRBY JON, US  
[72] SAWYER, WALTER K., US  
[72] AJAYI, BABATUNDE, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2014-01-06  
[86] 2012-07-11 (PCT/IB2012/053552)  
[87] (WO2013/008195)  
[30] US (61/572,095) 2011-07-11

[21] **2,841,041**  
[13] A1

[51] **Int.Cl. E02F 9/28 (2006.01)**  
[25] EN  
[54] **RETAINING DEVICE, RETAINING SYSTEM BETWEEN A FEMALE PART AND A MALE PART, AND FEMALE PART AND MALE PART FOR EXCAVATORS AND THE LIKE**  
[54] **DISPOSITIF DE RETENUE, SYSTEME DE RETENUE ENTRE UNE PIECE FEMELLE ET UNE PIECE MALE, ET PIECE FEMELLE ET MALE POUR MACHINES EXCAVATRICES ET ANALOGUES**  
[72] ROL CORREDOR, JAVIER, ES  
[72] JIMENEZ GARCIA, JAVIER, ES  
[72] PEREZ SORIA, FRANCISCO, ES  
[72] TRIGINER BOIXEDA, JORGE, ES  
[72] ALONSO FRIGOLA, ESTER, ES  
[71] METALOGENIA, S.A., ES  
[85] 2014-01-06  
[86] 2011-07-05 (PCT/ES2011/070488)  
[87] (WO2013/004858)

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[13] A1

[51] **Int.Cl. C07C 237/22 (2006.01) C07C 311/06 (2006.01) C07C 311/19 (2006.01) C07D 207/16 (2006.01) C07K 5/06 (2006.01)**

[25] EN

[54] **BENZYLAMINE DERIVATIVES AS INHIBITORS OF PLASMA KALLIKREIN**

[54] **DERIVES DE BENZYLAMINE EN TANT QU'INHIBITEURS DE KALLIKREINE DU PLASMA**

[72] EVANS, DAVID MICHAEL, GB  
[72] DAVIE, REBECCA LOUISE, GB  
[72] EDWARDS, HANNAH JOY, GB  
[72] ROOKER, DAVID PHILIP, GB  
[71] KALVISTA PHARMACEUTICALS LIMITED, GB  
[85] 2014-01-06  
[86] 2012-07-06 (PCT/GB2012/051588)  
[87] (WO2013/005045)  
[30] GB (1111682.9) 2011-07-07  
[30] US (61/505,305) 2011-07-07

[21] **2,841,043**  
[13] A1

[51] **Int.Cl. A01N 25/08 (2006.01) A01N 25/00 (2006.01) A01N 25/12 (2006.01) C05F 11/10 (2006.01) C05G 3/00 (2006.01)**

[25] EN

[54] **COMPOSITIONS FOR GROWTH AND VIGOUR FROM OILSEEDS**

[54] **COMPOSITIONS POUR LA CROISSANCE ET LA VIGUEUR DE SEMENCES DE PLANTES OLEAGINEUSES**

[72] JESSOP, NICHOLAS HUGH  
HYLTON, GB  
[71] EXOSECT LIMITED, GB  
[85] 2014-01-06  
[86] 2012-04-19 (PCT/GB2012/000366)  
[87] (WO2012/143684)  
[30] GB (1106762.6) 2011-04-20

[21] **2,841,044**  
[13] A1

[51] **Int.Cl. F41J 3/02 (2006.01)**

[25] EN

[54] **SCORING SYSTEM FOR ARCHERY**

[54] **SYSTEME DE MARQUAGE DE POINTS POUR TIR A L'ARC**

[72] GARAS, MIHALY, HU  
[71] GARAS, MIHALY, HU  
[85] 2014-01-06  
[86] 2012-05-25 (PCT/HU2012/000044)  
[87] (WO2013/005064)  
[30] HU (P 11 00367) 2011-07-07  
[30] HU (P 12 00292) 2012-05-18

[21] **2,841,045**  
[13] A1

[51] **Int.Cl. G06F 3/06 (2006.01) B62D 41/00 (2006.01) B63B 49/00 (2006.01) B64D 47/00 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR SYNCHRONIZING VARIOUS TYPES OF DATA ON A SINGLE PACKET**

[54] **SYSTEMES ET PROCEDES POUR SYNCHRONISER DIVERS TYPES DE DONNEES SUR UN MEME PAQUET**

[72] CARRO, EDUARDO M., US  
[72] BEREZC, ENDRE, US  
[71] L-3 COMMUNICATIONS CORPORATION, US  
[85] 2014-01-06  
[86] 2012-02-07 (PCT/US2012/024047)  
[87] (WO2013/006210)  
[30] US (13/177,136) 2011-07-06

[21] **2,841,046**  
[13] A1

[51] **Int.Cl. B65D 5/50 (2006.01)**

[25] EN

[54] **REINFORCING SUPPORT ASSEMBLIES FOR A CONTAINER AND METHOD OF MAKING SAME**

[54] **ENSEMBLES SUPPORTS DE RENFORCEMENT POUR CONTENANT ET PROCEDE DE FABRICATION ASSOCIE**

[72] CHAPMAN, JEFFREY H., US  
[72] SWENSON, MATTHEW, US  
[71] ROCK-TENN SHARED SERVICES, LLC, US  
[85] 2014-01-06  
[86] 2012-05-18 (PCT/US2012/038557)  
[87] (WO2012/177342)  
[30] US (13/168,153) 2011-06-24

[21] **2,841,047**  
[13] A1

[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/295 (2006.01) A61P 11/00 (2006.01) A61P 31/00 (2006.01)**

[25] EN

[54] **IMMUNOGENIC COMPOSITIONS AND USES THEREOF**

[54] **COMPOSITIONS IMMUNOGENES ET LEURS UTILISATIONS**

[72] GEALL, ANDREW, US  
[72] BARNETT, SUSAN, US  
[72] OTTEN, GILLIS, US  
[71] NOVARTIS AG, CH  
[85] 2013-12-30  
[86] 2012-07-06 (PCT/US2012/045854)  
[87] (WO2013/006842)  
[30] US (61/505,105) 2011-07-06

[21] **2,841,048**  
[13] A1

[51] **Int.Cl. C10M 141/06 (2006.01)**

[25] EN

[54] **LUBRICANT PROVIDING IMPROVED CLEANLINESS FOR TWO-STROKE CYCLE ENGINES**

[54] **LUBRIFIANT FOURNISSANT UNE PROPRETE AMELIOREE POUR DES MOTEURS A DEUX TEMPS**

[72] DOHNER, BRENT R., US  
[71] THE LUBRIZOL CORPORATION, US  
[85] 2014-01-06  
[86] 2012-06-26 (PCT/US2012/044118)  
[87] (WO2013/006303)  
[30] US (61/505,172) 2011-07-07

[21] **2,841,049**  
[13] A1

[51] **Int.Cl. B01D 53/22 (2006.01) B01J 7/00 (2006.01) C01B 13/10 (2006.01) C07C 51/34 (2006.01)**

[25] EN

[54] **METHODS FOR THE OZONOLYSIS OF ORGANIC COMPOUNDS**

[54] **PROCEDES D'OZONOLYSE DE COMPOSES ORGANIQUES**

[72] FITCH, FRANK R., US  
[72] SUCHAK, NARESH J., US  
[71] LINDE AKTIENGESELLSCHAFT, DE  
[85] 2014-01-06  
[86] 2012-07-03 (PCT/US2012/045345)  
[87] (WO2013/006594)  
[30] US (61/505,162) 2011-07-07  
[30] US (13/539,783) 2012-07-02

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[13] A1

[51] **Int.Cl. B65D 25/28 (2006.01)**  
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[54] **HANDLE FOR CONTAINER**  
[54] **POIGNEE POUR CONTENANT**  
[72] DORN, JAMES CHRISTOPHER, US  
[71] PLASTIPAK PACKAGING, INC., US  
[85] 2014-01-06  
[86] 2012-07-03 (PCT/US2012/045420)  
[87] (WO2013/006628)  
[30] US (29/396,789) 2011-07-07  
[30] US (13/233,881) 2011-09-15

[21] **2,841,051**  
[13] A1

[51] **Int.Cl. C08L 101/00 (2006.01) B29C 55/00 (2006.01) C08K 3/00 (2006.01) C08K 5/17 (2006.01)**  
[25] EN  
[54] **ANTIVIRAL RESIN MEMBER**  
[54] **ELEMENT DE RESINE ANTIVIRAL**  
[72] KURAHASHI, SHINJI, JP  
[72] MOTOJIMA, NOBUKAZU, JP  
[72] FUKUI, YOKO, JP  
[72] NAKAYAMA, TSURUO, JP  
[71] NBC MESHTEC, INC., JP  
[85] 2014-01-06  
[86] 2012-07-06 (PCT/JP2012/004395)  
[87] (WO2013/005446)  
[30] JP (2011-150381) 2011-07-06

[21] **2,841,052**  
[13] A1

[51] **Int.Cl. H02J 3/36 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING A HYBRID POWER SYSTEM**  
[54] **PROCEDE ET APPAREIL DE COMMANDE DE SYSTEME ELECTRIQUE HYBRIDE**  
[72] DENNIS, KEVIN, US  
[72] RAASCH, MICHAEL, US  
[72] VANG, DER, US  
[71] ZBB ENERGY CORPORATION, US  
[85] 2013-12-30  
[86] 2012-07-17 (PCT/US2012/046996)  
[87] (WO2013/012831)  
[30] US (13/185,862) 2011-07-19

[21] **2,841,053**  
[13] A1

[51] **Int.Cl. G01N 21/87 (2006.01)**  
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[54] **GEMSTONE REGISTRATION SYSTEM**  
[54] **SYSTEME D'ENREGISTREMENT DE PIERRES PRECIEUSES**  
[72] PALMIERI, ANGELO W., US  
[72] PALMIERI, DONALD A., US  
[71] GEMOLOGICAL APPRAISAL ASSOCIATION, INC., US  
[85] 2014-01-06  
[86] 2012-07-05 (PCT/US2012/045509)  
[87] (WO2013/006677)  
[30] US (61/504,599) 2011-07-05  
[30] US (61/585,528) 2012-01-11

[21] **2,841,054**  
[13] A1

[51] **Int.Cl. C01B 11/02 (2006.01) B01J 20/04 (2006.01) B01J 20/26 (2006.01) B01J 20/28 (2006.01)**  
[25] EN  
[54] **SOLID COMPOSITIONS AND METHODS FOR GENERATING CHLORINE DIOXIDE**  
[54] **COMPOSITIONS SOLIDES ET PROCEDES POUR GENERER DU DIOXYDE DE CHLORE**  
[72] THANGARAJ, JOHN APPADURAI, US  
[72] DASARADHI, LAKKARAJU, US  
[71] PURELINE TREATMENT SYSTEMS, LLC, US  
[85] 2014-01-06  
[86] 2012-07-05 (PCT/US2012/045511)  
[87] (WO2013/006678)  
[30] US (13/177,275) 2011-07-06

[21] **2,841,056**  
[13] A1

[51] **Int.Cl. C21D 9/46 (2006.01) B21B 3/00 (2006.01) C21D 8/02 (2006.01) C22C 38/00 (2006.01) C22C 38/06 (2006.01) C22C 38/38 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING COLD-ROLLED STEEL SHEET**  
[54] **PROCEDE POUR PRODUIRE UNE TOLE D'ACIER LAMINEE A FROID**  
[72] NISHIO, TAKUYA, JP  
[72] WAKITA, MASAYUKI, JP  
[72] TANAKA, YASUAKI, JP  
[72] IMAI, NORIO, JP  
[72] TOMIDA, TOSHIRO, JP  
[72] YOSHIDA, MITSURU, JP  
[72] HATA, KENGO, JP  
[72] HAGA, JUN, JP  
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2014-01-06  
[86] 2012-07-02 (PCT/JP2012/066878)  
[87] (WO2013/005714)  
[30] JP (2011-150241) 2011-07-06  
[30] JP (2011-150242) 2011-07-06  
[30] JP (2011-150243) 2011-07-06  
[30] JP (2011-150244) 2011-07-06  
[30] JP (2011-150247) 2011-07-06  
[30] JP (2011-150248) 2011-07-06

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[21] **2,841,057**  
[13] A1

[51] **Int.Cl. C01B 3/28 (2006.01) C01B 3/30 (2006.01) C01B 31/02 (2006.01)**

[25] EN

[54] **METHOD FOR THE PARALLEL PRODUCTION OF HYDROGEN AND CARBON-CONTAINING PRODUCTS**

[54] **PROCEDE DE PRODUCTION PARALLELE D'HYDROGENE ET DE PRODUITS A BASE DE CARBONE**

[72] MAAS, HANS-JURGEN, DE  
[72] GOKE, VOLKER, DE  
[72] MACHHAMMER, OTTO, DE  
[72] GUZMANN, MARCUS, DE  
[72] SCHNEIDER, CHRISTIAN, DE  
[72] HORMUTH, WOLFGANG, DE  
[72] BODE, ANDREAS, DE  
[72] KLINGLER, DIRK, DE  
[72] KERN, MATTHIAS, DE  
[72] KOLIOS, GRIGORIOS, DE  
[71] LINDE AKTIENGESELLSCHAFT, DE  
[71] BASF SE, DE  
[85] 2014-01-06  
[86] 2012-07-06 (PCT/EP2012/002877)  
[87] (WO2013/004398)  
[30] DE (10 2011 106 645.8) 2011-07-05

[21] **2,841,059**  
[13] A1

[51] **Int.Cl. C07C 31/20 (2006.01) C08G 63/183 (2006.01) C08K 5/20 (2006.01) C08L 67/02 (2006.01)**

[25] EN

[54] **1,4-BUTANEDIOL-CONTAINING COMPOSITION**

[54] **COMPOSITION A BASE DE 1,4-BUTANEDIOL**

[72] IZAWA, YUSUKE, JP  
[72] UTSUNOMIYA, MASARU, JP  
[72] KONISHI, NORIKAZU, JP  
[72] TANAKA, KOUTA, JP  
[72] SUZUKI, TAKAYUKI, JP  
[72] MATSUZONO, SHINICHIROU, JP  
[71] MITSUBISHI CHEMICAL CORPORATION, JP  
[85] 2014-01-06  
[86] 2012-07-03 (PCT/JP2012/067010)  
[87] (WO2013/008686)  
[30] JP (2011-151716) 2011-07-08  
[30] JP (2011-241572) 2011-11-02

[21] **2,841,060**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/09 (2006.01)**

[25] EN

[54] **METHOD AND KIT FOR DNA TYPING OF HLA GENE**

[54] **PROCEDE ET TROUSSE POUR LE TYPAGE D'ADN D'UN GENE HLA**

[72] SHIINA, TAKASHI, JP  
[72] SUZUKI, SHINGO, JP  
[72] OZAKI, YUKI, JP  
[72] MITSUNAGA, SHIGEKI, JP  
[72] INOKO, HIDETOSHI, JP  
[71] GENODIVE PHARMA INC., JP  
[85] 2014-01-06  
[86] 2012-05-18 (PCT/JP2012/062743)  
[87] (WO2013/011734)  
[30] JP (2011-159832) 2011-07-21

[21] **2,841,061**  
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/06 (2006.01) C22C 38/38 (2006.01) C21D 9/46 (2006.01)**

[25] EN

[54] **COLD-ROLLED STEEL SHEET**

[54] **TOLE D'ACIER LAMINEE A FROID**

[72] HAGA, JUN, JP  
[72] NISHIO, TAKUYA, JP  
[72] WAKITA, MASAYUKI, JP  
[72] TANAKA, YASUAKI, JP  
[72] IMAI, NORIO, JP  
[72] TOMIDA, TOSHIRO, JP  
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2014-01-06  
[86] 2012-06-27 (PCT/JP2012/066380)  
[87] (WO2013/005618)  
[30] JP (2011-150239) 2011-07-06  
[30] JP (2011-150240) 2011-07-06  
[30] JP (2011-150245) 2011-07-06

[21] **2,841,062**  
[13] A1

[51] **Int.Cl. C25B 3/04 (2006.01) C25B 11/04 (2006.01)**

[25] EN

[54] **REDUCTION OF CARBON DIOXIDE TO CARBOXYLIC ACIDS, GLYCOLS, AND CARBOXYLATES**

[54] **REDUCTION DE DIOXYDE DE CARBONE EN ACIDES CARBOXYLIQUES, GLYCOLS, ET CARBOXYLATES**

[72] COLE, EMILY BARTON, US  
[72] TEAMEY, KYLE, US  
[72] BOCARSLY, ANDREW B., US  
[72] SIVASANKAR, NARAYANAPPA, US  
[71] LIQUID LIGHT, INC., US  
[85] 2014-01-06  
[86] 2012-07-05 (PCT/US2012/045578)  
[87] (WO2013/006711)  
[30] US (61/504,848) 2011-07-06  
[30] US (13/542,152) 2012-07-05

[21] **2,841,063**  
[13] A1

[51] **Int.Cl. H04W 12/06 (2009.01) H04L 29/06 (2006.01)**

[25] EN

[54] **DATA INTEGRITY FOR PROXIMITY-BASED COMMUNICATION**

[54] **INTEGRITE DES DONNEES POUR DES COMMUNICATIONS BASEES SUR LA PROXIMITE**

[72] LAZARIDIS, MIHAL, CA  
[72] PECEN, MARK E., CA  
[72] VANSTONE, SCOTT ALEXANDER, CA  
[72] CAMPAGNA, MATTHEW JOHN, US  
[72] ROSATI, ANTHONY, CA  
[71] BLACKBERRY LIMITED, CA  
[71] CERTICOM CORP., CA  
[85] 2014-01-06  
[86] 2011-07-11 (PCT/US2011/043538)  
[87] (WO2013/009288)

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[21] **2,841,064**  
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01) C21D 9/46 (2006.01) C22C 38/38 (2006.01) C23C 2/02 (2006.01) C22C 18/04 (2006.01)**

[25] EN

[54] **HOT-DIP GALVANIZED COLD-ROLLED STEEL SHEET AND PROCESS FOR PRODUCING SAME**

[54] **FEUILLE D'ACIER LAMINEE A FROID, PLAQUEE PAR IMMERSION A CHAUD, ET SON PROCEDE DE FABRICATION**

[72] IMAI, NORIO, JP  
[72] WAKITA, MASAYUKI, JP  
[72] NISHIO, TAKUYA, JP  
[72] HAGA, JUN, JP  
[72] HATA, KENGO, JP  
[72] TANAKA, YASUAKI, JP  
[72] YOSHIDA, MITSURU, JP  
[72] TAKEBAYASHI, HIROSHI, JP  
[72] FUKUSHIMA, SUGUHIRO, JP  
[72] TOMIDA, TOSHIRO, JP  
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
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[86] 2012-06-29 (PCT/JP2012/066686)  
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[30] JP (2011-150249) 2011-07-06  
[30] JP (2011-150250) 2011-07-06

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[51] **Int.Cl. H02J 13/00 (2006.01) H02J 3/06 (2006.01)**

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[54] **GESTION DE RESEAU ENERGETIQUE DISTRIBUE**

[72] AHMED, OSMAN, US  
[72] JUNG, MANFRED, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2014-01-06  
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[87] (WO2013/009588)  
[30] US (13/178,739) 2011-07-08

[21] **2,841,066**  
[13] A1

[51] **Int.Cl. A61K 38/37 (2006.01) A61P 7/04 (2006.01) C07K 14/755 (2006.01) C07K 19/00 (2006.01) G01N 33/48 (2006.01)**

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[54] **FACTOR VIII CHIMERIC AND HYBRID POLYPEPTIDES, AND METHODS OF USE THEREOF**

[54] **POLYPEPTIDES CHIMERIQUES ET HYBRIDES DU FACTEUR VIII ET LEURS PROCEDES D'UTILISATION**

[72] DUMONT, JENNIFER A., US  
[72] LOW, SUSAN, US  
[72] BITONTI, ALAN J., US  
[72] PIERCE, GLENN, US  
[72] LUK, ALVIN, US  
[72] JIANG, HAIYAN, US  
[72] MCKINNEY, BYRON, US  
[72] OTTMER, MATT, US  
[72] SOMMER, JURG, US  
[72] NUGENT, KAREN, GB  
[72] LI, LIAN, US  
[72] PETERS, ROBERT, US  
[71] BIOGEN IDEC HEMOPHILIA INC., US  
[85] 2014-01-06  
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[30] US (61/506,015) 2011-07-08  
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[30] US (61/569,158) 2011-12-09  
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[51] **Int.Cl. B62D 37/02 (2006.01) B60W 40/12 (2012.01) B60W 50/06 (2006.01) B62D 35/00 (2006.01)**

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[54] **SYSTEMS AND METHODS FOR SEMI-AUTONOMOUS VEHICULAR CONVOYING**

[54] **SYSTEMES ET PROCEDES POUR CONVOYAGE DE VEHICULES SEMI-AUTONOME**

[72] SWITKES, JOSHUA P., US  
[72] GERDES, JOSEPH CHRISTIAN, US  
[72] BERDICHEVSKY, GENE, US  
[71] PELOTON TECHNOLOGY INC., US  
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[51] **Int.Cl. B32B 15/01 (2006.01) B32B 37/02 (2006.01) C22F 1/00 (2006.01) E21B 33/12 (2006.01)**

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[54] **INTERMETALLIC METALLIC COMPOSITE, METHOD OF MANUFACTURE THEREOF AND ARTICLES COMPRISING THE SAME**

[54] **COMPOSITE METALLIQUE INTERMETALLIQUE, LEUR PROCEDE DE FABRICATION ET ARTICLES LES CONTENANT**

[72] GUEST, RANDALL V., US  
[72] JOHNSON, MICHAEL H., US  
[72] XU, ZHIYUE, US  
[71] BAKER HUGHES INCORPORATED, US  
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[54] **UTILISATIONS D'INHIBITEURS DE HSP90 MARQUES**  
[72] CHIOSIS, GABRIELA, US  
[72] TALDONE, TONY, US  
[72] ALPAUGH, MARY L., US  
[72] GOMES-DAGAMA, ERICA M., US  
[72] GUZMAN, MONICA L., US  
[72] ZONG, HONGLIANG, US  
[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US  
[71] CORNELL UNIVERSITY, US  
[85] 2014-01-06  
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[87] (WO2013/009657)  
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[25] EN  
[54] **DAMPING ASSEMBLY FOR DOWNHOLE TOOL DEPLOYMENT AND METHOD THEREOF**  
[54] **ENSEMBLE D'AMORTISSEMENT POUR DEPLOIEMENT D'OUTIL DE FOND DE TROU ET SON PROCEDE**  
[72] GUIDRY, CHRISTOPHER W., US  
[72] HERED, WILLIAM A., US  
[71] BAKER HUGHES INCORPORATED, US  
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[54] **MOLYBDENUM COMPOSITE HYBRID LAMINATES AND METHODS**  
[54] **STRATIFIES HYBRIDES EN COMPOSITE MOLYBDENE ET PROCEDES**  
[72] MATSEN, MARC R., US  
[72] NEGLEY, MARK A., US  
[72] PIEHL, MARC J., US  
[72] BLOHOWIAK, KAY Y., US  
[72] LANDMANN, ALAN E., US  
[72] BOSSI, RICHARD H., US  
[72] CARLSEN, ROBERT L., US  
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[72] BUTLER, GEOFFREY A., US  
[72] PINGREE, LIAM S. CAVANAUGH, US  
[72] MOORE, STEPHEN G., US  
[72] GARDNER, JOHN MARK, US  
[72] ANDERSON, ROBERT A., US  
[71] THE BOEING COMPANY, US  
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[25] EN  
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[72] STEINER, JULIE, CA  
[72] PATEL, MAYUR, CA  
[72] COCHRAN, DANIEL T., CA  
[72] MEERAKKER, TONY, CA  
[71] PERCY 3DMEDIA, INC., CA  
[85] 2014-01-06  
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[87] (WO2013/009695)  
[30] US (61/505,757) 2011-07-08

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[13] A1

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[54] **TISSU TEXTILE RESISTANT AUX FLUIDES ET PROCEDES**  
[72] KOENE, BRYAN EDWARD, US  
[72] OZER, RUYA, US  
[71] LUNA INNOVATIONS INCORPORATED, US  
[85] 2014-01-06  
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[13] A1

[51] **Int.Cl. C12N 11/00 (2006.01) A61K 38/00 (2006.01) C12N 9/00 (2006.01)**  
[25] EN  
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[54] **NANOCOMPLEXES A ENZYMES MULTIPLES**  
[72] LU, YUNFENG, US  
[72] YAN, MING, US  
[72] LIU, YANG, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2014-01-06  
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[54] **APPARATUS AND METHOD FOR MAINTAINING A CIRCUIT-SWITCHED VOICE CALL IN A MULTI-RAB WIRELESS COMMUNICATION SYSTEM IN AN AREA OF WEAK COVERAGE**  
[54] **APPAREIL ET PROCEDE DE MAINTIEN D'UN APPEL VOCAL A COMMUTATION DE CIRCUITS DANS UN SYSTEME DE COMMUNICATION SANS FIL MULTI-RAB DANS UNE ZONE A FAIBLE COUVERTURE**  
[72] PATIL, KIRAN, US  
[72] KRISHNAMOORTHY, SATHISH, US  
[72] SANKA, SURESH, US  
[72] PALANIAPPAN, VINOTH, IN  
[72] CHAKRAVARTHY, CHETAN GOPALAKRISHNAN, US  
[72] KANAMARLAPUDI, SITARAMANJANEYULU, US  
[72] NAMBIAR, RAJIV R., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2014-01-06  
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[13] A1

[51] **Int.Cl. E21B 21/10 (2006.01) E21B 4/06 (2006.01) E21B 34/08 (2006.01)**  
[25] EN  
[54] **SELECTIVE HYDRAULIC FRACTURING TOOL AND METHOD THEREOF**  
[54] **OUTIL DE FRACTURATION HYDRAULIQUE SELECTIF ET PROCEDE ASSOCIE**  
[72] MCCOY, MATTHEW, US  
[72] SOLFRONK, MATTHEW, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2014-01-06  
[86] 2012-07-11 (PCT/US2012/046231)  
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[13] A1

[51] **Int.Cl. A61K 9/48 (2006.01) A61K 9/50 (2006.01) A61K 47/30 (2006.01) A61K 47/48 (2006.01) A61K 48/00 (2006.01)**  
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[54] **ORAL DELIVERY OF ENZYMES BY NANOCAPSULES FOR TARGETED METABOLISM OF ALCOHOL OR TOXIC METABOLITES**  
[54] **ADMINISTRATION D'ENZYMES PAR VOIE ORALE AU MOYEN DE NANOCAPSULES POUR CIBLER LE METABOLISME DE L'ALCOOL OU DES METABOLITES TOXIQUES**  
[72] YANG, OTTO O., US  
[72] LU, YUNFENG, US  
[72] JI, CHENG, US  
[72] YAN, MING, US  
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[30] US (61/504,975) 2011-07-06  
[30] US (61/529,767) 2011-08-31

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[13] A1

[51] **Int.Cl. A61K 31/52 (2006.01) A61K 31/519 (2006.01) A61K 31/553 (2006.01) A61P 17/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) C07D 473/32 (2006.01) C07D 473/34 (2006.01)**  
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[54] **INHIBITEURS DE TYROSINE KINASE DE BRUTON**  
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[72] LOURY, DAVID J., US  
[72] MODY, TARAK D., US  
[71] PHARMACYCLICS, INC., US  
[71] WANG, LONGCHENG, US  
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[30] US (61/507,482) 2011-07-13

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[13] A1

[51] **Int.Cl. B01D 53/64 (2006.01) B01D 53/10 (2006.01)**  
[25] EN  
[54] **USE OF BROMIDE -CONTAINING INORGANIC SALT AND ACTIVATED CARBON FOR REDUCING MERCURY EMISSIONS FROM COMBUSTION GAS STREAMS**  
[54] **UTILISATION D'UN SEL INORGANIQUE BROME ET DE CHARBON ACTIF POUR REDUIRE LES EMISSIONS DE MERCURE ISSUES DES COURANTS DE GAZ DE COMBUSTION**  
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[72] ZHOU, QUNHUI, US  
[71] ALBEMARLE CORPORATION, US  
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[13] A1

[51] **Int.Cl. H04W 88/08 (2009.01) H04W 28/08 (2009.01)**  
[25] EN  
[54] **COMMUNICATIONS BASE STATION WITH DECISION FUNCTION FOR DISTRIBUTING TRAFFIC ACROSS MULTIPLE BACKHAULS**  
[54] **STATION DE BASE DE COMMUNICATION DOTEE D'UNE FONCTION DE DECISION POUR LA REPARTITION DU TRAFIC SUR PLUSIEURS LIAISONS TERRESTRES**  
[72] RODDY, WARREN, US  
[72] XU, HAIBO, US  
[72] GELL, DAVID, US  
[72] STANWOOD, KENNETH, US  
[71] CYGNUS BROADBAND, INC., US  
[85] 2014-01-06  
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[25] EN  
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[54] **CONTENANT AEROSOL EN PLASTIQUE ET SON PROCEDE DE FABRICATION**  
[72] ARMSTRONG, RALPH, US  
[72] BARKER, KEITH J., US  
[72] PATEL, TAPAN Y., US  
[71] GRAHAM PACKAGING COMPANY LP, US  
[85] 2014-01-06  
[86] 2012-07-31 (PCT/US2012/048956)  
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[51] **Int.Cl. G06F 17/30 (2006.01) G06F 12/00 (2006.01) G06Q 20/00 (2012.01)**  
[25] EN  
[54] **MANAGING STORAGE OF DATA FOR RANGE-BASED SEARCHING**  
[54] **GESTION DE STOCKAGE DE DONNEES POUR RECHERCHE A BASE DE PLAGES**  
[72] STANFILL, CRAIG W., US  
[71] AB INITIO TECHNOLOGY LLC, US  
[85] 2014-01-06  
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[30] US (61/505,760) 2011-07-08

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[13] A1

[51] **Int.Cl. A61C 17/34 (2006.01) A61C 15/04 (2006.01) A61C 17/20 (2006.01)**  
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[54] **ACCESSORY HEAD FOR A POWERED TOOTHBRUSH AND TOOTHBRUSH INCORPORATING THE SAME**  
[54] **TETE ACCESSOIRE DESTINEE A UNE BROUSSE A DENTS ELECTRIQUE ET BROUSSE A DENT COMPORTANT LADITE TETE ACCESSOIRE**  
[72] DICKIE, ROBERT G., CA  
[71] BRUSHPOINTS INNOVATIONS INC., CA  
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[13] A1

[51] **Int.Cl. A61B 5/05 (2006.01) A61B 5/00 (2006.01) A61G 99/00 (2006.01)**  
[25] EN  
[54] **METHODS, DEVICES AND SYSTEMS FOR ANALYTE MONITORING MANAGEMENT**  
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES POUR LA GESTION DE SURVEILLANCE D'ANALYTE**  
[72] BUDIMAN, ERWIN S., US  
[71] ABBOTT DIABETES CARE INC., US  
[85] 2014-01-06  
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[30] US (61/540,410) 2011-09-28

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[13] A1

[51] **Int.Cl. H01L 51/48 (2006.01)**  
[25] EN  
[54] **METHODS OF TAILORING ELECTRODE WORK FUNCTION USING INTERFACIAL MODIFIERS FOR USE IN ORGANIC ELECTRONICS**  
[54] **PROCEDES D'ADAPTATION AUX BESOINS DE FONCTION DE TRAVAIL D'ELECTRODE A L'AIDE D'ELEMENTS DE MODIFICATION INTERFACIAUX DESTINES A ETRE UTILISES DANS DES CIRCUITS ELECTRONIQUES ORGANIQUES**  
[72] WORFOLK, BRIAN, CA  
[72] CHEN, QUN, CA  
[72] BURIK, JILLIAN, CA  
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
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[87] (WO2013/006946)  
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[13] A1

[51] **Int.Cl. A61B 5/15 (2006.01)**  
[25] EN  
[54] **COAGULATION CONTROLLING AGENTS AND DEVICES COMPRISING THE SAME**  
[54] **AGENTS DE CONTROLE DE LA COAGULATION ET DISPOSITIFS LES COMPRENANT**  
[72] MONROE, DOUGALD, US  
[72] NOVARRA, SHABAZZ, US  
[72] HOKE, RANDAL ALAN, US  
[72] HOLMES, PAUL F., US  
[72] DUDARONEK, JUSTYNA, US  
[71] BECTON, DICKINSON AND COMPANY, US  
[85] 2014-01-06  
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[30] US (61/504,496) 2011-07-05

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[13] A1

[51] **Int.Cl. C07B 57/00 (2006.01) C07C 29/149 (2006.01) C07C 67/03 (2006.01)**  
[25] EN  
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[54] **PREPARATION DE PROPANE-1,2-DIOL OPTIQUEMENT PUR**  
[72] TIETZ, WOLFGANG, DE  
[72] SCHULZE, JOACHIM, DE  
[72] BORNER, ARMIN, DE  
[72] SHUKLOV, IVAN, DE  
[72] KUHLEIN, KLAUS, DE  
[71] THYSSENKRUPP UHDE GMBH, DE  
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[30] DE (10 2011 107 959.2) 2011-07-20

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[25] EN  
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[54] **POIGNEE DE ROBINET PRESENTANT UNE INTERFACE INCLINEE**  
[72] DAVIDSON, KYLE, US  
[72] THOMAS, KURT J., US  
[72] BROWN, DEREK A., US  
[72] SHAW, RYAN J., US  
[71] MASCO CORPORATION OF INDIANA, US  
[85] 2014-01-07  
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[25] EN  
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[54] **CONVERTISSEUR MECANIQUE BIDIRECTIONNEL**  
[72] WANG, WEIYI, CN  
[71] RATCHET SOLUTIONS, INC., US  
[71] HANGZHOU GREAT STAR TOOLS CO., LTD., CN  
[85] 2014-01-07  
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[51] **Int.Cl. G03B 17/56 (2006.01) F16M 13/04 (2006.01) G03B 17/08 (2006.01)**  
[25] EN  
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[54] **SUPPORT DE CAMERA POUR UN SKIEUR**  
[72] STEINHAUSER, MAXIMILIAN, AT  
[71] STEINHAUSER, MAXIMILIAN, AT  
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[13] A1

[51] **Int.Cl. C07K 16/18 (2006.01)**  
[25] EN  
[54] **MONOCLONAL ANTIBODIES SPECIFIC FOR BETA-AMYLOID X-37 AND USES THEREOF**  
[54] **ANTICORPS MONOCLONAUX SPECIFIQUES POUR LE BETA-AMYLOIDE X-37 ET LEURS UTILISATIONS**  
[72] MERCKEN, MARC HUBERT, BE  
[72] BORGERS, MARIANNE, BE  
[72] VANDERMEEREN, MARC MARIA PIERRE PELAGIE, BE  
[72] VAN BROECK, BIANCA JULIA J., BE  
[71] JANSSEN PHARMACEUTICA NV, BE  
[85] 2014-01-07  
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[87] (WO2013/010812)  
[30] EP (11174224.3) 2011-07-15

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[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04W 8/02 (2009.01) H04W 12/06 (2009.01)**  
[25] EN  
[54] **METHODS FOR ATTACHING A WIRELESS DEVICE TO A FOREIGN 3GPP WIRELESS DOMAIN USING ALTERNATIVE AUTHENTICATION MECHANISMS**  
[54] **PROCEDES POUR RATTACHER UN DISPOSITIF SANS FIL A UN DOMAINE SANS FIL ETRANGER D'UN SYSTEME DE COMMUNICATION 3GPP AU MOYEN DE MECANISMES D'AUTHENTIFICATION ALTERNATIFS**  
[72] POPOVICH, GEORGE, US  
[72] THOMAS, SHANTHI E., US  
[71] MOTOROLA SOLUTIONS, INC., US  
[85] 2014-01-07  
[86] 2012-07-02 (PCT/US2012/045185)  
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[30] US (13/178,612) 2011-07-08

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[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/4178 (2006.01) A61K 31/4184 (2006.01) A61K 31/438 (2006.01) A61K 31/4439 (2006.01) A61K 31/4745 (2006.01) A61P 1/16 (2006.01) A61P 31/14 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 471/04 (2006.01)**  
[25] EN  
[54] **SPIRO COMPOUNDS AS HEPATITIS C VIRUS INHIBITORS**  
[54] **COMPOSES SPIRO EN TANT QU'INHIBITEURS DU VIRUS DE L'HEPATITE C**  
[72] ZHANG, JIANCUN, CN  
[72] ZHANG, YINGJUN, CN  
[72] XIE, HONGMING, CN  
[72] REN, QINGYUN, CN  
[72] LUO, HUICHAO, CN  
[72] YU, TIANZHU, CN  
[72] TAN, YUMEI, CN  
[71] SUNSHINE LAKE PHARMA CO., LTD., CN  
[85] 2014-01-07  
[86] 2012-07-09 (PCT/CN2012/000945)  
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[30] CN (201110195113.8) 2011-07-09

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[51] **Int.Cl. H04N 7/15 (2006.01)**  
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[54] **MULTIPOINT CONNECTION APPARATUS AND COMMUNICATION SYSTEM**  
[54] **APPAREIL DE CONNEXION MULTIPOINT ET SYSTEME DE COMMUNICATION**  
[72] AIBA, AKIHITO, JP  
[71] RICOH COMPANY, LIMITED, JP  
[85] 2014-01-06  
[86] 2012-07-10 (PCT/JP2012/068039)  
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[30] JP (2011-155690) 2011-07-14

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[51] **Int.Cl. H05K 5/02 (2006.01) H04M 1/02 (2006.01)**  
[25] EN  
[54] **SLIDE PLATE HINGE FOR PORTABLE ELECTRONIC DEVICE TERMINAL**  
[54] **CHARNIERE A PLAQUE COULISSANTE POUR TERMINAL DE DISPOSITIF ELECTRONIQUE PORTATIF**  
[72] CHENG, GUANLUN, CN  
[71] HANGZHOU AMPHENOL PHOENIX TELECOM PARTS CO., LTD., CN  
[85] 2014-01-07  
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[87] (WO2013/007115)  
[30] CN (201120242955.X) 2011-07-11

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[13] A1

[51] **Int.Cl. E02D 27/32 (2006.01) E04B 1/04 (2006.01) E04G 21/02 (2006.01)**  
[25] EN  
[54] **FOUNDATION SYSTEM FOR BRIDGES AND OTHER STRUCTURES**  
[54] **SYSTEME DE FONDATION POUR PONTS ET AUTRES STRUCTURES**  
[72] ASTON, SCOTT D., US  
[72] CARFAGNO, MICHAEL G., US  
[72] CREAMER, PHILIP A., US  
[71] CONTECH ENGINEERED SOLUTIONS LLC, US  
[85] 2014-01-07  
[86] 2012-07-03 (PCT/US2012/045353)  
[87] (WO2013/009529)  
[30] US (61/505,564) 2011-07-08  
[30] US (61/637,922) 2012-04-25

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[13] A1

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[25] EN  
[54] **BOTTLE**  
[54] **BOUTEILLE**  
[72] NAKAYAMA, TADAYORI, JP  
[72] KURIHARA, GORO, JP  
[72] IMAI, HIROAKI, JP  
[71] YOSHINO KOGYOSYO CO., LTD., JP  
[85] 2014-01-06  
[86] 2012-07-25 (PCT/JP2012/068822)  
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[30] JP (2011-163103) 2011-07-26  
[30] JP (2011-188613) 2011-08-31

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[25] EN  
[54] **NOVEL SUBSTITUTED INDOLE DERIVATIVES AS GAMMA SECRETASE MODULATORS**  
[54] **NOUVEAUX DERIVES D'INDOLE SUBSTITUES UTILISES EN TANT QUE MODULATEURS DE LA GAMMA-SECRETASE**  
[72] MINNE, GARRETT BERLOND, BE  
[72] BISCHOFF, FRANCOIS PAUL, BE  
[72] GIJSEN, HENRICUS JACOBUS MARIA, BE  
[72] VELTER, ADRIANA INGRID, BE  
[72] PIETERS, SERGE MARIA ALOYSIUS, BE  
[72] BERTHELOT, DIDIER JEAN-CLAUDE, BE  
[71] JANSSEN PHARMACEUTICALS, INC., US  
[71] CELLZOME LIMITED, GB  
[85] 2014-01-07  
[86] 2012-07-12 (PCT/EP2012/063667)  
[87] (WO2013/010904)  
[30] EP (11174120.3) 2011-07-15

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[13] A1

[51] **Int.Cl. A61L 2/04 (2006.01) A61L 2/00 (2006.01)**  
[25] FR  
[54] **DEVICE AND METHOD FOR STERILIZING AN EMULSION AT AN ULTRAHIGH TEMPERATURE, PARTICULARLY A COSMETIC EMULSION FOR THE SKIN, WHICH IS UNSTABLE AT THE STERILIZATION TEMPERATURE**  
[54] **DISPOSITIF ET PROCEDE POUR LA STERILISATION A ULTRA-HAUTE TEMPERATURE D'UNE EMULSION, NOTAMMENT DERMO-COSMETIQUE, INSTABLE A LA TEMPERATURE DE STERILISATION**  
[72] DELAUNAY, JEAN-CLAUDE, FR  
[72] LEGENDRE, FRANCK, FR  
[71] PIERRE FABRE DERMO-COSMETIQUE, FR  
[85] 2014-01-07  
[86] 2012-07-11 (PCT/EP2012/063604)  
[87] (WO2013/007755)  
[30] FR (1156288) 2011-07-11

[21] **2,841,104**  
[13] A1

[51] **Int.Cl. G06F 12/00 (2006.01)**  
[25] EN  
[54] **FILE MANAGEMENT SYSYETM AND FILE MANAGEMENT METHOD**  
[54] **SYSTEME DE GESTION DE FICHER ET PROCEDE DE GESTION DE FICHER**  
[72] MIYOSHI, OSAMU, JP  
[72] SHIODA, EIICHIRO, JP  
[72] FUJITA, HIROYUKI, JP  
[71] OREGA INC., JP  
[85] 2014-01-06  
[86] 2012-08-20 (PCT/JP2012/071013)  
[87] (WO2013/035517)  
[30] JP (2011-194796) 2011-09-07

[21] **2,841,105**  
[13] A1

[51] **Int.Cl. C07K 16/24 (2006.01)**  
[25] EN  
[54] **ANTIGEN-BINDING PROTEINS WITH INCREASED FCRN BINDING**  
[54] **PROTEINES DE LIAISON A UN ANTIGENE AYANT UNE LIAISON ACCRUE A FCRN**  
[72] ELLIS, JONATHAN HENRY, GB  
[72] MOLLOY, MICHAEL J., GB  
[72] SHAH, TEJASH, GB  
[72] TOMLINSON, IAN M., GB  
[72] YASIN, AHMED, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2014-01-07  
[86] 2012-07-19 (PCT/EP2012/064129)  
[87] (WO2013/011076)  
[30] GB (1112429.4) 2011-07-19

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[13] A1

[51] **Int.Cl. C09J 7/00 (2006.01) B65H 75/00 (2006.01) C09J 7/02 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING AN ADHESIVE TAPE WITH A PROTRUDING LINER**  
[54] **PROCEDE DE FABRICATION D'UNE BANDE ADHESIVE MUNIE D'UN REVETEMENT EN SAILLIE**  
[72] TACH, MICHAEL, DE  
[72] GABRIEL, MARKUS, DE  
[72] EHLERS, BRUCE DIRK, DE  
[71] TESA SE, DE  
[85] 2014-01-07  
[86] 2012-08-02 (PCT/EP2012/065154)  
[87] (WO2013/020891)  
[30] DE (10 2011 080 760.8) 2011-08-10

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[25] EN  
[54] **NEW CRYSTALLINE FORM**  
[54] **NOUVELLE FORME CRISTALLINE**  
[72] NARDI, ANTONIO, IT  
[72] SALVI, ANNIBALE, IT  
[72] VILLANI, FLAVIO, IT  
[72] DE ANGELIS, BRUNO, IT  
[72] BERTOLINI, GIORGIO, IT  
[71] LABORATORIO CHIMICO INTERNAZIONALE S.P.A., IT  
[85] 2014-01-07  
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[87] (WO2013/008076)  
[30] IT (MI2011A001286) 2011-07-11

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[13] A1

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[25] EN  
[54] **HYDRAULIC BINDER**  
[54] **LIANT HYDRAULIQUE**  
[72] MATTHES, WINNIE, CH  
[72] CASTELLTORT, ZARINA, CH  
[72] MATSCHEL, THOMAS, CH  
[72] BAALBAKI, MOUSSA, CH  
[71] HOLCIM TECHNOLOGY LTD, CH  
[85] 2014-01-07  
[86] 2012-07-09 (PCT/IB2012/001357)  
[87] (WO2013/008082)  
[30] AT (A 1005/2011) 2011-07-08

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[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 30/04 (2012.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PRODUCT CONFIGURATION**  
[54] **SYSTEMES ET PROCEDES DE CONFIGURATION D'UN PRODUIT**  
[72] O'CONNOR, JOHN P., US  
[72] HORSBURGH, RANDALL L., US  
[71] THE TRAVELERS INDEMNITY COMPANY, US  
[85] 2014-01-07  
[86] 2012-07-06 (PCT/US2012/045643)  
[87] (WO2013/009585)  
[30] US (61/506,091) 2011-07-09

[21] **2,841,111**  
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **NOVEL PYRROLO PYRIMIDINE DERIVATIVES**  
[54] **NOUVEAUX DERIVES DE PYRROLOPYRIMIDINE**  
[72] HENG, RICHARD, CH  
[72] HOEGENAUER, ELIZABETH KATE, CH  
[72] KOCH, GUIDO, CH  
[72] PULZ, ROBERT ALEXANDER, CH  
[72] VULPETTI, ANNA, CH  
[72] WAELCHLI, RUDOLF, CH  
[71] NOVARTIS AG, CH  
[85] 2014-01-07  
[86] 2012-07-07 (PCT/IB2012/001699)  
[87] (WO2013/008095)  
[30] US (61/505,560) 2011-07-08

[21] **2,841,113**  
[13] A1

[51] **Int.Cl. C07D 271/06 (2006.01) A61K 31/4245 (2006.01) A61P 3/00 (2006.01) A61P 25/28 (2006.01) C07D 413/10 (2006.01) C07D 413/12 (2006.01)**  
[25] EN  
[54] **NOVEL TRIFLUOROMETHYL-OXADIAZOLE DERIVATIVES AND THEIR USE IN THE TREATMENT OF DISEASE**  
[54] **NOUVEAUX DERIVES DE TRIFLUOROMETHYL-OXADIAZOLE ET LEUR UTILISATION POUR LE TRAITEMENT DE MALADIES**  
[72] HEBACH, CHRISTINA, CH  
[72] JOLY, EMILIE, CH  
[72] KALLEN, JOERG, CH  
[72] TERNOIS, JAMES GILBERT, CH  
[72] TINTELNOT-BLOMLEY, MARINA, CH  
[71] NOVARTIS AG, CH  
[85] 2014-01-07  
[86] 2012-07-06 (PCT/IB2012/053470)  
[87] (WO2013/008162)  
[30] US (61/505,592) 2011-07-08

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[13] A1

[51] **Int.Cl. G06Q 40/08 (2012.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR DETERMINING OPTIONAL INSURANCE COVERAGES**  
[54] **SYSTEMES ET PROCEDES POUR DETERMINER DES COUVERTURES D'ASSURANCE FACULTATIVES**  
[72] ERNSTBERGER, KELLY A., US  
[72] MARSTON, SALLY D., US  
[71] THE TRAVELERS INDEMNITY COMPANY, US  
[85] 2014-01-07  
[86] 2012-07-06 (PCT/US2012/045694)  
[87] (WO2013/009598)  
[30] US (13/179,120) 2011-07-08

[21] **2,841,115**  
[13] A1

[51] **Int.Cl. F16L 57/06 (2006.01)**  
[25] EN  
[54] **TUBULAR COMPONENT WITH AN INTERNAL WEAR-RESISTANT SURFACE**  
[54] **COMPOSANT TUBULAIRE DOTE D'UNE SURFACE RESISTANT A L'USURE INTERNE**  
[72] LENES, ERIK, NO  
[71] MATERIX AS, NO  
[85] 2014-01-06  
[86] 2012-06-28 (PCT/NO2012/050126)  
[87] (WO2013/009188)  
[30] NO (20111015) 2011-07-12

[21] **2,841,116**  
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 30/04 (2012.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR BUSINESS CLASSIFICATION**  
[54] **SYSTEMES ET PROCEDES DE CLASSIFICATION D'ENTREPRISE**  
[72] WALLQUIST, DIANNA M., US  
[72] SCARFF, WILLIAM W., US  
[71] THE TRAVELERS INDEMNITY COMPANY, US  
[85] 2014-01-07  
[86] 2012-07-06 (PCT/US2012/045696)  
[87] (WO2013/009599)  
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[25] EN

[54] **METHOD OF TREATING ATHEROSCLEROSIS IN HIGH TRIGLYCERIDE SUBJECTS**

[54] **METHODE DE TRAITEMENT DE L'ATHEROSCLEROSE CHEZ DES PATIENTS PRESENTANT UN TAUX ELEVE DE TRIGLYCERIDES**

[72] ARAI, YOSHIE, JP

[72] BROUSSEAU, MARGARET ELIZABETH, US

[72] GU, JESSIE, US

[72] HAYASHI, TOMOKO, JP

[72] MITANI, HIRONOBU, JP

[72] MOGI, MUNETO, US

[72] NONOMURA, KAZUHIKO, JP

[72] YAMADA, KEN, US

[71] NOVARTIS AG, CH

[85] 2014-01-07

[86] 2012-07-06 (PCT/IB2012/053479)

[87] (WO2013/008164)

[30] US (61/505,584) 2011-07-08

[30] US (61/657,061) 2012-06-08

[21] **2,841,118**  
[13] A1

[51] **Int.Cl. B32B 1/08 (2006.01) C03B 25/00 (2006.01) C03C 4/00 (2006.01) C03C 4/02 (2006.01) C03C 4/08 (2006.01) C03C 6/00 (2006.01)**

[25] EN

[54] **GLASS CONTAINER COMPOSITION**

[54] **COMPOSITION POUR RECIPIENT EN VERRE**

[72] BARTON, STEPHEN D., US

[72] CLICK, CAROL A., US

[72] HOWSE, TERENCE K.G., US

[71] OWENS-BROCKWAY GLASS CONTAINER INC., US

[85] 2014-01-08

[86] 2012-06-08 (PCT/US2012/041596)

[87] (WO2013/009417)

[30] US (13/179,161) 2011-07-08

[21] **2,841,119**  
[13] A1

[51] **Int.Cl. G01V 3/32 (2006.01)**

[25] EN

[54] **NMR TRACKING OF INJECTED FLUIDS**

[54] **SUIVI DE FLUIDES INJECTES PAR RESONANCE MAGNETIQUE NUCLEAIRE (RMN)**

[72] DIRKSEN, RON, US

[72] CHEN, SONGHUA, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-01-07

[86] 2011-07-12 (PCT/US2011/043678)

[87] (WO2013/009299)

[21] **2,841,120**  
[13] A1

[51] **Int.Cl. A61K 41/00 (2006.01) A41D 27/08 (2006.01) A61K 49/00 (2006.01)**

[25] EN

[54] **PHOTOSENSITIZING ANTIBODY-FLUOROPHORE CONJUGATES**

[54] **CONJUGUES ANTICORPS-FLUOROPHORE PHOTOSENSIBILISANTS**

[72] KOBAYASHI, HISATAKA, GB

[72] CHOYKE, PETER, US

[72] BERNARDO, MARCELINO, US

[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US

[85] 2014-01-08

[86] 2012-06-27 (PCT/US2012/044421)

[87] (WO2013/009475)

[30] US (13/180,111) 2011-07-11

[21] **2,841,121**  
[13] A1

[51] **Int.Cl. B23K 9/12 (2006.01) B23K 9/133 (2006.01) B65H 51/10 (2006.01) B65H 51/32 (2006.01)**

[25] EN

[54] **WIRE GUIDE MODULE WITH A HOUSING AND ROLLERS METHOD OF GUIDING A WIRE AND A WIRE DISPENSING SYSTEM WITH SUCH MODULE**

[54] **MODULE DE GUIDAGE DE FIL DOTE D'UN LOGEMENT ET DE ROULEAUX, PROCEDE DE GUIDAGE D'UN FIL, ET SYSTEME DE DISTRIBUTION DE FIL DOTE D'UN TEL MODULE**

[72] COOPER, EDWARD L., US

[71] ELCO ENTERPRISES, INC., US

[85] 2014-01-08

[86] 2012-06-29 (PCT/US2012/044923)

[87] (WO2013/009499)

[30] US (61/505,854) 2011-07-08

[30] US (61/514,119) 2011-08-02

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[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 30/02 (2012.01) H04W 4/00 (2009.01) H04L 12/16 (2006.01)**

[25] EN

[54] **PERSONAL ADVISOR SYSTEM USING DATA-CAPABLE BAND**

[54] **SYSTEME DE CONSEIL PERSONNEL UTILISANT UNE BANDE A FONCTION DE TRANSFERT DE DONNEES**

[72] RAHMAN, HOSAIN SADEQUR, US

[72] DRYSDALE, RICHARD LEE, US

[72] LUNA, MICHAEL EDWARD SMITH, US

[72] FULLAM, SCOTT, US

[72] BOGARD, TRAVIS AUSTIN, US

[72] ROBISON, JEREMIAH, US

[72] UTTER, MAX EVERETT, II., US

[72] DONALDSON, THOMAS ALAN, GB

[72] MARTINO, RAYMOND A., US

[71] ALIPHCOM, US

[85] 2013-05-06

[86] 2012-05-25 (PCT/US2012/039763)

[87] (WO2012/170225)

[30] US (13/158,372) 2011-06-10

[30] US (13/158,416) 2011-06-11

[30] US (61/495,995) 2011-06-11

[30] US (61/495,994) 2011-06-11

[30] US (61/495,997) 2011-06-11

[30] US (61/495,996) 2011-06-11

[30] US (13/180,000) 2011-07-11

[30] US (13/180,320) 2011-07-11

[30] US (13/181,511) 2011-07-12

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[51] **Int.Cl. A61L 27/04 (2006.01) A61F 2/02 (2006.01) A61F 2/76 (2006.01) A61L 27/14 (2006.01)**

[25] EN

[54] **METHOD OF FABRICATING MEDICAL IMPLANTS**

[54] **PROCEDE DE FABRICATION D'IMPLANTS MEDICAUX**

[72] OGAWA, TAKAHIRO, US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2014-01-08

[86] 2012-07-05 (PCT/US2012/045619)

[87] (WO2013/009579)

[30] US (61/505,876) 2011-07-08

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[13] A1

[51] **Int.Cl. B62D 5/20 (2006.01) B62D 7/10 (2006.01) B62D 63/00 (2006.01)**

[25] EN

[54] **STEERING AND DRIVE ASSEMBLY**

[54] **ENSEMBLE DE DIRECTION ET DE PROPULSION**

[72] SWASEY, MERIN, US

[72] KIRBY, TYLER, US

[72] HOTH, KELLY, US

[71] BOOMERANG SYSTEMS, INC., US

[85] 2014-01-08

[86] 2012-07-05 (PCT/US2012/045623)

[87] (WO2013/009580)

[30] US (61/505,698) 2011-07-08

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[13] A1

[51] **Int.Cl. E21B 47/06 (2012.01) E21B 47/00 (2012.01) G01V 3/18 (2006.01) G01V 9/00 (2006.01)**

[25] EN

[54] **FORMATION TESTING IN MANAGED PRESSURE DRILLING**

[54] **ESSAI DES COUCHES LORS D'UN FORAGE A PRESSION GEREE**

[72] JEFFRIES, STUART M., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-01-07

[86] 2011-07-12 (PCT/US2011/043750)

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[13] A1

[51] **Int.Cl. A43B 3/24 (2006.01) A43B 9/02 (2006.01) A43B 13/12 (2006.01) A43B 13/16 (2006.01)**

[25] EN

[54] **SPLIT-SOLE FOOTWEAR**

[54] **CHAUSSURE A SEMELLE SEPAREE**

[72] GAVRIELI, KFIR, US

[72] GAVRIELI, DIKLA, US

[71] GAVRIELI BRANDS LLC, US

[85] 2014-01-07

[86] 2011-11-14 (PCT/US2011/060662)

[87] (WO2013/022466)

[30] US (13/207,397) 2011-08-10

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[21] **2,841,127**  
[13] A1

[51] **Int.Cl. G05D 7/01 (2006.01)**

[25] EN

[54] **HYDRAULIC FLOW-RATE REGULATING DEVICE**

[54] **DISPOSITIF REGULATEUR DE DEBIT HYDRAULIQUE**

[72] BOSIO, ROBERTO, IT

[72] RAVEDATI, PAOLO, IT

[72] RENDESI, MAURIZIO, IT

[72] MOLINO, GIORGIO, IT

[71] ELBI INTERNATIONAL S.P.A., IT

[85] 2014-01-07

[86] 2012-07-12 (PCT/IB2012/053566)

[87] (WO2013/008199)

[30] IT (TO2011A000615) 2011-07-13

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[21] **2,841,128**  
[13] A1

[51] **Int.Cl. G06Q 40/08 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR RISK VALIDATION**

[54] **SYSTEME ET PROCEDE DE VALIDATION DE RISQUE**

[72] CHRISTIE-SORENSEN, AMANDA B., US

[72] KISH, ANITA L., US

[71] THE TRAVELERS INDEMNITY COMPANY, US

[85] 2014-01-07

[86] 2012-07-06 (PCT/US2012/045713)

[87] (WO2013/009604)

[30] US (13/179,005) 2011-07-08

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[21] **2,841,129**  
[13] A1

[51] **Int.Cl. F24B 3/00 (2006.01)**

[25] EN

[54] **MAGNETIC FASTENING ASSEMBLY FOR ATTACHING A FERROUS METAL BAKING PAN TO A BAKING RACK**

[54] **ENSEMBLE DE FIXATION MAGNETIQUE POUR FIXER UN MOULE EN METAL FERREUX A UNE GRILLE DE CUISSON**

[72] SUDERMAN, DONALD A., US

[71] BUNTING MAGNETICS CO., US

[85] 2014-01-06

[86] 2011-07-11 (PCT/US2011/001209)

[87] (WO2012/009002)

[30] US (12/834,087) 2010-07-12

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[21] **2,841,130**  
[13] A1

[51] **Int.Cl. C08L 101/16 (2006.01) C08J 9/18 (2006.01) C08J 9/232 (2006.01) C08L 67/04 (2006.01)**

[25] EN

[54] **COMPOSTABLE OR BIOBASED FOAMS, METHOD OF MANUFACTURE AND USE**

[54] **MOUSSES COMPOSTABLES OU D'ORIGINE BIOLOGIQUE, ET PROCEDE DE FABRICATION ET D'UTILISATION**

[72] PAWLOSKI, ADAM, US

[72] CERNOHOUS, JEFFREY, US

[72] KASKE, KENT, US

[72] VAN GORDEN, GARRETT, US

[71] LIFOAM INDUSTRIES, LLC, US

[85] 2014-01-07

[86] 2012-07-06 (PCT/US2012/045723)

[87] (WO2013/006781)

[30] US (13/178,300) 2011-07-07

[30] US (13/178,293) 2011-07-07

[30] US (13/178,272) 2011-07-07

[30] US (13/230,158) 2011-09-12

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[21] **2,841,131**  
[13] A1

[51] **Int.Cl. G01N 21/25 (2006.01) G01N 21/3563 (2014.01) E21C 39/00 (2006.01) E21C 41/24 (2006.01) G01N 21/84 (2006.01) G01N 33/24 (2006.01) G01N 33/28 (2006.01)**

[25] EN

[54] **SPECTROSCOPIC ANALYSIS OF OIL SANDS ORE FACE FOR REAL TIME ORE BLEND MANAGEMENT**

[54] **ANALYSE SPECTROSCOPIQUE DE PHYSIONOMIE DE MINERAL DE SABLES BITUMEUX POUR GESTION EN TEMPS REEL DE MELANGE DE MINERAL**

[72] DAVIS, MICHAEL A., US  
[72] CARLSON, ANDREW E., US  
[72] WINKOWSKI, DAVID O., US  
[72] VIEGA, JOHN V., US  
[72] KERSEY, ALAN D., US  
[72] FERNALD, MARK R., US  
[71] CIDRA CORPORATE SERVICES INC., US

[85] 2014-01-07  
[86] 2012-07-09 (PCT/US2012/045942)  
[87] (WO2013/006853)  
[30] US (61/505,355) 2011-07-07

[21] **2,841,132**  
[13] A1

[51] **Int.Cl. E21B 10/46 (2006.01) B22F 5/00 (2006.01)**

[25] EN

[54] **EXTRUDED POWDER METAL COMPACT**

[54] **COMPRIME EXTRUDE DE METAL EN POUDRE**

[72] XU, ZHIYUE, US  
[71] BAKER HUGHES INCORPORATED, US

[85] 2014-01-07  
[86] 2012-07-19 (PCT/US2012/047379)  
[87] (WO2013/019421)  
[30] US (13/194,361) 2011-07-29

[21] **2,841,133**  
[13] A1

[51] **Int.Cl. A61K 8/96 (2006.01) A61Q 19/08 (2006.01)**

[25] EN

[54] **SKIN CARE COMPOSITIONS CONTAINING COMBINATIONS OF NATURAL INGREDIENTS**

[54] **COMPOSITIONS DE SOINS DE LA PEAU CONTENANT DES COMBINAISONS D'INGREDIENTS NATURELS**

[72] DRAPEAU, CHRISTIAN, US  
[72] KUKULCAN, SHAKAHN, NZ  
[72] JENSEN, GITTE S., CA  
[71] STEMTECH INTERNATIONAL, INC., US

[85] 2014-01-07  
[86] 2012-08-03 (PCT/US2012/049619)  
[87] (WO2013/022788)  
[30] US (61/515,754) 2011-08-05

[21] **2,841,134**  
[13] A1

[51] **Int.Cl. A61F 2/76 (2006.01) A61F 2/02 (2006.01) A61L 27/04 (2006.01) A61L 27/06 (2006.01)**

[25] EN

[54] **METHOD OF USING MEDICAL IMPLANTS**

[54] **PROCEDE D'UTILISATION D'IMPLANTS MEDICAUX**

[72] OGAWA, TAKAHIRO, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2014-01-08  
[86] 2012-07-05 (PCT/US2012/045625)  
[87] (WO2013/009581)  
[30] US (61/505,891) 2011-07-08

[21] **2,841,135**  
[13] A1

[51] **Int.Cl. A61K 38/48 (2006.01) A61P 1/06 (2006.01)**

[25] EN

[54] **METHOD FOR TREATMENT OF ESOPHAGEAL SPASM**

[54] **PROCEDE DE TRAITEMENT DU SPASME OESOPHAGIEN**

[72] BLUMENFELD, ANDREW M., US  
[71] ALLERGAN, INC., US

[85] 2014-01-08  
[86] 2012-07-06 (PCT/US2012/045642)  
[87] (WO2013/009584)  
[30] US (61/505,981) 2011-07-08

[21] **2,841,136**  
[13] A1

[51] **Int.Cl. A47F 1/08 (2006.01) B65D 5/72 (2006.01) B65D 71/36 (2006.01)**

[25] EN

[54] **PRODUCT DISPENSING SYSTEM WITH MULTIPLE DISPENSING DECKS**

[54] **SYSTEME DE DISTRIBUTION DE PRODUITS AVEC MULTIPLES PLATEAUX DE DISTRIBUTION**

[72] BATES, AARON L., US  
[72] LOFTIN, CALEB S., US  
[72] BURTON, STEVEN W., US  
[72] BOGDZIEWICZ, WILLIAM J., III, US  
[71] MEADWESTVACO CORPORATION, US

[85] 2014-01-08  
[86] 2012-07-06 (PCT/US2012/045652)  
[87] (WO2013/012570)  
[30] US (13/184,639) 2011-07-18

[21] **2,841,137**  
[13] A1

[51] **Int.Cl. C11D 9/02 (2006.01) C11D 13/00 (2006.01) C11D 13/04 (2006.01)**

[25] EN

[54] **METALLIC SOAP COMPOSITIONS FOR VARIOUS APPLICATIONS**

[54] **COMPOSITIONS DE SAVON METALLIQUE POUR DIVERSES APPLICATIONS**

[72] HUNT, ZACHARY JON, US  
[72] FLOWERS, JAMES LOUIS, US  
[72] CHRISTENSEN, S. ALEXANDER, US  
[71] ELEVANCE RENEWABLE SCIENCES, INC., US

[85] 2014-01-08  
[86] 2012-07-06 (PCT/US2012/045719)  
[87] (WO2013/009605)  
[30] US (61/506,144) 2011-07-10

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[21] **2,841,138**  
[13] A1

[51] **Int.Cl. B60F 5/00 (2006.01) B60K 1/00 (2006.01) B60K 1/04 (2006.01) B60K 17/34 (2006.01) B60K 23/00 (2006.01) B60L 11/18 (2006.01) B60L 15/00 (2006.01)**

[25] EN

[54] **ELECTRIC OFF-ROAD WHEELED VEHICLE**

[54] **VEHICULE SUR ROUES TOUT-TERRAIN ELECTRIQUE**

[72] MORGAN, GARRETT, CA

[72] LEFRANCOIS, GILBERT, CA

[72] MONFETTE, DAVID, CA

[72] GAGNON, MARC, CA

[71] CONSORTIUM DE RECHERCHE BRP - UNIVERSITE DE SHERBROOKE S.E.N.C., CA

[85] 2014-01-08

[86] 2012-07-05 (PCT/CA2012/000651)

[87] (WO2013/006949)

[30] US (61/505,608) 2011-07-08

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[21] **2,841,139**  
[13] A1

[51] **Int.Cl. A61K 38/48 (2006.01) A61P 1/00 (2006.01)**

[25] EN

[54] **METHOD FOR TREATMENT OF AUTONOMIC NERVOUS SYSTEM DISORDERS**

[54] **PROCEDE DE TRAITEMENT DE TROUBLES DU SYSTEME NERVEUX AUTONOME**

[72] BLUMENFELD, ANDREW M., US

[71] ALLERGAN, INC., US

[85] 2014-01-08

[86] 2012-07-06 (PCT/US2012/045766)

[87] (WO2013/009625)

[30] US (61/505,960) 2011-07-08

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[21] **2,841,140**  
[13] A1

[51] **Int.Cl. H04W 12/06 (2009.01)**

[25] EN

[54] **RIGHTS CONTROL METHOD AND APPARATUS FOR DIGITAL LIVING NETWORK ALLIANCE**

[54] **PROCEDE DE GESTION DES DROITS ET APPAREIL D'ALLIANCE POUR UN RESEAU NUMERIQUE VIVANT**

[72] FANG, LIJUN, CN

[71] ZTE CORPORATION, CN

[85] 2014-01-08

[86] 2012-05-24 (PCT/CN2012/075975)

[87] (WO2013/086836)

[30] CN (201110422931.7) 2011-12-16

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[21] **2,841,141**  
[13] A1

[51] **Int.Cl. H04W 28/06 (2009.01) H04W 48/08 (2009.01) H04W 48/12 (2009.01)**

[25] EN

[54] **SYSTEMS, METHODS AND APPARATUSES FOR LOW-OVERHEAD WIRELESS BEACON TIMING**

[54] **SYSTEMES ET PROCEDES DE SYNCHRONISATION DE BALISE SANS FIL CONTENANT PEU DE DONNEES GENERALES**

[72] ABRAHAM, SANTOSH PAUL, US

[72] FREDERIKS, GUIDO ROBERT, US

[72] MERLIN, SIMONE, US

[72] WENTINK, MAARTEN MENZO, US

[71] QUALCOMM INCORPORATED, US

[85] 2014-01-08

[86] 2012-07-10 (PCT/US2012/046111)

[87] (WO2013/009776)

[30] US (61/506,136) 2011-07-10

[30] US (61/531,522) 2011-09-06

[30] US (61/549,638) 2011-10-20

[30] US (61/568,075) 2011-12-07

[30] US (61/578,027) 2011-12-20

[30] US (61/583,890) 2012-01-06

[30] US (61/584,174) 2012-01-06

[30] US (61/585,044) 2012-01-10

[30] US (61/596,106) 2012-02-07

[30] US (61/596,775) 2012-02-09

[30] US (61/606,175) 2012-03-02

[30] US (61/618,966) 2012-04-02

[30] US (61/620,869) 2012-04-05

[30] US (13/544,900) 2012-07-09

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[21] **2,841,142**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C40B 30/00 (2006.01) G01N 33/68 (2006.01)**

[25] EN

[54] **BIOMARKERS FOR NON-HODGKIN LYMPHOMAS AND USES THEREOF**

[54] **BIOMARQUEURS POUR LYMPHOMES NON HODGKINIENS ET LEURS UTILISATIONS**

[72] MORIN, RYAN D., CA

[72] MARRA, MARCO A., CA

[72] MUNGALL, ANDREW J., CA

[72] HIRST, MARTIN, CA

[72] MENDEZ-LAGO, MARIA, CA

[72] GASCOYNE, RANDY D., CA

[72] CONNORS, JOSEPH M., CA

[71] MORIN, RYAN D., CA

[71] MARRA, MARCO A., CA

[71] MUNGALL, ANDREW J., CA

[71] HIRST, MARTIN, CA

[71] MENDEZ-LAGO, MARIA, CA

[71] GASCOYNE, RANDY D., CA

[71] CONNORS, JOSEPH M., CA

[85] 2013-12-20

[86] 2011-06-23 (PCT/CA2011/000724)

[87] (WO2011/160206)

[30] US (61/357,813) 2010-06-23

[30] US (61/420,065) 2010-12-06

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[21] **2,841,143**  
[13] A1

[51] **Int.Cl. G06T 9/00 (2006.01)**

[25] EN

[54] **COMPRESSING IMAGE DATA**

[54] **COMPRESSION DE DONNEES D'IMAGE**

[72] HE, DRAKE, CA

[72] YU, XIANG, CA

[72] WANG, JING, CA

[71] BLACKBERRY LIMITED, CA

[85] 2013-12-20

[86] 2011-06-22 (PCT/CA2011/050383)

[87] (WO2012/174635)

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[21] **2,841,144**  
[13] A1

[51] **Int.Cl. E21B 33/13 (2006.01)**  
[25] EN  
[54] **CABLE COMPATIBLE RIG-LESS OPERABLE ANNULI ENGAGABLE SYSTEM FOR USING AND ABANDONING A SUBTERRANEAN WELL**

[54] **SYSTEME POUVANT ETRE MIS EN CONTACT AVEC DES PARTIES ANNULAIRES, COMPATIBLE AVEC UN CABLE ET POUVANT FONCTIONNER SANS INSTALLATION DE FORAGE, DESTINE POUR EXPLOITER ET POUR ABANDONNER UN Puits SOUTERRAIN**

[72] TUNGET, BRUCE A., GB  
[71] TUNGET, BRUCE A., GB  
[85] 2014-01-06  
[86] 2012-07-05 (PCT/US2012/000315)  
[87] (WO2013/006208)  
[30] GB (1111482.4) 2011-07-05

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[21] **2,841,145**  
[13] A1

[51] **Int.Cl. G06T 9/00 (2006.01)**  
[25] EN  
[54] **COMPRESSING IMAGE DATA**  
[54] **COMPRESSION DE DONNEES D'IMAGE**

[72] HE, DRAKE, CA  
[72] YU, XIANG, CA  
[72] WANG, JING, CA  
[71] BLACKBERRY LIMITED, CA  
[85] 2013-12-20  
[86] 2011-06-22 (PCT/CA2011/050384)  
[87] (WO2012/174636)

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[21] **2,841,146**  
[13] A1

[51] **Int.Cl. G09C 5/00 (2006.01) G06T 1/00 (2006.01)**  
[25] EN  
[54] **ENCODING HIDDEN INFORMATION IN SPATIAL LINE FREQUENCIES**

[54] **CODAGE D'INFORMATIONS MASQUEES DANS DES FREQUENCES LINEAIRES SPATIALES**

[72] CRISAN, SILVIU, CA  
[72] GAUDREAU, MARC, CA  
[72] RYGAS, TADEUSZ PIOTR, CA  
[71] CANADIAN BANK NOTE COMPANY, LIMITED, CA  
[85] 2013-12-20  
[86] 2011-06-27 (PCT/CA2011/050390)  
[87] (WO2013/000057)

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[21] **2,841,147**  
[13] A1

[51] **Int.Cl. G06F 7/10 (2006.01)**  
[25] EN  
[54] **PREFERENCE-GUIDED DATA EXPLORATION AND SEMANTIC PROCESSING**

[54] **EXPLORATION DE DONNEES GUIDEE PAR PREFERENCE ET TRAITEMENT SEMANTIQUE**

[72] SWEENEY, PETER J., CA  
[72] ILYAS, IHAB F., CA  
[72] SOLIMAN, MOHAMED A., US  
[71] PRIMAL FUSION INC., CA  
[85] 2013-12-20  
[86] 2012-06-20 (PCT/CA2012/000603)  
[87] (WO2012/174648)  
[30] US (61/498,899) 2011-06-20  
[30] CA (PCT/CA2012/000009) 2012-01-06

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[21] **2,841,148**  
[13] A1

[51] **Int.Cl. G01J 3/12 (2006.01) G02B 27/09 (2006.01)**  
[25] EN  
[54] **SPECTROGRAPH WITH ANAMORPHIC BEAM EXPANSION**

[54] **SPECTROGRAPHE A DILATATION ANAMORPHIQUE DES FAISCEAUX**

[72] BEHR, BRADFORD B., US  
[72] MEADE, JEFFREY T., CA  
[71] TORNADO MEDICAL SYSTEMS INC., CA  
[85] 2013-12-20  
[86] 2012-06-22 (PCT/CA2012/000615)  
[87] (WO2012/174655)  
[30] US (61/500,948) 2011-06-24

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[21] **2,841,149**  
[13] A1

[51] **Int.Cl. A23K 1/00 (2006.01) A01N 31/00 (2006.01) A01N 59/00 (2006.01) A23K 1/16 (2006.01) A23K 1/175 (2006.01) A23K 1/18 (2006.01)**  
[25] EN  
[54] **ACTIVE FORMULATION FOR USE IN FEED PRODUCTS**  
[54] **PREPARATION ACTIVE UTILISABLE DANS DES PRODUITS DE CHARGE**

[72] KOK, SYMONE, NL  
[72] VOGIATZIS, NIKOLAOS, NL  
[71] PURAC BIOCHEM BV, NL  
[85] 2014-01-06  
[86] 2012-07-03 (PCT/EP2012/062926)  
[87] (WO2013/007558)  
[30] EP (11173177.4) 2011-07-08  
[30] US (61/505,810) 2011-07-08

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[21] **2,841,150**  
[13] A1

[51] **Int.Cl. B01D 53/62 (2006.01)**  
[25] EN  
[54] **SEQUESTRATION OF GREENHOUSE GASSES BY GENERATING AN UNSTABLE GAS/SALINE FRONT WITHIN A FORMATION**  
[54] **SEQUESTRATION DE GAZ A EFFET DE SERRE PAR GENERATION D'UN FRONT GAZ/SOLUTION SALINE INSTABLE**  
[72] DUSSEAULT, MAURICE B., CA  
[72] MALEKZADEH, FARSHAD A., CA  
[71] DUSSEAULT, MAURICE B., CA  
[71] BILAK, ROMAN, CA  
[85] 2013-12-20  
[86] 2012-06-22 (PCT/CA2012/050418)  
[87] (WO2012/174665)  
[30] US (61/500,966) 2011-06-24

[21] **2,841,151**  
[13] A1

[51] **Int.Cl. F16G 11/04 (2006.01) F16G 11/10 (2006.01)**  
[25] EN  
[54] **GRIPPING ARRANGEMENT AND GRIPPING ASSEMBLY**  
[54] **DISPOSITIF ET ENSEMBLE DE SERRAGE**  
[72] BACON, MATTHEW STEVEN, GB  
[71] GRIPPLE LIMITED, GB  
[85] 2013-12-20  
[86] 2012-05-14 (PCT/GB2012/000429)  
[87] (WO2013/007963)  
[30] GB (1111724.9) 2011-07-08  
[30] GB (1116442.3) 2011-09-23  
[30] GB (1208134.5) 2012-05-10

[21] **2,841,152**  
[13] A1

[51] **Int.Cl. B01L 3/02 (2006.01) G01F 11/02 (2006.01) G01N 35/10 (2006.01)**  
[25] FR  
[54] **PROCESS FOR DETECTING ANOMALIES DURING THE FILLING OF A LIQUID METERING DEVICE AND LIQUID METERING DEVICE**  
[54] **PROCEDE DE DETECTION D'ANOMALIES LORS DU REMPLISSAGE D'UN DISPOSITIF DE DOSAGE DE LIQUIDE ET DISPOSITIF DE DOSAGE DE LIQUIDE**  
[72] MILLET, FREDERIC, FR  
[71] GILSON SAS, FR  
[85] 2013-12-20  
[86] 2012-06-14 (PCT/EP2012/061258)  
[87] (WO2013/000716)  
[30] FR (11 55747) 2011-06-28

[21] **2,841,153**  
[13] A1

[51] **Int.Cl. C25B 15/08 (2006.01) H01M 8/04 (2006.01) H01M 8/06 (2006.01)**  
[25] FR  
[54] **DEVICE FOR STORING DIOXYGEN AND/OR DIHYDROGEN, AND RELATED FUEL CELL SYSTEM**  
[54] **DISPOSITIF DE PRODUCTION ET DE STOCKAGE DE DIOXYGENE ET/OU DE DIHYDROGENE ET SYSTEME DE PILE A COMBUSTIBLE ASSOCIE**  
[72] VERDU, OLIVIER, FR  
[71] AVERA STOCKAGE D'ENERGIE, FR  
[85] 2014-01-06  
[86] 2012-07-05 (PCT/EP2012/063082)  
[87] (WO2013/007583)  
[30] FR (1156231) 2011-07-08

[21] **2,841,154**  
[13] A1

[51] **Int.Cl. A61F 13/06 (2006.01) A61F 13/00 (2006.01) A61F 13/10 (2006.01)**  
[25] EN  
[54] **TUBULAR BANDAGE**  
[54] **BANDAGE TUBULAIRE**  
[72] DE MAN, CEDRIC LODEWIJK H., LU  
[71] DE MAN PROJECTS SA, LU  
[85] 2013-12-20  
[86] 2012-06-26 (PCT/IB2012/053232)  
[87] (WO2013/001455)  
[30] BE (201100385) 2011-06-27

[21] **2,841,155**  
[13] A1

[51] **Int.Cl. F02M 35/10 (2006.01) F01M 13/00 (2006.01) F02M 35/12 (2006.01)**  
[25] EN  
[54] **INTAKE APPARATUS**  
[54] **DISPOSITIF D'ADMISSION**  
[72] KURAOKA, SHINJI, JP  
[71] KOJIMA PRESS INDUSTRY CO., LTD., JP  
[85] 2014-01-07  
[86] 2012-07-18 (PCT/JP2012/068148)  
[87] (WO2013/015161)  
[30] JP (2011-161652) 2011-07-25

[21] **2,841,156**  
[13] A1

[51] **Int.Cl. E21B 7/08 (2006.01)**  
[25] EN  
[54] **WHIPSTOCK ASSEMBLY AND METHOD FOR LOW SIDE EXIT**  
[54] **ENSEMBLE DE SIFFLET DEVIATEUR ET PROCEDE POUR SORTIE DE COTE BAS**  
[72] ROBIN, ANDREW M., GB  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2014-01-06  
[86] 2012-07-06 (PCT/US2012/045686)  
[87] (WO2013/015967)  
[30] US (61/511,293) 2011-07-25

[21] **2,841,157**  
[13] A1

[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/24 (2006.01)**  
[25] FR  
[54] **FUEL CELL PLATE AND FUEL CELL**  
[54] **PLAQUE DE PILE A COMBUSTIBLE ET PILE A COMBUSTIBLE**  
[72] BEILLE, FLORENT, FR  
[72] QUINTIERI, CHRISTIAN, FR  
[72] VANNUCCI, DIDIER, FR  
[72] LE FOL, FREDERIC, FR  
[71] AVERA STOCKAGE D'ENERGIE, FR  
[85] 2014-01-06  
[86] 2012-07-09 (PCT/EP2012/063411)  
[87] (WO2013/007692)  
[30] FR (11 56248) 2011-07-08

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[21] **2,841,158**  
[13] A1

[51] **Int.Cl. A61K 31/7088 (2006.01) A61K 31/7105 (2006.01) A61K 31/713 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01) C12N 15/113 (2010.01)**

[25] EN

[54] **MICRORNA-31 COMPOSITIONS AND METHODS FOR USE IN AUTOIMMUNE DISEASE**

[54] **COMPOSITIONS DE MICROARN-31 ET LEURS PROCEDES D'UTILISATION DANS DES MALADIES AUTO-IMMUNES**

[72] YAO, YIHONG, US  
[72] SHEN, NAN, CN  
[72] FAN, WEI, CN  
[72] TANG, YUANJIA, CN  
[71] MEDIMMUNE, LLC, US  
[71] SHANGHAI RENJI HOSPITAL, CN  
[85] 2013-12-20  
[86] 2012-06-26 (PCT/US2012/044197)  
[87] (WO2013/003346)  
[30] US (61/501,482) 2011-06-27

[21] **2,841,159**  
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[51] **Int.Cl. G08G 1/16 (2006.01) B60R 21/0134 (2006.01) G08B 21/02 (2006.01) G08C 17/04 (2006.01)**

[25] FR

[54] **WARNING SYSTEM FOR ADVISING OF DANGEROUS SITUATIONS IN AN AGGRESSIVE SETTING**

[54] **SYSTEME AVERTISSEUR DE SITUATIONS DANGEREUSES EN MILIEU AGRESSIF**

[72] VAQUIN, GILLES, FR  
[72] GRENIER, OLIVIER, FR  
[72] BAERT, JEAN-MICHEL, FR  
[72] DOUBREMELLE, DENIS, FR  
[71] PROXIPI, FR  
[85] 2013-12-20  
[86] 2012-06-26 (PCT/EP2012/062308)  
[87] (WO2013/000888)  
[30] FR (1155814) 2011-06-29

[21] **2,841,160**  
[13] A1

[51] **Int.Cl. A61N 1/04 (2006.01) A61M 1/00 (2006.01) A61M 35/00 (2006.01) A61N 1/30 (2006.01) A61N 1/32 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR WOUND HEALING**

[54] **SYSTEME ET PROCEDE POUR CICATRISATION DE PLAIE**

[72] PAPAY, FRANCIS A., US  
[72] CHEN, JI-FENG, US  
[72] GAO, SHENGQIANG, US  
[71] THE CLEVELAND CLINIC FOUNDATION, US  
[85] 2014-01-07  
[86] 2012-07-06 (PCT/US2012/045743)  
[87] (WO2013/009614)  
[30] US (61/505,586) 2011-07-08

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[13] A1

[51] **Int.Cl. C07C 51/36 (2006.01) C07C 51/16 (2006.01) C07C 51/285 (2006.01) C07C 51/34 (2006.01) C07C 51/377 (2006.01) C07C 55/02 (2006.01) C07C 57/12 (2006.01) C07C 59/01 (2006.01) C07C 227/16 (2006.01) C07C 227/18 (2006.01) C07C 229/08 (2006.01) C07C 253/22 (2006.01) C07C 253/30 (2006.01) C07C 255/19 (2006.01) C07C 255/23 (2006.01)**

[25] FR

[54] **PROCESS FOR SYNTHESIZING OMEGA-FUNCTIONALIZED ACIDS FROM FATTY ACIDS OR FATTY ESTERS**

[54] **PROCEDE DE SYNTHESE D'ACIDES OMEGA-FONCTIONNALISES A PARTIR D'ACIDES OU D'ESTERS GRAS**

[72] DUBOIS, JEAN-LUC, FR  
[71] ARKEMA FRANCE, FR  
[85] 2014-01-06  
[86] 2012-07-10 (PCT/FR2012/051627)  
[87] (WO2013/011226)  
[30] FR (1156526) 2011-07-19

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[13] A1

[51] **Int.Cl. G01H 1/00 (2006.01)**

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[54] **A METHOD FOR IDENTIFYING A FAULT IN AN ELECTRICAL MACHINE**

[54] **PROCEDE POUR IDENTIFIER UNE DEFAILLANCE DANS UNE MACHINE ELECTRIQUE**

[72] RODRIGUEZ, PEDRO, SE  
[71] ABB RESEARCH LTD, CH  
[85] 2013-12-20  
[86] 2012-06-28 (PCT/EP2012/062526)  
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[30] EP (11171814.4) 2011-06-29

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[13] A1

[51] **Int.Cl. C25D 11/02 (2006.01) C25D 11/04 (2006.01)**

[25] EN

[54] **CORROSION RESISTANT METAL COATING AND METHOD OF MAKING SAME**

[54] **REVETEMENT DE METAL RESISTANT A LA CORROSION ET SON PROCEDE DE FABRICATION**

[72] BEAVER, MICHAEL LEE, US  
[71] TRIPLEX, LLC, US  
[85] 2014-01-07  
[86] 2012-07-09 (PCT/US2012/045981)  
[87] (WO2013/009714)  
[30] US (61/505,880) 2011-07-08  
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[30] US (13/249,151) 2011-09-29

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[13] A1

[51] **Int.Cl. C12N 5/073 (2010.01)**

[25] EN

[54] **METHODS FOR CELL REPROGRAMMING AND GENOME ENGINEERING**

[54] **PROCEDES DE REPROGRAMMATION CELLULAIRE ET D'INGENIERIE GENOMIQUE**

[72] BURKE, THOMAS, US  
[72] MILLER, MICHAEL, US  
[72] MCLACHLAN, MICHAEL, US  
[72] DICKERSON, SARAH, US  
[72] STROUSE, ANNE, US  
[71] CELLULAR DYNAMICS INTERNATIONAL, INC., US  
[85] 2014-01-07  
[86] 2012-07-11 (PCT/US2012/046194)  
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[30] US (61/506,314) 2011-07-11

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[54] **DYNAMIC VPN ADDRESS ALLOCATION**  
[54] **ALLOCATION D'ADRESSE DE RESEAU PRIVE VIRTUEL DYNAMIQUE**  
[72] SHORT, ROBERT DUNHAM, US  
[72] LARSON, VICTOR, US  
[72] WILLIAMSON, MICHAEL, US  
[71] VIRNETX, INC., US  
[85] 2014-01-07  
[86] 2012-07-09 (PCT/US2012/045921)  
[87] (WO2013/009682)  
[30] US (61/505,754) 2011-07-08

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[13] A1

[51] **Int.Cl. F02K 1/72 (2006.01) F02K 1/62 (2006.01) F02K 3/06 (2006.01)**  
[25] FR  
[54] **AIRCRAFT PROPULSION UNIT INCLUDING AT LEAST ONE TURBOJET ENGINE AND A NACELLE**  
[54] **ENSEMBLE PROPULSIF D'AERONEF COMPRENANT AU MOINS UN TURBOREACTEUR ET UNE NACELLE**  
[72] CARUEL, PIERRE, FR  
[71] AIRCELLE, FR  
[85] 2014-01-07  
[86] 2012-07-17 (PCT/FR2012/051693)  
[87] (WO2013/017771)  
[30] FR (11/56960) 2011-07-29

[21] **2,841,168**  
[13] A1

[51] **Int.Cl. G02B 6/00 (2006.01)**  
[25] EN  
[54] **OPTICAL FIBER CUTTER AND OPTICAL FIBER CUTTER UNIT**  
[54] **ORGANE DE COUPE DE FIBRE OPTIQUE ET UNITE LE COMPORTANT**  
[72] HASEGAWA, MASAHIRO, JP  
[72] TADA, TSUYOSHI, JP  
[72] HOMMA, TOSHIHIKO, JP  
[71] SEI OPTIFRONTIER CO., LTD., JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[85] 2014-01-07  
[86] 2012-08-03 (PCT/JP2012/069897)  
[87] (WO2013/024722)  
[30] JP (2011-176988) 2011-08-12

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[13] A1

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[25] EN  
[54] **ORVINOL AND THEVINOL DERIVATIVES USEFUL IN THE TREATMENT OF DRUG AND ALCOHOL ABUSE**  
[54] **DERIVES D'ORVINOL ET DE THEVINOL UTILES DANS LE TRAITEMENT DE LA TOXICOMANIE ET DE L'ALCOOLISME**  
[72] LEWIS, JOHN, GB  
[72] HUSBANDS, STEPHEN, GB  
[71] THE UNIVERSITY OF BATH, GB  
[85] 2014-01-07  
[86] 2012-07-05 (PCT/GB2012/051575)  
[87] (WO2013/007986)  
[30] GB (1111775.1) 2011-07-08

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[13] A1

[51] **Int.Cl. A61F 2/30 (2006.01) A61F 2/38 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR AUGMENTING THE POSTERIOR ASPECT OF A FEMORAL KNEE JOINT PROSTHESIS COMPONENT**  
[54] **PROCEDE ET APPAREIL POUR AUGMENTER L'ASPECT POSTERIEUR D'UN COMPOSANT FEMORAL DE PROTHESE D'ARTICULATION DE GENOU**  
[72] METZGER, DIANNE S., US  
[72] VAUGHAN, IAN R., US  
[72] TODD, DWIGHT T., US  
[71] ZIMMER, INC., US  
[85] 2014-01-06  
[86] 2012-07-06 (PCT/US2012/045825)  
[87] (WO2013/006823)  
[30] US (61/505,310) 2011-07-07

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[13] A1

[51] **Int.Cl. H01M 2/02 (2006.01) B23K 9/00 (2006.01) B23K 20/10 (2006.01) B23K 26/20 (2014.01) H01G 9/00 (2006.01) H01G 9/10 (2006.01) H01M 2/04 (2006.01) H01M 2/30 (2006.01)**  
[25] EN  
[54] **HIGH TEMPERATURE ENERGY STORAGE DEVICE**  
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE HAUTE TEMPERATURE**  
[72] SIGNORELLI, RICCARDO, US  
[72] COOLEY, JOHN JACOB, US  
[72] DEANE, CHRISTOPHER JOHN SIBBALD, US  
[72] EPSTEIN, JAMES, US  
[72] KUTTIPILLAI, PADMANABAN SASTHAN, US  
[72] MARTINI, FABRIZIO, US  
[71] FASTCAP SYSTEMS CORPORATION, US  
[85] 2014-01-07  
[86] 2012-07-09 (PCT/US2012/045994)  
[87] (WO2013/009720)  
[30] US (61/505,715) 2011-07-08  
[30] US (61/512,090) 2011-07-27  
[30] US (61/560,888) 2011-11-17  
[30] US (61/569,010) 2011-12-09  
[30] US (61/602,713) 2012-02-24  
[30] US (61/619,203) 2012-04-02

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[13] A1

[51] **Int.Cl. A61M 5/46 (2006.01)**  
[25] EN  
[54] **INJECTION DEVICE AND METHOD FOR MAKING THE SAME**  
[54] **DISPOSITIF D'INJECTION ET PROCEDE DE FABRICATION DE CE DISPOSITIF**  
[72] KEITEL, JOACHIM, DE  
[71] HASELMEIER GMBH, CH  
[85] 2014-01-08  
[86] 2012-07-13 (PCT/EP2012/002964)  
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[30] DE (10 2011 107 199.0) 2011-07-13

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[13] A1

[51] **Int.Cl. A61K 51/04 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01) G01N 33/574 (2006.01)**

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[54] **USES OF LABELED HSP90 INHIBITORS**

[54] **UTILISATIONS D'INHIBITEURS MARQUES DE HSP90**

[72] CHIOSIS, GABRIELA, US

[72] PILLARSETTY, NAGAVARAKISHORE, US

[72] LEWIS, JASON S., US

[72] LARSON, STEVEN M., US

[72] TALDONE, TONY, US

[72] ALPAUGH, MARY L., US

[72] GOMES-DAGAMA, ERICA M., US

[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US

[85] 2014-01-06

[86] 2012-07-06 (PCT/US2012/045861)

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[30] US (61/506,010) 2011-07-08

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[13] A1

[51] **Int.Cl. C10L 1/14 (2006.01) C10L 1/183 (2006.01) C10L 1/185 (2006.01) C10L 1/19 (2006.01) C10L 1/196 (2006.01) C10L 1/197 (2006.01) C10L 1/222 (2006.01) C10L 1/223 (2006.01) C10L 1/228 (2006.01) C10L 1/232 (2006.01) C10L 1/236 (2006.01) C10L 1/238 (2006.01) C10L 10/00 (2006.01) C10L 10/04 (2006.01) C10L 10/14 (2006.01)**

[25] FR

[54] **ADDITIVE COMPOSITIONS THAT IMPROVE THE STABILITY AND THE ENGINE PERFORMANCES OF DIESEL FUELS**

[54] **COMPOSITIONS D'ADDITIFS AMELIORANT LA STABILITE ET LES PERFORMANCES MOTEUR DES GAZOLES**

[72] TORT, FREDERIC, FR

[72] VERMOREL, CHRISTIAN, FR

[71] TOTAL MARKETING SERVICES, FR

[85] 2013-12-20

[86] 2012-07-11 (PCT/EP2012/063532)

[87] (WO2013/007738)

[30] FR (1156363) 2011-07-12

[21] **2,841,175**  
[13] A1

[51] **Int.Cl. C12N 9/04 (2006.01) C12N 9/00 (2006.01) C12N 9/12 (2006.01) C12N 9/88 (2006.01) C12P 7/28 (2006.01)**

[25] EN

[54] **RECOMBINANT MICROORGANISM FOR THE PRODUCTION OF USEFUL METABOLITES**

[54] **MICRO-ORGANISME RECOMBINE POUR LA PRODUCTION DE METABOLITES UTILES**

[72] MARLIERE, PHILIPPE, BE

[71] SCIENTIST OF FORTUNE S.A., LU

[85] 2014-01-08

[86] 2012-07-12 (PCT/EP2012/063685)

[87] (WO2013/007786)

[30] EP (11173563.5) 2011-07-12

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[51] **Int.Cl. G01T 1/167 (2006.01) G01N 23/00 (2006.01) G06F 17/00 (2006.01)**

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[54] **RADIONUCLIDE DETECTION AND IDENTIFICATION**

[54] **DETECTION ET IDENTIFICATION DE RADIONUCLEIDES**

[72] BOARDMAN, DAVID, AU

[71] AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION, AU

[85] 2014-01-07

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[87] (WO2013/006898)

[30] AU (2011902731) 2011-07-08

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[25] FR

[54] **ROBOTIZED SYSTEM FOR DISPLACING A REMOTELY GUIDED TOOL**

[54] **SYSTEME ROBOTISE POUR LE DEPLACEMENT D'UN OUTIL GUIDE A DISTANCE**

[72] LOUSTAUDAUDINE, CHRISTOPHE, FR

[71] ADVANCED ECHO TECHNOLOGY, FR

[85] 2013-12-20

[86] 2012-06-29 (PCT/IB2012/001290)

[87] (WO2013/005088)

[30] FR (11/02082) 2011-07-01

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[13] A1

[51] **Int.Cl. C07K 5/06 (2006.01) A61K 38/05 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07D 401/04 (2006.01)**

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[54] **NOTCH PATHWAY SIGNALING INHIBITOR COMPOUND**

[54] **COMPOSE INHIBITEUR DE LA SIGNALISATION PAR LA VOIE NOTCH**

[72] HIPSKIND, PHILIP ARTHUR, US

[72] STEPHENSON, GREGORY ALAN, US

[71] ELI LILLY AND COMPANY, US

[85] 2014-01-07

[86] 2012-07-18 (PCT/US2012/047100)

[87] (WO2013/016081)

[30] US (61/512,016) 2011-07-27

[30] US (61/560,486) 2011-11-16

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[13] A1

[51] **Int.Cl. G01S 1/00 (2006.01) G01S 13/00 (2006.01) G08B 21/02 (2006.01) H04B 10/00 (2013.01)**

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[54] **A SYSTEM FOR PREVENTING FRIENDLY FIRE ACCIDENTS**

[54] **SYSTEME POUR PREVENIR LES ACCIDENTS LIES A DES TIRS AMIS**

[72] SCOTT, MICHAEL R., NZ

[71] HUNTER SAFETY LAB, LLC, NZ

[85] 2013-12-20

[86] 2012-07-13 (PCT/IB2012/053603)

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[30] NZ (594034) 2011-07-13

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[54] **FASTENING A CEILING TRIM**  
[54] **FIXATION D'UNE GARNITURE DE PLAFOND**  
[72] HALISCHUK, CORY, CA  
[71] HALISCHUK, CORY, CA  
[85] 2014-01-07  
[86] 2012-07-11 (PCT/CA2012/050476)  
[87] (WO2013/006975)  
[30] US (61/506,482) 2011-07-11  
[30] US (61/525,331) 2011-08-19  
[30] US (61/624,635) 2012-04-16

[21] **2,841,181**  
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) C07K 16/22 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12P 21/08 (2006.01)**  
[25] EN  
[54] **NOVEL ANTI-HUMAN NGF ANTIBODY**  
[54] **NOUVEL ANTICORPS ANTI-NGF HUMAIN**  
[72] KAMOHARA, MASAZUMI, JP  
[72] TANAKA, HIROTSUGU, JP  
[72] KOYA, YUKARI, JP  
[72] TAKASAKI, JUN, JP  
[72] YONEZAWA, ATSUO, JP  
[72] YOSHIMI, EIJI, JP  
[71] ASTELLAS PHARMA INC., JP  
[85] 2014-01-07  
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[30] JP (2011-176209) 2011-08-11  
[30] JP (2011-269215) 2011-12-08

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[13] A1

[51] **Int.Cl. A61B 17/29 (2006.01) A61B 17/00 (2006.01)**  
[25] EN  
[54] **LAPAROSCOPIC GRASPERS**  
[54] **PINCES POUR LAPAROSCOPIE**  
[72] FARIN, DANNY, IL  
[72] BACHAR, YEHUDA, IL  
[71] EON SURGICAL LTD., IL  
[85] 2014-01-08  
[86] 2012-07-11 (PCT/EP2012/063618)  
[87] (WO2013/007764)  
[30] US (61/506,595) 2011-07-11

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[13] A1

[51] **Int.Cl. C23F 11/00 (2006.01) C23C 26/00 (2006.01)**  
[25] EN  
[54] **METHOD OF CONTROLLING THE CORROSION RATE OF ALLOY PARTICLES, ALLOY PARTICLE WITH CONTROLLED CORROSION RATE, AND ARTICLES COMPRISING THE PARTICLE**  
[54] **PROCEDE PERMETTANT DE REGULER LA VITESSE DE CORROSION DES PARTICULES D'ALLIAGE, PARTICULE D'ALLIAGE AYANT UNE VITESSE DE CORROSION REGULEE ET ARTICLES COMPRENANT LA PARTICULE**  
[72] MAZYAR, OLEG A., US  
[72] JOHNSON, MICHAEL, US  
[72] GUEST, RANDALL, US  
[72] CARREJO, NICHOLAS, US  
[72] FURLAN, WAYNE, US  
[72] GAUDETTE, SEAN, US  
[72] XU, ZHIYUE, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2014-01-07  
[86] 2012-07-18 (PCT/US2012/047163)  
[87] (WO2013/019409)  
[30] US (13/194,271) 2011-07-29

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[13] A1

[51] **Int.Cl. C07K 16/36 (2006.01)**  
[25] EN  
[54] **INHIBITORY ANTI-FACTOR XII/XIIA MONOCLONAL ANTIBODIES AND THEIR USES**  
[54] **ANTICORPS MONOCLONAUX INHIBITEURS ANTI-FACTEUR XII/XIIA ET LEURS UTILISATIONS**  
[72] PANOUSIS, CON, AU  
[72] RAYZMAN, VERONIKA, AU  
[72] NASH, ANDREW, AU  
[72] WILSON, MICHAEL, AU  
[72] SCHMIDBAUER, STEFAN, DE  
[72] NOLTE, MARC, DE  
[71] CSL BEHRING GMBH, DE  
[71] CSL LTD., AU  
[85] 2014-01-08  
[86] 2012-07-20 (PCT/EP2012/064322)  
[87] (WO2013/014092)  
[30] EP (11175105.3) 2011-07-22  
[30] US (61/510,801) 2011-07-22  
[30] EP (12153310.3) 2012-01-31

[21] **2,841,186**  
[13] A1

[51] **Int.Cl. H04N 13/00 (2006.01) H04N 21/234 (2011.01) H04N 21/236 (2011.01) H04N 21/44 (2011.01)**  
[25] EN  
[54] **VIDEO TRANSMISSION DEVICE, VIDEO TRANSMISSION METHOD, AND VIDEO PLAYBACK DEVICE**  
[54] **DISPOSITIF DE TRANSMISSION D'IMAGE, PROCEDE DE TRANSMISSION D'IMAGE ET DISPOSITIF DE LECTURE D'IMAGE**  
[72] OGAWA, TOMOKI, JP  
[72] YAHATA, HIROSHI, JP  
[72] KAWAGUCHI, TORU, JP  
[71] PANASONIC CORPORATION, JP  
[85] 2014-01-07  
[86] 2013-05-23 (PCT/JP2013/003283)  
[87] (WO2013/175796)  
[30] US (61/651,222) 2012-05-24  
[30] US (61/654,307) 2012-06-01  
[30] US (61/656,303) 2012-06-06  
[30] US (61/660,104) 2012-06-15

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[13] A1

[51] **Int.Cl. B65D 47/18 (2006.01) A61F 9/00 (2006.01)**  
[25] EN  
[54] **INSERT FOR A DROP DISPENSING TUBE SPOUT**  
[54] **INSERT POUR UN ORIFICE DE TUBE DE DISTRIBUTION DE GOUTTES**  
[72] GEIGER, ANDREAS, CH  
[72] KUBESCH, CHRISTIAN, CH  
[72] MATHYS, JAN, CH  
[71] HOFFMANN NEOPAC AG, CH  
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[86] 2011-11-25 (PCT/CH2011/000287)  
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[13] A1

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[25] EN  
[54] **A SEPARATION DISC FOR A CENTRIFUGAL SEPARATOR AND A METHOD FOR MANUFACTURING THE SEPARATION DISC**  
[54] **DISQUE DE SEPARATION POUR UN SEPARATEUR CENTRIFUGE ET PROCEDE POUR FABRIQUER LE DISQUE DE SEPARATION**  
[72] NILSSON, SVEN-AKE, SE  
[72] THORWID, PETER, SE  
[71] ALFA LAVAL CORPORATE AB, SE  
[85] 2014-01-08  
[86] 2012-08-07 (PCT/EP2012/065439)  
[87] (WO2013/020978)  
[30] EP (11177101.0) 2011-08-10

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[54] **METHOD AND APPARATUS FOR PROCESSING A 3D SERVICE**  
[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'UN SERVICE EN 3D**  
[72] SUH, JONGYEUL, KR  
[72] CHOE, JEEHYUN, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2014-01-07  
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[25] EN  
[54] **ANIMAL SUPPLEMENTS AND FOOD COMPOSITIONS CONTAINING SOLUBLE MONENSIN COMPOSITION, AND METHODS AND PROCESSES THEREFOR**  
[54] **SUPPLEMENTS ET COMPOSITIONS ALIMENTAIRES POUR ANIMAUX CONTENANT UNE COMPOSITION A BASE DE MONENSIN SOLUBLE, ET PROCEDES ET PROCESSUS POUR CEUX-CI**  
[72] GAWLAK, JON THOMAS, US  
[72] LUBETKIN, STEVEN DUFF, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2014-01-07  
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[54] **METHOD AND SYSTEM FOR IMPLEMENTING INTELLIGENT ROAMING SERVICE**  
[54] **PROCEDE ET SYSTEME DE MISE EN ŒUVRE D'UN SERVICE D'ITINERANCE INTELLIGENT**  
[72] JIN, NA, CN  
[72] ZHOU, XUQIANG, CN  
[71] ZTE CORPORATION, CN  
[85] 2014-01-07  
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[25] EN  
[54] **TRANSMISSION DEVICE, RECEIVING/PLAYING DEVICE, TRANSMISSION METHOD, AND RECEIVING/PLAYING METHOD**  
[54] **DISPOSITIF DE TRANSMISSION, DISPOSITIF DE RECEPTION/LECTURE, PROCEDE DE TRANSMISSION ET PROCEDE DE RECEPTION/LECTURE**  
[72] KAWAGUCHI, TORU, JP  
[72] YAHATA, HIROSHI, JP  
[72] OGAWA, TOMOKI, JP  
[71] PANASONIC CORPORATION, JP  
[85] 2014-01-07  
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[54] **ARRANGEMENT FOR EXTRACTING ENERGY FROM FLOWING LIQUID**  
[54] **AGENCEMENT POUR EXTRAIRE DE L'ENERGIE A PARTIR D'UN LIQUIDE EN ECOULEMENT**  
[72] TRAYNER, ANTHONY, GB  
[72] SYVERTSEN, SAM, NO  
[72] BRATTEKAS, JON INGE, NO  
[72] EIELSEN, JAN INGE, NO  
[71] FLUMILL AS, NO  
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[54] **SYSTEME DE FIXATION D'ACCESSOIRE DE TRAMPOLINE**  
[72] ALEXANDER, KEITH VIVIAN, NZ  
[72] MILLER, DAVID JETHRO, NZ  
[71] BOARD & BATTEN INTERNATIONAL INC., KY  
[85] 2014-01-07  
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[54] **FUNGICIDAL COMPOSITION AND METHOD FOR CONTROLLING PLANT DISEASES**  
[54] **COMPOSITION FONGICIDE ET PROCEDE DE LUTTE CONTRE LES MALADIES DE PLANTES**  
[72] OGAWA, MUNEKAZU, JP  
[72] KAWAI, YUZUKA, JP  
[71] ISHIHARA SANGYO KAISHA, LTD., JP  
[85] 2014-01-07  
[86] 2012-06-15 (PCT/JP2012/065925)  
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[30] JP (2011-151807) 2011-07-08

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[54] **APOPTOSIS-INDUCING AGENT**  
[54] **AGENT INDUCTEUR D'APOPTOSE**  
[72] NIITSU, YOSHIRO, JP  
[72] NISHITA, HIROKI, JP  
[71] NITTO DENKO CORPORATION, JP  
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[54] **NOVEL SOURDOUGH COMPOSITIONS AND METHODS FOR THEIR PREPARATION**  
[54] **NOUVELLES COMPOSITIONS DE LEVAIN ET LEURS PROCEDES DE PREPARATION**  
[72] DE PAUW, PAUL, BE  
[71] PURATOS NV, BE  
[85] 2014-01-08  
[86] 2012-08-10 (PCT/EP2012/065757)  
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[13] A1

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[54] **PROTECTIVE GLOVE WITH A TEXTILE LINING**  
[54] **GANT DE PROTECTION COMPORTANT UNE DOUBLURE INTERIEURE TEXTILE**  
[72] FINZELBERG, MATTIAS, DE  
[71] FINZELBERG, MATTIAS, DE  
[85] 2014-01-07  
[86] 2011-12-22 (PCT/EP2011/006495)  
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[30] DE (10 2011 107 443.4) 2011-07-08

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[13] A1

[51] **Int.Cl. C22B 4/06 (2006.01) C22C 18/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING A THERMOELECTRIC SOLID ELEMENT**  
[54] **PROCEDE DE PRODUCTION D'UN ELEMENT SOLIDE THERMOELECTRIQUE**  
[72] IVERSEN, BO BRUMMERSTEDT, DK  
[72] CHRISTENSEN, MOGENS, DK  
[72] YIN, HAO, DK  
[71] AARHUS UNIVERSITET, DK  
[85] 2014-01-08  
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[30] DK (PA 2011 70394) 2011-07-15

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[13] A1

[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/424 (2006.01)**  
[25] EN  
[54] **CARBOXYLIC ACID DERIVATIVES HAVING AN OXAZOLO[4,5-C]PYRIDINE RING**  
[54] **DERIVES D'ACIDE CARBOXYLIQUE CONTENANT UN CYCLE OXAZOLO-[4,5-C]-PYRIDINE**  
[72] KADEREIT, DIETER, DE  
[72] SCHAFER, MATTHIAS, DE  
[72] HACHTEL, STEPHANIE, DE  
[72] HUEBSCHLE, THOMAS, DE  
[72] HISS, KATRIN, DE  
[71] SANOFI, FR  
[85] 2014-01-07  
[86] 2012-07-06 (PCT/EP2012/063294)  
[87] (WO2013/004824)  
[30] EP (11305876.2) 2011-07-07  
[30] EP (12305524.6) 2012-05-11

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[13] A1

[51] **Int.Cl. C12H 1/22 (2006.01) G01N 21/35 (2014.01) G01N 33/14 (2006.01)**  
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[54] **MATURATION APPARATUS AND METHODS**  
[54] **APPAREIL ET PROCEDES DE MATURATION**  
[72] MALCOLM, GRAEME PETER ALEXANDER, GB  
[72] MAKER, GARETH THOMAS, GB  
[72] ROBERTSON, GORDON, GB  
[71] M SQUARED LASERS LIMITED, GB  
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[25] EN

[54] **NOVEL SULFONAMIDE COMPOUNDS FOR INHIBITION OF METASTATIC TUMOR GROWTH**

[54] **NOUVEAUX COMPOSES DE SULFONAMIDE DESTINES A L'INHIBITION DE LA CROISSANCE TUMORALE METASTATIQUE**

[72] SUPURAN, CLAUDIU, IT

[72] DEDHAR, SHOUKAT, CA

[72] MCDONALD, PAUL C., CA

[72] CARTA, FABRIZIO, IT

[71] METASIGNAL THERAPEUTICS INC., CA

[85] 2014-01-08

[86] 2011-06-22 (PCT/CA2011/000727)

[87] (WO2012/021963)

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[13] A1

[51] **Int.Cl. B01D 53/00 (2006.01) F23J 15/02 (2006.01) F25J 3/02 (2006.01)**

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[54] **HEAT INTEGRATION FOR CRYOGENIC CO2 SEPARATION**

[54] **INTEGRATION THERMIQUE POUR SEPARATION CRYOGENIQUE DE CO2**

[72] STALLMANN, OLAF, DE

[71] ALSTOM TECHNOLOGY LTD, CH

[85] 2014-01-08

[86] 2012-06-29 (PCT/IB2012/001312)

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[30] EP (11173476.0) 2011-07-11

[21] **2,841,220**  
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[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/437 (2006.01)**

[25] EN

[54] **CARBOXYLIC ACID DERIVATIVES HAVING AN OXAZOLO[5,4-B]PYRIDINE RING**

[54] **DERIVES D'ACIDE CARBOXYLIQUE CONTENANT UN CYCLE OXAZOLO-[5,4-B]-PYRIDINE**

[72] KADEREIT, DIETER, DE

[72] SCHAFFER, MATTHIAS, DE

[72] HACHTEL, STEPHANIE, DE

[72] HUEBSCHLE, THOMAS, DE

[72] HISS, KATRIN, DE

[71] SANOFI, FR

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[86] 2012-07-06 (PCT/EP2012/063297)

[87] (WO2013/004826)

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[30] EP (12305525.3) 2012-05-11

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[13] A1

[51] **Int.Cl. C25C 7/02 (2006.01)**

[25] EN

[54] **CONTACT BAR AND CAPPING BOARD FOR SUPPORTING SYMMETRICAL ELECTRODES FOR ENHANCED ELECTROLYTIC REFINING OF METALS**

[54] **BARRE DE CONTACT ET CARTE COUVRANTE DESTINES A PORTER DES ELECTRODES SYMETRIQUES POUR AMELIORER L'AFFINAGE ELECTROLYTIQUE DE METAUX**

[72] DUFRESNE, ROBERT, CA

[71] PULTRUSION TECHNIQUE INC., CA

[85] 2014-01-08

[86] 2012-07-12 (PCT/CA2012/050480)

[87] (WO2013/006977)

[30] US (61/506,701) 2011-07-12

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[51] **Int.Cl. A47K 10/38 (2006.01)**

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[54] **A DISPENSER ASSEMBLY**

[54] **ENSEMBLE DISTRIBUTEUR**

[72] CATTACIN, GILLES, FR

[72] MARIETTA-TONDIN, JULIEN, FR

[71] SCA TISSUE FRANCE, FR

[85] 2014-01-08

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[51] **Int.Cl. E21B 47/09 (2012.01) G01N 27/72 (2006.01)**

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[54] **POSITIONING METHOD**

[54] **PROCEDE DE POSITIONNEMENT**

[72] HALLUNDBAEK, JORGEN, DK

[72] FRANCKE, MATHIAS, DK

[71] WELLTEC A/S, DK

[85] 2014-01-08

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[25] EN

[54] **CARBOXYLIC ACID DERIVATIVES HAVING AN OXAZOLO[5,4-D]PYRIMIDINE RING**

[54] **DERIVES D'ACIDE CARBOXYLIQUE CONTENANT UN CYCLE OXAZOLO-[5,4-D]-PYRIMIDINE**

[72] KADEREIT, DIETER, DE

[72] SCHAFFER, MATTHIAS, DE

[72] HACHTEL, STEPHANIE, DE

[72] HUEBSCHLE, THOMAS, DE

[72] HISS, KATRIN, DE

[71] SANOFI, FR

[85] 2014-01-07

[86] 2012-07-06 (PCT/EP2012/063298)

[87] (WO2013/004827)

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[54] **MICROCINE S D'ORIGINE BACTERIENNE, UN NOUVEAU PEPTIDE ANTIMICROBIEN EFFICACE CONTRE DES MICROORGANISMES PATHOGENES, PAR EXEMPLE ESCHERICHIA COLI ENTEROHEMORRHAGIQUE (EHEC)**  
[72] GUNZER, FLORIAN, DE  
[72] ZSCHUETTIG, ANKE, DE  
[72] ZIMMERMANN, KURT, DE  
[71] SYMBOGRUPPE GMBH & CO. KG, DE  
[85] 2014-01-08  
[86] 2012-08-13 (PCT/EP2012/065804)  
[87] (WO2013/024066)  
[30] EP (11177451.9) 2011-08-12

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[13] A1

[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/52 (2006.01) A61P 9/04 (2006.01) A61P 43/00 (2006.01)**  
[25] EN  
[54] **CARBOXYLIC ACID DERIVATIVES HAVING AN OXAZOLO[4,5-C]PYRIDINE RING DERIVES D'ACIDE CARBOXYLIQUE CONTENANT UN CYCLE OXAZOLO-[4, 5-C]-PYRIDINE**  
[72] KADEREIT, DIETER, DE  
[72] SCHAFFER, MATTHIAS, DE  
[72] HACHTEL, STEPHANIE, DE  
[72] HUEBSCHLE, THOMAS, DE  
[72] HISS, KATRIN, DE  
[72] HAAG-DIERGARTEN, SILKE, DE  
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[85] 2014-01-07  
[86] 2012-07-06 (PCT/EP2012/063302)  
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[30] EP (11305879.6) 2011-07-07  
[30] EP (12305527.9) 2012-05-11

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[51] **Int.Cl. H04L 12/26 (2006.01)**  
[25] EN  
[54] **CONTROLLER DRIVEN OAM FOR OPENFLOW**  
[54] **MODULE OAM COMMANDE PAR CONTROLEUR POUR OPENFLOW**  
[72] JOCHA, DAVID, HU  
[72] KERN, ANDRAS, HU  
[71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE  
[85] 2014-01-08  
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[30] US (61/505,617) 2011-07-08  
[30] US (13/279,018) 2011-10-21

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[13] A1

[51] **Int.Cl. C01B 3/08 (2006.01) C01G 3/02 (2006.01)**  
[25] EN  
[54] **HYDROGEN PRODUCTION METHOD BY MULTI-STEP COPPER-CHLORINE THERMOCHEMICAL CYCLE**  
[54] **PROCEDE DE PRODUCTION D'HYDROGENE AU MOYEN D'UN CYCLE THERMOCHEMIQUE CUIVRE-CHLORE A PLUSIEURS ETAPES**  
[72] YADAV, GANAPATI DADASAHEB, IN  
[72] PARHAD, PRAKASH SANTOSHRAO, IN  
[72] NIRUKHE, ASHWINI GHAGAVAN, IN  
[72] PRABHU, BANTWAL NARAYANA, IN  
[72] KALE, DILIP MADHUSUDAN, IN  
[72] BHARDWAJ, ANIL, IN  
[72] THOMAS, NUZHATH JOEMAN, IN  
[72] PARVATALU, DAMARAJU, IN  
[71] INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED UNIVERSITY), IN  
[71] ONGC ENERGY CENTRE TRUST OIL AND NATURAL GAS CORPORATION LIMITED (ONGC), IN  
[85] 2014-01-08  
[86] 2012-07-09 (PCT/IN2012/000483)  
[87] (WO2013/054340)  
[30] IN (1973/MUM/2011) 2011-07-08

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[13] A1

[51] **Int.Cl. C25C 5/02 (2006.01) C25C 7/06 (2006.01)**  
[25] EN  
[54] **EFFECT OF OPERATING PARAMETERS ON THE PERFORMANCE OF ELECTROCHEMICAL CELL IN COPPER-CHLORINE CYCLE**  
[54] **EFFET DE PARAMETRES DE FONCTIONNEMENT SUR L'EFFICACITE D'UNE CELLULE ELECTROCHIMIQUE DANS UN CYCLE CUIVRE-CHLORE**  
[72] YADAV, GANAPATI DADASAHEB, IN  
[72] PARHAD, PRAKASH SANTOSHRAO, IN  
[72] NIRUKHE, ASHWINI BHAGAVAN, IN  
[71] INSTITUTE OF CHEMICAL TECHNOLOGY, IN  
[71] ONGC ENERGY CENTRE TRUST OIL AND NATURAL GAS CORPORATION LIMITED (ONGC), IN  
[85] 2014-01-08  
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[30] IN (1974/MUM/2011) 2011-07-08

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[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**  
[25] EN  
[54] **COLLECTING AND TRANSMITTING CONTROL SOURCE ELECTROMAGNETIC SIGNALS**  
[54] **COLLECTE ET TRANSMISSION DE SIGNAUX ELECTROMAGNETIQUES D'UNE SOURCE DE COMMANDE**  
[72] KALISH, ALEXANDER, US  
[71] DEEP IMAGING TECHNOLOGIES, INC., US  
[85] 2014-01-08  
[86] 2012-03-28 (PCT/US2012/030992)  
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[30] US (13/187,759) 2011-07-21

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<p style="text-align: center;">[21] <b>2,841,237</b> [13] A1</p> <p>[51] <b>Int.Cl. C07D 215/38 (2006.01) A61K 31/47 (2006.01) A61K 31/502 (2006.01) A61P 3/10 (2006.01) C07D 239/94 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>QUINOLINYL GLUCAGON RECEPTOR MODULATORS</b></p> <p>[54] <b>MODULATEURS DES RECEPTEURS DE QUINOLINYLGLUCAGON</b></p> <p>[72] DIDIUK, MARY, US</p> <p>[72] FILIPSKI, KEVIN J., US</p> <p>[72] GUZMAN-PEREZ, ANGEL, US</p> <p>[72] LEE, ESTHER C., US</p> <p>[72] PFEFFERKORN, JEFFREY A., US</p> <p>[72] STEVENS, BENJAMIN, US</p> <p>[72] TU, MEIHUA, US</p> <p>[71] PFIZER INC., US</p> <p>[85] 2014-01-08</p> <p>[86] 2012-07-12 (PCT/IB2012/053575)</p> <p>[87] (WO2013/014569)</p> <p>[30] US (61/510,582) 2011-07-22</p> <p>[30] US (61/642,077) 2012-05-03</p>	<p style="text-align: center;">[21] <b>2,841,239</b> [13] A1</p> <p>[51] <b>Int.Cl. A23L 1/30 (2006.01) A23L 1/308 (2006.01) A61K 31/702 (2006.01) A61K 35/74 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>PROBIOTIC FOR ADMINISTRATION TO HEALTHY YOUNG MAMMALS DURING THE WEANING PERIOD FOR IMPROVING TOLERANCE TO NEWLY INTRODUCED FOOD STUFFS</b></p> <p>[54] <b>PROBIOTIQUE DESTINE A ETRE ADMINISTRE A DE JEUNES MAMMIFERES EN BONNE SANTE PENDANT LA PERIODE DE SEVRAGE AFIN D'AMELIORER LEUR TOLERANCE AUX PRODUITS NOUVELLEMENT INTRODUITS DANS LEUR ALIMENTATION</b></p> <p>[72] DUNCKER, SWANTJE, CH</p> <p>[72] LEWIS, MARIE, GB</p> <p>[72] MERCENIER, ANNICK, CH</p> <p>[72] SINGH, ANURAG, CH</p> <p>[72] BAILEY, MICHAEL, GB</p> <p>[71] NESTEC S.A., CH</p> <p>[85] 2014-01-07</p> <p>[86] 2012-07-11 (PCT/EP2012/063553)</p> <p>[87] (WO2013/007742)</p> <p>[30] EP (11173567.6) 2011-07-12</p>	<p style="text-align: center;">[21] <b>2,841,241</b> [13] A1</p> <p>[51] <b>Int.Cl. A47J 31/22 (2006.01) A47J 31/06 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>PIVOTALLY CLOSING BEVERAGE INGREDIENT HOLDER WITH A LOCK</b></p> <p>[54] <b>SUPPORT D'INGREDIENT POUR BOISSON SE FERMANT PAR PIVOTEMENT ET DOTE D'UN VERROU</b></p> <p>[72] PERENTES, ALEXANDRE, CH</p> <p>[72] BONACCI, ENZO, CH</p> <p>[72] RYSER, ANTOINE, CH</p> <p>[72] COLANTONIO, JEAN-LUC, CH</p> <p>[71] NESTEC S.A., CH</p> <p>[85] 2014-01-07</p> <p>[86] 2012-07-12 (PCT/EP2012/063654)</p> <p>[87] (WO2013/007776)</p> <p>[30] EP (11173521.3) 2011-07-12</p>

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[13] A1

[51] **Int.Cl. A23K 1/16 (2006.01) A23K 1/17 (2006.01) A23K 1/175 (2006.01) A23K 1/18 (2006.01)**

[25] EN

[54] **ANIMAL SUPPLEMENTS AND COMPOSITIONS CONTAINING SOLUBLE MONENSIN AND METHODS THEREFOR**

[54] **SUPPLEMENTS ET COMPOSITIONS POUR ANIMAUX CONTENANT DU MONENSIN SOLUBLE ET PROCEDES POUR CEUX-CI**

[72] GAWLAK, JON THOMAS, US

[72] LUBETKIN, STEVEN DUFF, US

[71] ELI LILLY AND COMPANY, US

[85] 2014-01-07

[86] 2012-07-26 (PCT/US2012/048303)

[87] (WO2013/022608)

[30] US (61/515,445) 2011-08-05

[21] **2,841,243**  
[13] A1

[51] **Int.Cl. F24F 7/06 (2006.01)**

[25] EN

[54] **LOCAL AIR CLEANING APPARATUS**

[54] **DISPOSITIF DE PURIFICATION D'AIR LOCAL**

[72] SUZUKI, TAKETO, JP

[72] KAKINUMA, TOMOYUKI, JP

[72] NITTA, KOZO, JP

[72] FUJISHIRO, YUKI, JP

[72] FUKIURA, KAZUMA, JP

[72] SATO, TAKAHIRO, JP

[71] KOKEN LTD., JP

[85] 2014-01-08

[86] 2012-06-22 (PCT/JP2012/066031)

[87] (WO2013/008610)

[30] JP (2011-152338) 2011-07-08

[30] JP (2012-107029) 2012-05-08

[21] **2,841,245**  
[13] A1

[51] **Int.Cl. C10J 3/58 (2006.01) C01B 3/34 (2006.01)**

[25] EN

[54] **MOLTEN SALT ROLLING BUBBLE COLUMN, REACTORS UTILIZING SAME, AND RELATED METHODS**

[54] **COLONNE A BULLES EN CERCLE ROULANT DE TYPE SELS FONDUS, REACTEURS L'UTILISANT ET PROCEDES ASSOCIES**

[72] TURNER, TERRY D., US

[72] BENEFIEL, BRADLEY C., US

[72] BINGHAM, DENNIS N., US

[72] KLINGLER, KERRY M., US

[72] WILDING, BRUCE M., US

[71] BATTELLE ENERGY ALLIANCE, LLC, US

[85] 2014-01-08

[86] 2012-05-17 (PCT/US2012/038251)

[87] (WO2013/015865)

[30] US (13/188,202) 2011-07-21

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[13] A1

[51] **Int.Cl. G06F 13/00 (2006.01) G06F 3/08 (2006.01) G06K 19/07 (2006.01)**

[25] EN

[54] **MEMORY CARD DEVICE**

[54] **DISPOSITIF DE CARTE DE MEMOIRE**

[72] OIZUMI, HIROSHI, JP

[71] FREEBIT CO., LTD., JP

[85] 2014-01-08

[86] 2012-01-05 (PCT/JP2012/050104)

[87] (WO2012/093696)

[30] US (61/430,127) 2011-01-05

[21] **2,841,249**  
[13] A1

[51] **Int.Cl. A61K 47/42 (2006.01) C12N 5/09 (2010.01) A61K 47/48 (2006.01) A61K 49/14 (2006.01) C07K 14/00 (2006.01)**

[25] EN

[54] **SELECTIVE DELIVERY MOLECULES AND METHODS OF USE**

[54] **MOLECULES DE DELIVRANCE SELECTIVE ET PROCEDES D'UTILISATION**

[72] LIU, JUNJIE, US

[72] GONZALEZ, JESUS, US

[71] AVELAS BIOSCIENCES, INC., US

[85] 2014-01-07

[86] 2012-07-27 (PCT/US2012/048732)

[87] (WO2013/019681)

[30] US (61/513,287) 2011-07-29

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[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 9/16 (2006.01)**

[25] EN

[54] **PHOSPHATIDIC ACID PHOSPHATASE GENE**

[54] **GENE DE LA PHOSPHATASE DE L'ACIDE PHOSPHATIDIQUE**

[72] OCHIAI, MISA, JP

[71] SUNTORY HOLDINGS LIMITED, JP

[85] 2014-01-08

[86] 2012-07-27 (PCT/JP2012/069172)

[87] (WO2013/018709)

[30] JP (2011-166490) 2011-07-29

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[13] A1

[51] **Int.Cl. C10J 3/58 (2006.01) B01J 8/02 (2006.01) B01J 7/00 (2006.01) C01B 3/34 (2006.01)**

[25] EN

[54] **BELL COLUMN DOWNTUBE, REACTORS UTILIZING SAME AND RELATED METHODS**

[54] **TUBE DESCENDANT A COLONNE CLOCHE, REACTEURS UTILISANT CELUI-CI ET PROCEDES APPARENTES**

[72] TURNER, TERRY D., US

[72] BINGHAM, DENNIS N., US

[72] BENEFIEL, BRADLEY C., US

[72] KLINGLER, KERRY M., US

[72] WILDING, BRUCE M., US

[71] BATTELLE ENERGY ALLIANCE, LLC, US

[85] 2014-01-08

[86] 2012-05-17 (PCT/US2012/038260)

[87] (WO2013/012472)

[30] US (13/188,121) 2011-07-21

[21] **2,841,252**  
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01)**

[25] EN

[54] **2-PYRIDYL SUBSTITUTED IMIDAZOLES AS ALK5 AND/OR ALK4 INHIBITORS**

[54] **2-PYRIDYLIMIDAZOLES SUBSTITUES UTILISES COMME INHIBITEURS D'ALK5 ET/OU D'ALK4**

[72] LEE, JU YOUNG, KR

[72] RYU, KEUN-HO, KR

[72] KIM, JAE-SUN, KR

[72] KIM, YONG-HYUK, KR

[72] SHIN, DONG CHUL, KR

[72] LEE, BONG-YONG, KR

[72] KANG, SANG-HWAN, KR

[72] LEE, HYUN JUNG, KR

[72] JUNG, HOECHUL, KR

[72] SHIN, YOUNG AH, KR

[72] PARK, EUISUN, KR

[72] AHN, JAESEUNG, KR

[71] SK CHEMICALS CO., LTD., KR

[85] 2014-01-08

[86] 2012-07-13 (PCT/KR2012/005617)

[87] (WO2013/009140)

[30] US (61/507,305) 2011-07-13

[21] **2,841,253**  
[13] A1

[51] **Int.Cl. B27B 13/10 (2006.01) B23D 55/08 (2006.01) B23D 55/10 (2006.01) B26D 7/26 (2006.01) B27B 13/08 (2006.01)**

[25] EN

[54] **A GLIDING PART TO BE FASTENED TO A FRAME OF A SAWING DEVICE**

[54] **PIECE COULISSANTE DEVANT ETRE FIXEE SUR UN CADRE D'UN DISPOSITIF DE SCIAGE**

[72] VILJANEN, REIJO, FI

[71] VILJANEN, REIJO, FI

[85] 2014-01-07

[86] 2011-07-08 (PCT/FI2011/000035)

[87] (WO2013/017728)

[21] **2,841,254**  
[13] A1

[51] **Int.Cl. E21B 4/18 (2006.01) E21B 17/10 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR CONTROLLING TORQUE TRANSFER FROM ROTATING EQUIPMENT**

[54] **PROCEDES ET DISPOSITIFS POUR REGULER LE TRANSFERT DE COUPLE A PARTIR D'UN EQUIPEMENT ROTATIF**

[72] SURJAATMADJA, JIM B., US

[72] EAST, LOYD, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-01-08

[86] 2011-07-14 (PCT/US2011/043975)

[87] (WO2013/009312)

[21] **2,841,255**  
[13] A1

[51] **Int.Cl. B64F 1/36 (2006.01) G08B 13/191 (2006.01)**

[25] EN

[54] **CONVEYING SYSTEM FOR PIECES OF LUGGAGE, CHECK-IN SYSTEM COMPRISING SUCH A CONVEYING SYSTEM AND METHOD FOR USING SUCH A CONVEYING SYSTEM**

[54] **SYSTEME DE TRANSPORT POUR BAGAGES, SYSTEME D'ENREGISTREMENT COMPRENANT UN TEL SYSTEME DE TRANSPORT ET PROCEDE D'UTILISATION DE CE SYSTEME DE TRANSPORT**

[72] BUNKERS, MARCEL JAN CORNELIS MARIA, NL

[71] VANDERLANDE INDUSTRIES B.V., NL

[85] 2014-01-08

[86] 2012-07-06 (PCT/NL2012/050484)

[87] (WO2013/012321)

[30] NL (2007140) 2011-07-19

[21] **2,841,256**  
[13] A1

[51] **Int.Cl. B31B 1/04 (2006.01) B31B 1/96 (2006.01) B65B 41/02 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR FORMING LAMINATES WITH PATTERNED MICROWAVE ENERGY INTERACTIVE MATERIAL**

[54] **SYSTEMES ET PROCEDES DE FORMATION DE STRATIFIES AVEC UN MATERIAU INTERACTIF A ENERGIE MICRO-ONDE GRAVE**

[72] WALSH, JOSEPH C., US

[72] SINCLAIR, MARK, US

[72] SLOAT, JEFFREY T., US

[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US

[85] 2014-01-07

[86] 2012-08-02 (PCT/US2012/049273)

[87] (WO2013/019922)

[30] US (61/514,600) 2011-08-03

[30] US (61/569,919) 2011-12-13

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[21] **2,841,258**  
[13] A1

[51] **Int.Cl. F21V 3/00 (2006.01) F21V 21/002 (2006.01)**  
[25] EN  
[54] **LAMP TUBES**  
[54] **TUBES DE LAMPE**  
[72] SU, CHIA-CHING, SG  
[72] YU, YUAN-MING, SG  
[71] JUSTING TECHNOLOGY PTE. LTD., SG  
[85] 2014-01-08  
[86] 2012-07-13 (PCT/SG2012/000248)  
[87] (WO2013/009263)  
[30] TW (100213133) 2011-07-14  
[30] TW (100125250) 2011-07-14  
[30] TW (101200372) 2012-01-06  
[30] TW (101200373) 2012-01-06  
[30] CN (201220193853.8) 2012-05-02  
[30] CN (201210133522.X) 2012-05-02  
[30] CN (201220193742.7) 2012-05-02  
[30] CN (201220193702.2) 2012-05-02

[21] **2,841,260**  
[13] A1

[51] **Int.Cl. C01B 3/02 (2006.01) B01J 7/02 (2006.01) C01B 3/32 (2006.01)**  
[25] EN  
[54] **SYSTEM AND PROCESS FOR THE PRODUCTION OF SYNGAS AND FUEL GASSES**  
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE GAZ DE SYNTHESE ET COMBUSTIBLES**  
[72] BINGHAM, DENNIS N., US  
[72] KLINGLER, KERRY M., US  
[72] TURNER, TERRY D., US  
[72] WILDING, BRUCE M., US  
[72] BENEFIEL, BRADLEY C., US  
[71] BATTELLE ENERGY ALLIANCE, LLC, US  
[85] 2014-01-08  
[86] 2012-05-17 (PCT/US2012/038276)  
[87] (WO2013/012473)  
[30] US (13/188,167) 2011-07-21

[21] **2,841,263**  
[13] A1

[51] **Int.Cl. A61F 7/10 (2006.01)**  
[25] EN  
[54] **HEADWEAR FOR REMOVING HEAT FROM A PERSON'S SCALP IN ORDER TO PREVENT HAIR LOSS**  
[54] **COIFFURE DESTINEE A ELIMINER LA CHALEUR DU CUIR CHEVELU D'UNE PERSONNE EN VUE DE PREVENIR LA PERTE DES CHEVEUX**  
[72] FRONDA, CARL FRANK, GB  
[72] FRONDA, DARREN LEE, GB  
[71] FRONDA, FRANK DEREK, GB  
[71] FRONDA, CARL FRANK, GB  
[71] FRONDA, DARREN LEE, GB  
[85] 2014-01-07  
[86] 2012-06-26 (PCT/GB2012/000548)  
[87] (WO2013/007964)  
[30] GB (1111717.3) 2011-07-08

[21] **2,841,259**  
[13] A1

[51] **Int.Cl. A61H 5/00 (2006.01)**  
[25] EN  
[54] **ADJUSTABLE FLICKER RATE VISION TRAINING AND TESTING**  
[54] **ENTRAINEMENT ET TEST VISUELS A CADENCE DE PAPILOTTEMENT AJUSTABLE**  
[72] YOO, HERB, US  
[72] REICHOW, ALAN W., US  
[71] NIKE INTERNATIONAL LTD., US  
[85] 2014-01-08  
[86] 2012-07-11 (PCT/US2012/046284)  
[87] (WO2013/009893)  
[30] US (13/180,145) 2011-07-11

[21] **2,841,262**  
[13] A1

[51] **Int.Cl. A61C 17/22 (2006.01) A61C 17/34 (2006.01)**  
[25] EN  
[54] **TOOTHBRUSH AND REFILL HEAD FOR THE SAME**  
[54] **BROSSE A DENTS ET TETE DE RECHANGE ASSOCIEE**  
[72] FATTORI, JOSEPH E., US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2014-01-08  
[86] 2012-02-03 (PCT/US2012/023768)  
[87] (WO2013/009359)  
[30] US (61/506,996) 2011-07-12

[21] **2,841,264**  
[13] A1

[51] **Int.Cl. H04R 1/02 (2006.01)**  
[25] EN  
[54] **MULTI-SENSORY MANIPULATION**  
[54] **MANIPULATION MULTISENSORIELLE**  
[72] YOO, HERB, US  
[72] REICHOW, ALAN W., US  
[71] NIKE INTERNATIONAL LTD., US  
[85] 2014-01-08  
[86] 2012-07-11 (PCT/US2012/046290)  
[87] (WO2013/009899)  
[30] US (13/180,020) 2011-07-11

[21] **2,841,265**  
[13] A1

[51] **Int.Cl. A61C 17/22 (2006.01) A61C 17/34 (2006.01)**  
[25] EN  
[54] **TOOTHBRUSH AND TOOTHBRUSH HANDLE**  
[54] **BROSSE A DENTS ET POIGNEE DE Brosse A DENTS**  
[72] FATTORI, JOSEPH E., US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2014-01-08  
[86] 2012-02-03 (PCT/US2012/023779)  
[87] (WO2013/009362)  
[30] US (61/506,970) 2011-07-12

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[13] A1

[51] **Int.Cl. B65D 1/30 (2006.01) B65D 21/02 (2006.01) B65D 77/04 (2006.01) B65D 81/36 (2006.01)**  
[25] EN  
[54] **PACKAGES FOR CONSUMABLE PRODUCTS AND METHODS FOR USING SAME**  
[54] **EMBALLAGES POUR PRODUITS CONSOMMABLES ET LEURS PROCEDES D'UTILISATION**  
[72] WILMERS, KIMBERLY ANN, US  
[72] O'CONNOR, CLARA ELEANOR GRAINNE, SE  
[72] WURTH, STEPHEN ANDREW, US  
[72] GASPERSON, BETHANIE LYNN, US  
[72] KIM, KI SUN, US  
[72] JAMES, THOMAS, US  
[71] NESTEC S.A., CH  
[85] 2014-01-08  
[86] 2012-07-10 (PCT/US2012/046029)  
[87] (WO2013/009732)  
[30] US (61/507,101) 2011-07-12

[21] **2,841,267**  
[13] A1

[51] **Int.Cl. G06Q 20/32 (2012.01)**  
[25] EN  
[54] **METHOD OF CONDUCTING FINANCIAL TRANSACTIONS PROCEDE PERMETTANT D'EFFECTUER DES TRANSACTIONS FINANCIERES**  
[54] **SYSTEMES ET PROCEDES POUR BALISES SANS FIL CONTENANT PEU DE DONNEES GENERALES ET COMPRENANT DES INDICATIONS DE BALISE PLEINE SUIVANTE**  
[72] DORSEY, JACK, US  
[72] HENDERSON, WILLIAM, US  
[72] GRASSADONIA, BRIAN, US  
[72] MCKELVEY, JAMES M., US  
[72] NIEDERMEYER, BRIAN JOSEPH, US  
[71] SQUARE, INC., US  
[85] 2014-01-08  
[86] 2012-07-11 (PCT/US2012/046282)  
[87] (WO2013/009891)  
[30] US (13/179,836) 2011-07-11  
[30] US (13/179,832) 2011-07-11  
[30] US (13/192,147) 2011-07-27

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[13] A1

[51] **Int.Cl. B32B 27/32 (2006.01) C08L 23/10 (2006.01)**  
[25] EN  
[54] **MULTI-LAYER FILMS HAVING IMPROVED SEALING PROPERTIES**  
[54] **FILMS MULTICOUCHE PRESENTANT DES PROPRIETES D'ETANCHEITE AMELIOREES**  
[72] LU, PANG-CHIA, US  
[72] CRETEKOS, GEORGE F., US  
[71] EXXONMOBIL OIL CORPORATION, US  
[85] 2014-01-08  
[86] 2012-05-31 (PCT/US2012/040154)  
[87] (WO2013/009403)  
[30] US (61/505,733) 2011-07-08

[21] **2,841,270**  
[13] A1

[51] **Int.Cl. H04W 28/06 (2009.01) H04W 88/08 (2009.01)**  
[25] EN  
[54] **METHODS AND APPARATUSES FOR LOW-OVERHEAD WIRELESS BEACONS HAVING NEXT FULL BEACON TIME INDICATIONS**  
[54] **SYSTEMES ET PROCEDES POUR BALISES SANS FIL CONTENANT PEU DE DONNEES GENERALES ET COMPRENANT DES INDICATIONS DE BALISE PLEINE SUIVANTE**  
[72] ABRAHAM, SANTOSH PAUL, US  
[72] FREDERIKS, GUIDO ROBERT, US  
[72] MERLIN, SIMONE, US  
[72] WENTINK, MAARTEN MENZO, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2014-01-08  
[86] 2012-07-10 (PCT/US2012/046108)  
[87] (WO2013/009775)  
[30] US (61/506,136) 2011-07-10  
[30] US (61/531,522) 2011-09-06  
[30] US (61/549,638) 2011-10-20  
[30] US (61/568,075) 2011-12-07  
[30] US (61/578,027) 2011-12-20  
[30] US (61/583,890) 2012-01-06  
[30] US (61/584,174) 2012-01-06  
[30] US (61/585,044) 2012-01-10  
[30] US (61/596,106) 2012-02-07  
[30] US (61/596,775) 2012-02-09  
[30] US (61/606,175) 2012-03-02  
[30] US (61/618,966) 2012-04-02  
[30] US (61/620,869) 2012-04-05  
[30] US (13/544,897) 2012-07-09

[21] **2,841,271**  
[13] A1

[51] **Int.Cl. B65B 31/00 (2006.01)**  
[25] EN  
[54] **TIRE SEALANT DELIVERY SYSTEM**  
[54] **SYSTEME D'INTRODUCTION D'AGENT D'ETANCHEITE DE PNEUMATIQUE**  
[72] ZALZALAH, JAMES H., US  
[71] PLEWS, INC., US  
[85] 2014-01-08  
[86] 2012-07-12 (PCT/US2012/046367)  
[87] (WO2013/009939)  
[30] US (13/181,196) 2011-07-12

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[21] **2,841,272**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/665 (2006.01) A61K 31/7036 (2006.01)**  
[25] EN  
[54] **FORMULATIONS OF AMIKACIN AND FOSFOMYCIN COMBINATIONS AND METHODS AND SYSTEMS FOR TREATMENT OF VENTILATOR ASSOCIATED PNEUMONIA (VAP) AND VENTILATOR ASSOCIATED TRACHEAL (VAT) BRONCHITIS**  
[54] **FORMULATIONS DE COMBINAISONS D'AMIKACINE ET DE FOSFOMYCINE ET PROCEDES ET SYSTEMES POUR LE TRAITEMENT DE LA PNEUMONIE ASSOCIEE AU VENTILATEUR (PAV) ET DE LA TRACHEOBRONCHITE ASSOCIEE AU VENTILATEUR (TAV)**  
[72] MONTGOMERY, ALAN BRUCE, US  
[71] CARDEAS PHARMA INC., US  
[85] 2014-01-08  
[86] 2012-07-12 (PCT/US2012/046559)  
[87] (WO2013/010041)  
[30] US (61/572,225) 2011-07-12

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[21] **2,841,291**  
[13] A1

[51] **Int.Cl. B22D 11/00 (2006.01)**  
[25] FR  
[54] **MULTI-ALLOY VERTICAL SEMI-CONTINUOUS CASTING METHOD**  
[54] **PROCEDE DE COULEE SEMI-CONTINUE VERTICALE MULTI-ALLIAGES**  
[72] JARRY, PHILIPPE, FR  
[72] GUY, SERGE, FR  
[71] CONSTELLIUM FRANCE, FR  
[85] 2014-01-08  
[86] 2012-07-10 (PCT/FR2012/000280)  
[87] (WO2013/007891)  
[30] FR (1102197) 2011-07-12

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[21] **2,841,294**  
[13] A1

[51] **Int.Cl. A61M 29/00 (2006.01) A61B 17/00 (2006.01)**  
[25] EN  
[54] **IMPLANTABLE PROSTHESIS FOR FISTULA REPAIR**  
[54] **PROTHESE IMPLANTABLE POUR LA REPARATION D'UNE FISTULE**  
[72] KULLAS, KAREN E., US  
[72] HAMLIN, TAMI L., US  
[71] C.R. BARD, INC., US  
[85] 2014-01-07  
[86] 2011-07-08 (PCT/US2011/043320)  
[87] (WO2013/009281)

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[21] **2,841,297**  
[13] A1

[51] **Int.Cl. C25C 3/08 (2006.01) C25C 3/16 (2006.01)**  
[25] FR  
[54] **ALUMINUM SMELTER INCLUDING CELLS HAVING A CATHODE OUTLET THROUGH THE BASE OF THE CASING, AND A MEANS FOR STABILIZING THE CELLS**  
[54] **ALUMINERIE COMPRENANT DES CUVES A SORTIE CATHODIQUE PAR LE FOND DU CAISSON ET DES MOYENS DE STABILISATION DES CUVES**  
[72] MARTIN, OLIVIER, FR  
[72] RENAUDIER, STEEVE, FR  
[72] BARDET, BENOIT, FR  
[72] DUVAL, CHRISTIAN, FR  
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA  
[85] 2014-01-08  
[86] 2012-07-10 (PCT/FR2012/000281)  
[87] (WO2013/007892)  
[30] FR (11/02199) 2011-07-12

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[21] **2,841,298**  
[13] A1

[51] **Int.Cl. A61F 2/12 (2006.01)**  
[25] EN  
[54] **IMPLANTABLE PROSTHESIS FOR RECONSTRUCTION OF AN ANATOMICAL FEATURE**  
[54] **PROTHESE IMPLANTABLE POUR LA RECONSTRUCTION D'UN ELEMENT ANATOMIQUE**  
[72] KULLAS, KAREN E., US  
[72] HAMLIN, TAMI L., US  
[71] C.R. BARD, INC., US  
[85] 2014-01-07  
[86] 2011-07-08 (PCT/US2011/043332)  
[87] (WO2013/009282)

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[21] **2,841,300**  
[13] A1

[51] **Int.Cl. C25C 3/08 (2006.01) C25C 3/16 (2006.01) C25C 3/20 (2006.01)**  
[25] FR  
[54] **ALUMINIUM SMELTER COMPRISING ELECTRICAL CONDUCTORS MADE FROM A SUPERCONDUCTING MATERIAL**  
[54] **ALUMINERIE COMPRENANT DES CONDUCTEURS ELECTRIQUES EN MATERIAU SUPRACONDUCTEUR**  
[72] DUVAL, CHRISTIAN, FR  
[72] RENAUDIER, STEEVE, FR  
[72] BARDET, BENOIT, FR  
[72] MARTIN, OLIVIER, FR  
[72] WAN TANG KUAN, STEPHANE, FR  
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA  
[85] 2014-01-08  
[86] 2012-07-10 (PCT/FR2012/000282)  
[87] (WO2013/007893)  
[30] FR (11/02198) 2011-07-12  
[30] FR (11/02199) 2011-07-12

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[21] **2,841,302**  
[13] A1

[51] **Int.Cl. G01V 1/40 (2006.01)**  
[25] EN  
[54] **CROSS-COUPLING BASED DETERMINATION OF ANISOTROPIC FORMATION PROPERTIES**  
[54] **DETERMINATION A BASE DE COUPLAGE CROISE DE PROPRIETES ANISOTROPES DE FORMATIONS**  
[72] WU, DAGANG, US  
[72] SAN MARTIN, LUIS E., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-01-07  
[86] 2011-07-26 (PCT/US2011/045350)  
[87] (WO2013/015789)

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[21] **2,841,303**  
[13] A1

[51] **Int.Cl. G10L 19/02 (2013.01)**  
[25] FR  
[54] **ADAPTATIONS OF ANALYSIS OR SYNTHESIS WEIGHTING WINDOWS FOR TRANSFORM CODING OR DECODING**

[54] **ADAPTATIONS DE FENETRES DE PONDERATION D'ANALYSE OU DE SYNTHESE POUR UN CODAGE OU DECODAGE PAR TRANSFORMEE**

[72] FAURE, JULIEN, FR  
[72] PHILIPPE, PIERRICK, FR  
[71] ORANGE, FR  
[85] 2014-01-08  
[86] 2012-07-09 (PCT/FR2012/051622)  
[87] (WO2013/007943)  
[30] FR (1156356) 2011-07-12

[21] **2,841,305**  
[13] A1

[51] **Int.Cl. F16B 39/10 (2006.01)**  
[25] FR  
[54] **ANTI-ROTATION DEVICE FOR A LARGE-SIZE NUT**

[54] **DISPOSITIF D'ANTI-ROTATION POUR ECROU DE GRANDE TAILLE**

[72] GIGNOUX, HERVE, FR  
[72] JOLY, PHILIPPE GERARD EDMOND, FR  
[72] THORY, ROMAIN JEAN-LOUIS ROBERT, FR  
[71] SNECMA, FR  
[85] 2014-01-08  
[86] 2012-07-13 (PCT/FR2012/051671)  
[87] (WO2013/014359)  
[30] FR (1156707) 2011-07-22

[21] **2,841,307**  
[13] A1

[51] **Int.Cl. B01D 21/01 (2006.01) B01D 21/00 (2006.01) B01D 25/12 (2006.01) B01D 33/15 (2006.01) B01D 33/27 (2006.01) C02F 11/12 (2006.01)**

[25] EN  
[54] **NOVEL INJECTION FLOCCULATION AND COMPRESSION DEWATERING UNIT FOR SOLIDS CONTROL AND MANAGEMENT OF DRILLING FLUIDS AND METHODS RELATING THERETO**

[54] **NOUVELLE UNITE DE DESHYDRATATION PAR INJECTION DE FLOCCULATION ET COMPRESSION POUR LA COMMANDE DE LA GESTION DES SOLIDES DE FLUIDE DE FORAGE, ET PROCEDES CORRESPONDANTS**

[72] LANDIS, CHARLES R., US  
[72] WOODS, ROGER H., CA  
[72] COLLINS, RYAN P., US  
[72] ANDERSON, EDWARD, US  
[72] DONALD, DAVID W., US  
[72] PULLMAN, DOUGLAS H., CA  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[71] ROGER H. WOODS LIMITED, CA  
[85] 2014-01-07  
[86] 2012-06-18 (PCT/US2012/042876)  
[87] (WO2013/009435)  
[30] US (13/180,186) 2011-07-11

[21] **2,841,308**  
[13] A1

[51] **Int.Cl. C12N 5/00 (2006.01) C12M 3/00 (2006.01) G01N 33/50 (2006.01)**

[25] FR  
[54] **MICROSTRUCTURED ADHESION SUBSTRATE FOR ANIMAL OR HUMAN CELLS**

[54] **SUPPORT D'ADHESION MICROSTRUCTURE DE CELLULES ANIMALES OU HUMAINES**

[72] BALLAND, MARTIAL, FR  
[72] MANDAL, KALPANA, IN  
[72] BUREAU, LIONEL, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] UNIVERSITE JOSEPH FOURIER, FR  
[85] 2014-01-08  
[86] 2012-07-24 (PCT/FR2012/051755)  
[87] (WO2013/014389)  
[30] FR (1156814) 2011-07-26

[21] **2,841,313**  
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 51/08 (2006.01)**

[25] EN  
[54] **SUGAR ALCOHOL-BASED CROSSLINKING REAGENTS, MACROMOLECULES, THERAPEUTIC BIOCONJUGATES, AND SYNTHETIC METHODS THEREOF**

[54] **NOUVEAUX REACTIFS DE RETICULATION, NOUVELLES MACROMOLECULES, NOUVEAUX CONJUGUES THERAPEUTIQUES, ET PROCEDES DE SYNTHESE ASSOCIES**

[72] HUANG, YUMEI, US  
[71] CELLMOSAIC, LLC, US  
[85] 2014-01-08  
[86] 2012-07-18 (PCT/US2012/047255)  
[87] (WO2013/012961)  
[30] US (61/509,296) 2011-07-19

[21] **2,841,315**  
[13] A1

[51] **Int.Cl. B64C 29/00 (2006.01) B64C 3/10 (2006.01) B64C 13/18 (2006.01) B64C 27/57 (2006.01) B64D 27/24 (2006.01)**

[25] EN  
[54] **PERSONAL AIRCRAFT**

[54] **AVION PERSONNEL**

[72] KROO, ILAN, US  
[71] ZEE.AERO INC., US  
[85] 2014-01-08  
[86] 2012-07-19 (PCT/US2012/047467)  
[87] (WO2013/013084)  
[30] US (61/509,530) 2011-07-19

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[21] **2,841,319**  
[13] A1

[51] **Int.Cl. G07C 5/08 (2006.01) G05B 23/02 (2006.01) G06F 11/07 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR MANAGING FAULT CODES**  
[54] **SYSTEMES ET PROCEDES DE GESTION DE CODES DE PANNE**  
[72] OLSEN, JOHN A., III, US  
[72] BRADLEY, DAVID L., US  
[72] HENDRIX, MATTHEW S., US  
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US  
[85] 2014-01-08  
[86] 2012-07-26 (PCT/US2012/048401)  
[87] (WO2013/016576)  
[30] US (61/511,660) 2011-07-26

[21] **2,841,325**  
[13] A1

[51] **Int.Cl. B65B 21/02 (2006.01) B65B 5/06 (2006.01) B65B 27/04 (2006.01) B65B 41/02 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR FORMING A CARTON**  
[54] **APPAREIL ET PROCEDE PERMETTANT DE FORMER UN CARTON**  
[72] MAY, KEVIN T., US  
[72] ZIEGLER, KELLY, US  
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US  
[85] 2014-01-08  
[86] 2012-08-20 (PCT/US2012/051551)  
[87] (WO2013/028602)  
[30] US (61/575,354) 2011-08-19

[21] **2,841,333**  
[13] A1

[51] **Int.Cl. B21C 23/00 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PRODUCING SHEAR DEFORMATION**  
[54] **APPAREIL ET PROCEDE POUR PRODUIRE UNE DEFORMATION EN CISAILLEMENT**  
[72] THOMSON, PETER, AU  
[72] MATTIEVICH, SILVIO, AU  
[72] SANDLIN, JAMES, AU  
[71] CECAP PTY LTD, AU  
[85] 2014-01-09  
[86] 2012-07-11 (PCT/AU2012/000833)  
[87] (WO2013/006910)  
[30] AU (2011902763) 2011-07-11

[21] **2,841,322**  
[13] A1

[51] **Int.Cl. B65D 71/16 (2006.01) B65D 71/20 (2006.01)**  
[25] EN  
[54] **PACKAGE FOR CONTAINERS**  
[54] **EMBALLAGE POUR RECIPIENTS**  
[72] SPIVEY, RAYMOND R., SR., US  
[72] GOMES, JEAN-MANUEL, US  
[72] FORD, COLIN P., US  
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US  
[85] 2014-01-08  
[86] 2012-08-02 (PCT/US2012/049272)  
[87] (WO2013/022687)  
[30] US (61/574,654) 2011-08-05

[21] **2,841,327**  
[13] A1

[51] **Int.Cl. B01D 21/01 (2006.01) B01D 21/00 (2006.01) B01D 25/12 (2006.01) C02F 11/12 (2006.01)**  
[25] EN  
[54] **NOVEL INJECTION FLOCCULATION AND COMPRESSION DEWATERING UNIT FOR SOLIDS CONTROL AND MANAGEMENT OF DRILLING FLUIDS AND METHODS RELATING THERETO**  
[54] **NOUVELLE UNITE DE FLOCCULATION PAR INJECTION ET D'ASSECHEMENT PAR COMPRESSION POUR LA MAITRISE DE LA TENEUR EN MATIERES SOLIDES ET LA GESTION DE FLUIDES DE FORAGE ET PROCEDES S'Y RAPPORANT**  
[72] LANDIS, CHARLES R., US  
[72] WOODS, ROGER H., CA  
[72] PULLMAN, DOUGLAS H., CA  
[72] COLLINS, RYAN P., US  
[72] ANDERSON, EDWARD, US  
[72] DONALD, DAVID W., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[71] ROGER H. WOODS LIMITED, CA  
[85] 2014-01-07  
[86] 2012-06-18 (PCT/US2012/042895)  
[87] (WO2013/009437)  
[30] US (13/180,224) 2011-07-11

[21] **2,841,334**  
[13] A1

[51] **Int.Cl. H04L 27/00 (2006.01) G01S 19/01 (2010.01)**  
[25] EN  
[54] **METHOD FOR MODULATING NAVIGATION SIGNAL**  
[54] **PROCEDE DE MODULATION DE SIGNAL DE NAVIGATION**  
[72] TANG, ZUPING, CN  
[72] WEI, JIAOLONG, CN  
[72] YAN, TAO, CN  
[71] HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, CN  
[85] 2014-01-09  
[86] 2012-03-27 (PCT/CN2012/073075)  
[87] (WO2012/139458)  
[30] CN (201110094974.7) 2011-04-15

[21] **2,841,324**  
[13] A1

[51] **Int.Cl. B65D 71/32 (2006.01) B65D 5/46 (2006.01) B65D 5/54 (2006.01) B65D 71/34 (2006.01)**  
[25] EN  
[54] **CARTON WITH HANDLE**  
[54] **CARTON DOTE D'UNE POIGNEE**  
[72] SUTHERLAND, ROBERT L., US  
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US  
[85] 2014-01-08  
[86] 2012-08-17 (PCT/US2012/051313)  
[87] (WO2013/028504)  
[30] US (61/575,346) 2011-08-19

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[21] **2,841,335**  
[13] A1

[51] **Int.Cl. G01N 33/53 (2006.01) C40B 30/04 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE**

[54] **METHODES ET COMPOSITIONS UTILISABLES EN VUE DU DIAGNOSTIC ET DU PRONOSTIC D'UNE LESION ET D'UNE INSUFFISANCE RENALES**

[72] ANDERBERG, JOSEPH, US  
[72] GRAY, JEFF, US  
[72] MCPHERSON, PAUL, US  
[72] NAKAMURA, KEVIN, US  
[72] KAMPF, JAMES PATRICK, US  
[71] ASTUTE MEDICAL, INC., US  
[85] 2014-01-09  
[86] 2012-07-05 (PCT/US2012/045581)  
[87] (WO2013/009572)  
[30] US (61/506,035) 2011-07-09

[21] **2,841,336**  
[13] A1

[51] **Int.Cl. A61L 27/06 (2006.01) A61L 27/12 (2006.01) A61L 27/18 (2006.01)**

[25] FR

[54] **COMPOSITE PART FOR ENDOSSEOUS IMPLANTATION, AND METHOD FOR MANUFACTURING SUCH A PART**

[54] **PIECE COMPOSITE POUR IMPLANTATION ENDO-OSSEUSE ET PROCEDE DE FABRICATION D'UNE TELLE PIECE**

[72] COUGOULIC, JEAN-PIERRE, FR  
[71] CADOREL, CATHERINE, FR  
[85] 2014-01-09  
[86] 2011-07-13 (PCT/EP2011/062011)  
[87] (WO2012/007535)

[21] **2,841,338**  
[13] A1

[51] **Int.Cl. A23K 1/16 (2006.01) A23K 1/18 (2006.01)**

[25] EN

[54] **PALATABILITY ENHANCERS COMPRISING FREE AMINO ACIDS FOR USE IN PET FOODS**

[54] **EXHAUSTEURS DE GOUT COMPRENANT DES ACIDES AMINES LIBRES DESTINES A ETRE UTILISES DANS L'ALIMENTATION POUR ANIMAUX DE COMPAGNIE**

[72] NICERON, CECILE, FR  
[72] LEVESQUE, ANNE, FR  
[72] MICHEL-SALAUN, FRANCOISE, FR  
[71] SPECIALITES PET FOOD, FR  
[85] 2014-01-09  
[86] 2012-07-06 (PCT/EP2012/063267)  
[87] (WO2013/007639)  
[30] EP (11305908.3) 2011-07-12  
[30] US (61/506,932) 2011-07-12

[21] **2,841,339**  
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**

[25] EN

[54] **UMBILICAL HERNIA PROSTHESIS**

[54] **PROTHESE POUR HERNIE OMBILICALE**

[72] BAILLY, PIERRE, FR  
[72] ROMUALD, GAETAN, FR  
[71] SOFRADIM PRODUCTION, FR  
[85] 2014-01-09  
[86] 2012-06-29 (PCT/EP2012/062671)  
[87] (WO2013/007534)  
[30] FR (11/56426) 2011-07-13

[21] **2,841,341**  
[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**

[25] EN

[54] **UMBILICAL HERNIA PROSTHESIS**

[54] **PROTHESE POUR HERNIE OMBILICALE**

[72] BAILLY, PIERRE, FR  
[72] ROMUALD, GAETAN, FR  
[71] SOFRADIM PRODUCTION, FR  
[85] 2014-01-09  
[86] 2012-06-29 (PCT/EP2012/062672)  
[87] (WO2013/007535)  
[30] FR (11/56425) 2011-07-13

[21] **2,841,342**  
[13] A1

[51] **Int.Cl. G06F 3/033 (2013.01) G06F 3/043 (2006.01)**

[25] EN

[54] **A DIRECTIONAL ULTRASOUND TRANSMITTING STYLUS**

[54] **STYLET DE TRANSMISSION DIRECTIONNELLE D'ULTRASONS**

[72] DING, YAO, US  
[72] HAREL, JACOB, US  
[71] LUIDIA INC., US  
[85] 2014-01-09  
[86] 2012-07-09 (PCT/US2012/045940)  
[87] (WO2013/009693)  
[30] US (61/507,084) 2011-07-12

[21] **2,841,343**  
[13] A1

[51] **Int.Cl. A47J 31/22 (2006.01) A47J 31/06 (2006.01)**

[25] EN

[54] **PIVOTALLY CLOSING BEVERAGE INGREDIENT HOLDER WITH PIERCER**

[54] **SUPPORT D'INGREDIENT POUR BOISSON SE FERMANT PAR PIVOTEMENT ET DOTE D'UN DISPOSITIF DE PERCAGE**

[72] PERENTES, ALEXANDRE, CH  
[72] BONACCI, ENZO, CH  
[72] CAPROTTI, PATRICK, CH  
[72] GUNSTONE, ANDREW, CH  
[71] NESTEC S.A., CH  
[85] 2014-01-09  
[86] 2012-07-12 (PCT/EP2012/063659)  
[87] (WO2013/007779)  
[30] EP (11173523.9) 2011-07-12

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[21] **2,841,345**  
[13] A1

[51] **Int.Cl. C09K 3/32 (2006.01) C02F 1/68 (2006.01)**

[25] EN

[54] **OIL EMULSIFICATION AND POLYCYCLIC AROMATIC HYDROCARBON ADSORPTION USING FINE PARTICLES AS DISPERSANTS**

[54] **EMULSIFICATION DE PETROLE ET ADSORPTION D'HYDROCARBURES POLYCYCLIQUES AROMATIQUES A L'AIDE DE FINES PARTICULES SERVANT DE DISPERSANTS**

[72] BOSE, ARIJIT, US  
[72] JOHN, VIJAY T., US  
[72] NIKOVA, ANI TZANKOVA, US  
[71] CABOT CORPORATION, US  
[71] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US

[85] 2014-01-09  
[86] 2012-07-10 (PCT/US2012/046057)  
[87] (WO2013/009744)  
[30] US (61/506,532) 2011-07-11

[21] **2,841,346**  
[13] A1

[51] **Int.Cl. C07K 1/18 (2006.01) B01J 20/26 (2006.01) B01J 20/28 (2006.01) B01J 20/32 (2006.01) B01J 39/04 (2006.01) B01J 39/18 (2006.01) B01J 39/20 (2006.01) B01J 47/00 (2006.01)**

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[54] **ION-EXCHANGER MATERIAL OF HIGH SALT TOLERANCE**

[54] **MATERIAU ECHANGEUR D'IONS A TOLERANCE ELEVEE AU SEL**

[72] ARENDT, MARKUS, DE  
[72] STUMM, GERHARD, DE  
[72] WELTER, MARTIN, DE  
[72] SCHWARZ, THOMAS, DE  
[71] INSTRUCTION GMBH, DE

[85] 2014-01-09  
[86] 2012-07-12 (PCT/EP2012/063729)  
[87] (WO2013/007799)  
[30] DE (10 2011 107 197.4) 2011-07-13  
[30] DE (10 2011 111 044.9) 2011-08-19

[21] **2,841,347**  
[13] A1

[51] **Int.Cl. H02J 3/14 (2006.01) H02J 13/00 (2006.01)**

[25] FR

[54] **MEASUREMENT AND MODULATION IN REAL TIME OF THE ELECTRICAL CONSUMPTION OF A PLURALITY OF ELECTRICAL APPLIANCES**

[54] **MESURE ET MODULATION EN TEMPS REEL DE LA CONSOMMATION ELECTRIQUE D'UNE PLURALITE D'APPAREILS ELECTRIQUES**

[72] HEINTZ, BRUNO, FR  
[72] OURY, JEAN-MARC, FR  
[72] LEFEBVRE DE SAINT GERMAIN, HUGUES, FR

[72] BIVAS, PIERRE, FR  
[72] BINEAU, MATHIEU, FR  
[71] VOLTALIS, FR

[85] 2014-01-09  
[86] 2012-07-03 (PCT/FR2012/051536)  
[87] (WO2013/011221)  
[30] FR (1156528) 2011-07-19

[21] **2,841,349**  
[13] A1

[51] **Int.Cl. A21D 10/04 (2006.01) A21C 1/00 (2006.01) A21D 8/02 (2006.01)**

[25] EN

[54] **METHOD FOR PRODUCTION OF BREAD FROM AERATED DOUGH**

[54] **PROCEDE DE FABRICATION DE PAIN A PARTIR DE PATE BATTUE**

[72] EVSEEV, NIKOLAY VLADIMIROVICH, RU  
[71] EVSEEV, NIKOLAY VLADIMIROVICH, RU

[85] 2014-01-09  
[86] 2012-07-24 (PCT/RU2012/000603)  
[87] (WO2013/019148)  
[30] RU (2011132372) 2011-08-02

[21] **2,841,350**  
[13] A1

[51] **Int.Cl. A47J 31/40 (2006.01) A23G 9/04 (2006.01) A23G 9/30 (2006.01) A47J 31/44 (2006.01) A47J 31/60 (2006.01)**

[25] EN

[54] **BEVERAGE PRODUCTION MACHINE AND METHOD**

[54] **MACHINE ET PROCEDE DE PRODUCTION DE BOISSON**

[72] GUIDORZI, SARA, IT  
[72] RICCO, MASSIMILIANO, IT  
[72] UGOLINI, MARCO CORRADO, IT  
[71] NESTEC S.A., CH

[85] 2014-01-09  
[86] 2012-07-19 (PCT/EP2012/064138)  
[87] (WO2013/011078)  
[30] IT (MI2011A001337) 2011-07-19  
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[21] **2,841,351**  
[13] A1

[51] **Int.Cl. A61M 39/00 (2006.01) F16L 25/10 (2006.01)**

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[54] **LUER CONNECTORS**

[54] **RACCORDS LUER**

[72] COLMAN, JOSHUA LEWIS, IL  
[71] ORIDION MEDICAL 1987 LTD., IL

[85] 2014-01-09  
[86] 2012-12-12 (PCT/IL2012/050520)  
[87] (WO2013/088439)  
[30] US (61/569,822) 2011-12-13

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[13] A1

[51] **Int.Cl. G01N 21/55 (2014.01) G01M 3/38 (2006.01)**

[25] EN

[54] **OPTICS SENSOR STRUCTURE FOR DETECTING WATER OR OIL LEAKAGE INSIDE A CONSERVATOR HAVING A BLADDER OR MEMBRANE**

[54] **STRUCTURE DE CAPTEUR OPTIQUE POUR DETECTER UNE FUITE D'EAU OU D'HUILE A L'INTERIEUR D'UN CONSERVATEUR AYANT UNE VESSIE OU MEMBRANE**

[72] CHEIM, LUIZ A.V, US  
[71] ABB TECHNOLOGY AG, CH

[85] 2014-01-09  
[86] 2012-07-02 (PCT/US2012/045183)  
[87] (WO2013/009507)  
[30] US (61/506,213) 2011-07-11

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[13] A1

[51] **Int.Cl. A01N 43/56 (2006.01) A01N 43/22 (2006.01) A01N 43/707 (2006.01) A01N 51/00 (2006.01) A01P 7/04 (2006.01)**

[25] EN

[54] **ARTHROPOD PEST CONTROL COMPOSITION AND METHOD FOR CONTROLLING ARTHROPOD PESTS**

[54] **COMPOSITION ET PROCEDE DE LUTTE CONTRE LES ARTHROPODES NUISIBLES**

[72] OGAWA, MASAOMI, JP

[72] HIROTOMI, YUKIE, JP

[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP

[85] 2014-01-09

[86] 2012-07-12 (PCT/JP2012/068402)

[87] (WO2013/008949)

[30] JP (2011-155104) 2011-07-13

[21] **2,841,354**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**

[25] EN

[54] **CLUSTERING A USER'S CONNECTIONS IN A SOCIAL NETWORKING SYSTEM**

[54] **GROUPAGE DES CONNEXIONS D'UN UTILISATEUR DANS UN SYSTEME DE RESEAU SOCIAL**

[72] JUAN, YUN-FANG, US

[72] HUA, MING, US

[71] FACEBOOK, INC., US

[85] 2014-01-09

[86] 2012-07-03 (PCT/US2012/045456)

[87] (WO2013/009546)

[30] US (13/179,547) 2011-07-10

[21] **2,841,355**  
[13] A1

[51] **Int.Cl. A63F 5/00 (2006.01)**

[25] EN

[54] **HOLDING DEVICE FOR A ROULETTE WHEEL**

[54] **DISPOSITIF DE FIXATION POUR UN CAISSON DE ROULETTE**

[72] KULHANEK, CHRISTIAN, AT

[71] NOVOMATIC AG, AT

[85] 2014-01-10

[86] 2012-07-13 (PCT/AT2012/000189)

[87] (WO2013/010196)

[30] AT (A 1052/2011) 2011-07-15

[21] **2,841,356**  
[13] A1

[51] **Int.Cl. A61K 39/125 (2006.01) A61K 9/14 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01)**

[25] EN

[54] **PARENTERAL NOROVIRUS VACCINE FORMULATIONS**

[54] **FORMULATIONS DE VACCIN PARENTERAL CONTRE UN NOROVIRUS**

[72] RICHARDSON, CHARLES, US

[72] BARGATZE, ROBERT F., US

[72] MENDELMAN, PAUL M., US

[71] TAKEDA VACCINES, INC., US

[85] 2014-01-09

[86] 2012-07-11 (PCT/US2012/046222)

[87] (WO2013/009849)

[30] US (61/506,447) 2011-07-11

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[13] A1

[51] **Int.Cl. G07C 3/00 (2006.01) B05B 11/00 (2006.01) G06K 19/07 (2006.01)**

[25] EN

[54] **DISPENSER USE MONITOR**

[54] **DISPOSITIF DE SURVEILLANCE D'UTILISATION DE DISTRIBUTEUR**

[72] WEGELIN, JACKSON W., US

[72] ARCHER, MATTHEW J., US

[72] CIAVARELLA, NICK E., US

[72] GANNON, DEIRDRE, US

[71] GOJO INDUSTRIES, INC., US

[85] 2014-01-07

[86] 2012-06-20 (PCT/US2012/043334)

[87] (WO2013/009445)

[30] US (61/506,376) 2011-07-11

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[13] A1

[51] **Int.Cl. A61K 31/4164 (2006.01) A61K 9/08 (2006.01) A61P 1/00 (2006.01) A61P 1/16 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS FOR RECTAL ADMINISTRATION**

[54] **COMPOSITIONS PHARMACEUTIQUES POUR ADMINISTRATION RECTALE**

[72] ARMSTRONG, DAVID NIGEL, US

[71] S.L.A. PHARMA AG, CH

[85] 2014-01-09

[86] 2012-07-12 (PCT/US2012/046395)

[87] (WO2013/012662)

[30] US (61/508,120) 2011-07-15

[21] **2,841,360**  
[13] A1

[51] **Int.Cl. A61F 2/06 (2013.01)**

[25] EN

[54] **DRUG DELIVERY MEDICAL DEVICE**

[54] **DISPOSITIF MEDICAL D'ADMINISTRATION DE MEDICAMENT**

[72] MCCLAIN, JAMES B., US

[72] TAYLOR, CHARLES DOUGLAS, US

[72] ZANI, BRETT G., US

[72] NEET, JOHN, US

[72] KIROPES, TIMOTHY CHARLES, US

[71] MICELL TECHNOLOGIES, INC., US

[85] 2014-01-09

[86] 2012-07-12 (PCT/US2012/046545)

[87] (WO2013/012689)

[30] US (61/508,490) 2011-07-15

[30] US (61/548,650) 2011-10-18

[30] US (61/581,544) 2011-12-29

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[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/522 (2006.01) A61P 11/06 (2006.01) A61P 37/08 (2006.01)**

[25] EN

[54] **COMPOSITION**

[54] **COMPOSITION**

[72] AMBERY, CLAIRE LOUISE, GB

[72] EDWARDS, CHRISTOPHER DAVID, GB

[71] GLAXOSMITHKLINE LLC, US

[85] 2014-01-09

[86] 2012-07-19 (PCT/EP2012/064139)

[87] (WO2013/014052)

[30] US (61/510,624) 2011-07-22

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[13] A1

[51] **Int.Cl. A61K 8/49 (2006.01) A61K 8/33 (2006.01) A61Q 17/04 (2006.01)**  
[25] EN  
[54] **PERSONAL CARE COMPOSITIONS WITH IMPROVED SOLUBILITY OF A SOLID UV ACTIVE**  
[54] **COMPOSITIONS DE SOIN PERSONNEL CONTENANT UN PRODUIT SOLIDE ANTI-UV A SOLUBILITE AMELIOREE**  
[72] TANNER, PAUL, US  
[72] FINLEY, BECKY, US  
[71] THE PROCTOR & GAMBLE COMPANY, US  
[85] 2014-01-07  
[86] 2012-07-06 (PCT/US2012/045687)  
[87] (WO2013/006760)  
[30] US (13/177,862) 2011-07-07

[21] **2,841,363**  
[13] A1

[51] **Int.Cl. C12N 5/02 (2006.01) C12M 3/00 (2006.01)**  
[25] EN  
[54] **PHOTOBIOREACTOR**  
[54] **PHOTOBIOREACTEUR**  
[72] BENSEBAA, FARID, CA  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[85] 2014-01-10  
[86] 2012-07-04 (PCT/CA2012/000635)  
[87] (WO2013/010252)  
[30] US (61/509,277) 2011-07-19

[21] **2,841,364**  
[13] A1

[51] **Int.Cl. B23K 9/02 (2006.01) B23K 20/12 (2006.01) B23K 26/24 (2014.01)**  
[25] EN  
[54] **METHOD OF WELDING WORK PIECES TOGETHER**  
[54] **PROCEDE DE SOUDAGE DE PIECES DE TRAVAIL L'UNE A L'AUTRE**  
[72] BYRNE, JAMES R., II, US  
[71] MAGNA INTERNATIONAL INC., CA  
[85] 2014-01-10  
[86] 2012-07-19 (PCT/CA2012/000692)  
[87] (WO2013/010267)  
[30] US (61/509,207) 2011-07-19

[21] **2,841,365**  
[13] A1

[51] **Int.Cl. B65B 9/06 (2012.01)**  
[25] EN  
[54] **AIR CUSHION INFLATION MACHINE**  
[54] **MACHINE DE GONFLAGE POUR COUSSIN GONFLABLE**  
[72] CHUBA, LARRY, US  
[72] VALENTI, LAWRENCE, US  
[72] ROMO, DAVID, US  
[72] RICCARDI, MICHAEL, US  
[71] AUTOMATED PACKAGING SYSTEMS, INC., US  
[85] 2014-01-07  
[86] 2012-07-06 (PCT/US2012/045718)  
[87] (WO2013/006779)  
[30] US (61/505,261) 2011-07-07

[21] **2,841,367**  
[13] A1

[51] **Int.Cl. A61K 47/02 (2006.01) A61K 31/00 (2006.01) A61K 31/165 (2006.01) A61K 33/00 (2006.01) A61K 33/06 (2006.01) A61K 33/08 (2006.01) A61K 33/10 (2006.01) A61P 1/04 (2006.01) A61P 23/02 (2006.01)**  
[25] EN  
[54] **ORAL COMPOSITIONS COMPRISING AN ANTACID, AN ANAESTHETIC AND AN INORGANIC MATRIX COMPRISING SILICON DIOXIDE AND TITANIUM DIOXIDE**  
[54] **COMPOSITIONS ORALES COMPRENANT UN ANTIACIDE, UN ANESTHESIQUE ET UNE MATRICE INORGANIQUE CONSTITUEE DE SILICE ET DE DIOXYDE DE TITANE**  
[72] EUTICK, MALVIN, AU  
[71] EUPHARMA PTY LTD, AU  
[85] 2014-01-10  
[86] 2012-07-13 (PCT/AU2012/000845)  
[87] (WO2013/010210)  
[30] AU (2011902834) 2011-07-15

[21] **2,841,368**  
[13] A1

[51] **Int.Cl. A61J 1/06 (2006.01) A61M 5/24 (2006.01) A61M 5/31 (2006.01) A61M 5/315 (2006.01)**  
[25] EN  
[54] **DRUG DELIVERY DEVICE AND CARTRIDGE TO BE INTERCONNECTED THEREWITH**  
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT ET CARTOUCHE A RELIER A CELUI-CI**  
[72] HOPPE, HENDRIK, DE  
[72] JOSEF, CLEMENS, DE  
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
[85] 2014-01-09  
[86] 2012-07-19 (PCT/EP2012/064154)  
[87] (WO2013/017415)  
[30] EP (11176238.1) 2011-08-02

[21] **2,841,369**  
[13] A1

[51] **Int.Cl. F16B 39/12 (2006.01) F16B 39/22 (2006.01) F16B 39/34 (2006.01)**  
[25] EN  
[54] **LOCK NUT ASSEMBLY**  
[54] **ENSEMBLE D'ECROUS DE VERROUILLAGE**  
[72] DAVIES, BRIAN, AU  
[71] BRIAN INVESTMENTS PTY LTD, AU  
[85] 2014-01-10  
[86] 2012-08-03 (PCT/AU2012/000929)  
[87] (WO2013/016778)  
[30] AU (2011903102) 2011-08-03  
[30] AU (2011904123) 2011-10-06

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[13] A1

[51] **Int.Cl. C07K 16/40 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01) C12P 21/08 (2006.01)**

[25] EN

[54] **AGR2 BLOCKING ANTIBODY AND USE THEREOF**

[54] **ANTICORPS BLOQUANT D'AGR2 ET SON UTILISATION**

[72] LI, DAWEI, CN  
[72] WU, ZHENGHUA, CN  
[72] GUO, HAO, CN  
[72] ZHU, QI, CN  
[72] MASHAUSI, DHAHIRI S., CN  
[71] SANOFI (CHINA) INVESTMENT CO., LTD. SHANGHAI BRANCH, CN  
[71] SHANGHAI JIAO TONG UNIVERSITY, CN

[85] 2014-01-03  
[86] 2012-07-05 (PCT/CN2012/000926)  
[87] (WO2013/004076)  
[30] CN (201110186469.5) 2011-07-05

[21] **2,841,373**  
[13] A1

[51] **Int.Cl. A61F 9/008 (2006.01)**

[25] EN

[54] **DEVICE FOR ASSISTING IN THE PREPARATION OF AN OPERATION ON THE HUMAN EYE**

[54] **DISPOSITIF POUR AIDER A LA PREPARATION D'UNE OPERATION SUR L'OEIL HUMAIN**

[72] JEGLORZ, TOBIAS, DE  
[72] DONITZKY, CHRISTOF, DE  
[71] WAVELIGHT GMBH, DE

[85] 2014-01-10  
[86] 2011-07-28 (PCT/EP2011/003802)  
[87] (WO2013/013690)

[21] **2,841,376**  
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61K 38/16 (2006.01) A61K 39/245 (2006.01) A61K 48/00 (2006.01) A61P 31/00 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **N-TERMINAL DELETED GP120 IMMUNOGENS**

[54] **IMMUNOGENES GP120 A EXTREMITÉ N-TERMINALE DELETED**

[72] KIM, JEROME, US  
[72] HARRISON, STEPHEN, US  
[72] HAYNES, BARTON F., US  
[72] TOMARAS, GEORGIA D., US  
[72] MICHAEL, NELSON, US  
[71] DUKE UNIVERSITY, US  
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US  
[71] THE GOVERNMENT OF THE UNITED STATES, AS REPRESENTED BY THE SECRETARY OF THE ARMY, ON BEHALF OF WALTER REED ARMY INSTITUTE OF RESEARCH, US

[85] 2014-01-03  
[86] 2012-07-05 (PCT/US2012/045530)  
[87] (WO2013/006688)  
[30] US (61/457,906) 2011-07-05  
[30] US (61/529,137) 2011-08-30

[21] **2,841,378**  
[13] A1

[51] **Int.Cl. F24F 11/02 (2006.01) F24D 3/14 (2006.01) F24F 5/00 (2006.01) F24F 11/00 (2006.01)**

[25] EN

[54] **OPERATION OF A HVAC SYSTEM USING A COMBINED HYDRONIC AND FORCED AIR SYSTEM**

[54] **FONCTIONNEMENT D'UN SYSTEME HVAC UTILISANT UN SYSTEME HYDRONIQUE ET A AIR FORCE COMBINE**

[72] MACPHERSON, MURDOCH, CA  
[71] MACPHERSON ENGINEERING INC., CA

[85] 2014-01-10  
[86] 2013-07-05 (PCT/CA2013/000616)  
[87] (WO2014/005220)  
[30] CA (2782291) 2012-07-06

[21] **2,841,380**  
[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01) A61K 39/00 (2006.01)**

[25] EN

[54] **PRAME PURIFICATION**

[54] **PURIFICATION DE PRAME**

[72] GERMAY, OLIVIER C., BE  
[72] GODART, STEPHANE ANDRE, BE  
[72] HARVENGT, POL GUY, BE  
[72] LAANAN, AMINA, BE  
[72] LE BUSSY, OLIVIER PATRICK, BE  
[72] LEMOINE, DOMINIQUE INGRID, BE  
[72] DODE, LEONARD, BE  
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE

[85] 2014-01-09  
[86] 2012-07-20 (PCT/EP2012/064340)  
[87] (WO2013/014105)  
[30] GB (1112658.8) 2011-07-22  
[30] GB (1115737.7) 2011-09-12

[21] **2,841,381**  
[13] A1

[51] **Int.Cl. A61N 1/362 (2006.01) A61B 5/0402 (2006.01) A61H 31/00 (2006.01) A61N 1/365 (2006.01) A61N 1/37 (2006.01)**

[25] EN

[54] **SYSTEM AND METHODS TO FACILITATE PROVIDING THERAPY TO A PATIENT**

[54] **SYSTEME ET METHODES POUR FACILITER L'APPLICATION D'UNE THERAPIE A UN PATIENT**

[72] RAMANATHAN, CHARULATHA, US  
[72] WODLINGER, HAROLD, CA  
[72] JIA, PING, US  
[72] STROM, MARIA, US  
[71] CARDIOINSIGHT TECHNOLOGIES, INC., US

[85] 2014-01-03  
[86] 2012-07-05 (PCT/US2012/045597)  
[87] (WO2013/006724)  
[30] US (61/504,536) 2011-07-05  
[30] US (61/546,083) 2011-10-12

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[21] **2,841,383**  
[13] A1

[51] **Int.Cl. B65H 45/24 (2006.01) A47K 10/42 (2006.01)**  
[25] EN  
[54] **DISPENSER AND STACK OF SHEET PRODUCTS**  
[54] **DISTRIBUTEUR ET PILE DE PRODUITS EN FEUILLES**  
[72] LARSSON, BJORN, SE  
[71] SCA HYGIENE PRODUCTS AB, SE  
[85] 2014-01-10  
[86] 2011-07-13 (PCT/EP2011/061938)  
[87] (WO2013/007302)

[21] **2,841,384**  
[13] A1

[51] **Int.Cl. C07C 67/08 (2006.01) C07C 69/54 (2006.01)**  
[25] EN  
[54] **PROCESS FOR PREPARING (METH)ACRYLIC ESTERS FROM POLYOLS**  
[54] **PROCEDE DE PRODUCTION D'ESTERS D'ACIDE (METH)ACRYLIQUE DE POLYOLS**  
[72] BALLIN, JEAN-MARC, FR  
[72] BARO, JUERGEN, DE  
[71] COGNIS IP MANAGEMENT GMBH, DE  
[85] 2014-01-09  
[86] 2012-07-24 (PCT/EP2012/064486)  
[87] (WO2013/017474)  
[30] US (61/514,510) 2011-08-03  
[30] EP (11176426.2) 2011-08-03

[21] **2,841,385**  
[13] A1

[51] **Int.Cl. C07D 319/00 (2006.01) C07D 257/04 (2006.01) C07D 405/12 (2006.01)**  
[25] EN  
[54] **AN INTERMEDIATE OF STATIN DRUGS AND PREPARATION THEREOF**  
[54] **INTERMEDIAIRE DE MEDICAMENTS A BASE DE STATINES ET SA PREPARATION**  
[72] ZHANG, SHOUHUA, CN  
[72] WANG, ZHONGQING, CN  
[72] LUO, ZHONGHUA, CN  
[71] SUNSHINE LAKE PHARMA CO., LTD., CN  
[71] YICHANG CHANGJIANG PHARMACEUTICAL CO., LTD., CN  
[85] 2014-01-10  
[86] 2012-07-19 (PCT/CN2012/078862)  
[87] (WO2013/010488)  
[30] CN (201110204524.9) 2011-07-19

[21] **2,841,387**  
[13] A1

[51] **Int.Cl. C07D 249/08 (2006.01) A01N 43/653 (2006.01)**  
[25] EN  
[54] **FUNGICIDAL SUBSTITUTED 1-{2-[2-HALO-4-(4-HALOGEN-PHENOXY)-PHENYL]-2-ETHOXY-ETHYL}-1H-[1,2,4]TRIAZOLE COMPOUNDS**  
[54] **COMPOSES DE 1-{2-[2-HALOGENO-4-(4-HALOGENO-PHENOXY)-PHENYL]-2-ETHOXY-ETHYL}-1H-[1,2,4]TRIAZOLE SUBSTITUES FONGICIDES**  
[72] DIETZ, JOCHEN, DE  
[72] RIGGS, RICHARD, DE  
[72] BOUDET, NADEGE, DE  
[72] LOHMANN, JAN KLAAS, DE  
[72] CRAIG, IAN ROBERT, DE  
[72] HADEN, EGON, DE  
[72] LAUTERWASSER, ERICA MAY WILSON, DE  
[72] MULLER, BERND, DE  
[72] GRAMMENOS, WASSILIOS, DE  
[72] GROTE, THOMAS, DE  
[71] BASF SE, DE  
[85] 2014-01-09  
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[87] (WO2013/024076)  
[30] EP (11177545.8) 2011-08-15

[21] **2,841,388**  
[13] A1

[51] **Int.Cl. A61B 5/04 (2006.01) A61B 5/0402 (2006.01) G06T 5/00 (2006.01)**  
[25] EN  
[54] **LOCALIZATION FOR ELECTROCARDIOGRAPHIC MAPPING**  
[54] **LOCALISATION POUR CARTOGRAPHIE ELECTROCARDIOGRAPHIQUE**  
[72] WODLINGER, HAROLD, CA  
[72] RAMANATHAN, CHARULATHA, US  
[72] JIA, PING, US  
[71] CARDIOINSIGHT TECHNOLOGIES, INC., US  
[85] 2014-01-03  
[86] 2012-07-05 (PCT/US2012/045582)  
[87] (WO2013/006713)  
[30] US (61/504,547) 2011-07-05

[21] **2,841,390**  
[13] A1

[51] **Int.Cl. A61J 1/00 (2006.01) A61M 15/00 (2006.01)**  
[25] EN  
[54] **IMPROVEMENTS RELATING TO DELIVERY DEVICES**  
[54] **AMELIORATIONS RELATIVES AUX DISPOSITIFS DE DISTRIBUTION**  
[72] SEENEY, PHILIP, GB  
[72] JENNINGS, DOUGLAS IVAN, GB  
[71] PHARMAXIS LTD, AU  
[85] 2014-01-10  
[86] 2012-07-13 (PCT/GB2012/051687)  
[87] (WO2013/008040)  
[30] GB (1112029.2) 2011-07-13  
[30] GB (1112666.1) 2011-07-22

[21] **2,841,391**  
[13] A1

[51] **Int.Cl. B01J 12/00 (2006.01) B01J 19/24 (2006.01) B01J 35/04 (2006.01) C10G 2/00 (2006.01)**  
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[54] **FISCHER TROPSCH REACTOR**  
[54] **REACTEUR FISCHER-TROPSCH**  
[72] BANISTER, JAMES, GB  
[71] GAS2 LIMITED, GB  
[85] 2014-01-10  
[86] 2012-07-13 (PCT/GB2012/051668)  
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[30] GB (1112028.4) 2011-07-13

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[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01)**  
[25] EN  
[54] **WOUND DRESSING AND METHOD OF TREATMENT**  
[54] **PANSEMENT ET METHODE DE TRAITEMENT**  
[72] MUMBY, ELLA LYNN, GB  
[72] LECOMTE, HELENE ANNE, GB  
[71] SMITH & NEPHEW PLC, GB  
[85] 2014-01-09  
[86] 2012-07-12 (PCT/GB2012/000587)  
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[30] GB (1112084.7) 2011-07-14  
[30] GB (1211171.2) 2012-06-22

[21] **2,841,393**  
[13] A1

[51] **Int.Cl. H04B 7/185 (2006.01) H04B 7/195 (2006.01)**  
[25] FR  
[54] **SATELLITE COMMUNICATION SYSTEM, LEO SATELLITE RELAYING COMMUNICATIONS BETWEEN A GEO SATELLITE AND TERRESTRIAL STATIONS, THE UPLINKS AND DOWNLINKS USING THE SAME FREQUENCY BAND AND TIME-DIVISION MULTIPLEXING**  
[54] **SYSTEME DE COMMUNICATION PAR SATELLITE, UN SATELLITE LEO RELAYANT DES COMMUNICATIONS ENTRE UN SATELLITE GEO ET DES STATIONS TERRESTRES, LES LIAISONS MONTANTES ET DESCENDANTES UTILISANT LA MEME BANDE DE FREQUENCES ET LE MULTIPLEXAGE TEMPOREL**  
[72] TRONC, JEROME, FR  
[72] DUNAT, JEAN-CHRISTOPHE, FR  
[71] ASTRIMUM SAS, FR  
[85] 2014-01-10  
[86] 2012-06-01 (PCT/EP2012/060359)  
[87] (WO2012/171809)  
[30] FR (1101850) 2011-06-16

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[13] A1

[51] **Int.Cl. A61M 1/12 (2006.01) A61M 1/10 (2006.01)**  
[25] EN  
[54] **CANNULA LINED WITH TISSUE IN-GROWTH MATERIAL AND METHOD OF USING THE SAME**  
[54] **CANULE REVETUE D'UN MATERIAU DESTINE A LA CROISSANCE DES TISSUS ET SON PROCEDE D'UTILISATION**  
[72] FARNAN, ROBERT C., US  
[72] MARSEILLE, OLIVER, DE  
[71] CIRCULITE, INC., US  
[85] 2014-01-07  
[86] 2011-08-05 (PCT/US2011/046772)  
[87] (WO2013/022420)

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[13] A1

[51] **Int.Cl. A61J 1/00 (2006.01) A61M 15/00 (2006.01)**  
[25] EN  
[54] **IMPROVEMENTS RELATING TO DELIVERY DEVICES**  
[54] **PERFECTIONNEMENTS RELATIFS A DES DISPOSITIFS D'ADMINISTRATION**  
[72] SEENEY, PHILIP, GB  
[72] JENNINGS, DOUGLAS IVAN, GB  
[71] PHARMAXIS LTD, AU  
[85] 2014-01-10  
[86] 2012-07-13 (PCT/GB2012/051684)  
[87] (WO2013/008037)  
[30] GB (1112031.8) 2011-07-13  
[30] GB (1112668.7) 2011-07-22

[21] **2,841,399**  
[13] A1

[51] **Int.Cl. H04B 7/185 (2006.01)**  
[25] FR  
[54] **DEVICE AND METHOD FOR OPTIMIZING THE GROUND COVERAGE OF A HYBRID SPACE SYSTEM**  
[54] **DISPOSITIF ET PROCEDE D'OPTIMISATION DE LA COUVERTURE AU SOL D'UN SYSTEME SPATIAL HYBRIDE**  
[72] TRONC, JEROME, FR  
[72] DUNAT, JEAN-CHRISTOPHE, FR  
[71] ASTRIMUM SAS, FR  
[85] 2014-01-10  
[86] 2012-06-13 (PCT/EP2012/061158)  
[87] (WO2012/171937)  
[30] FR (1101853) 2011-06-16

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[13] A1

[51] **Int.Cl. A47L 5/00 (2006.01) A47L 9/00 (2006.01)**  
[25] EN  
[54] **WALL-MOUNTABLE VACUUM CLEANER AND BRACKET COMBINATION**  
[54] **ENSEMBLE ASPIRATEUR MURAL ET SUPPORT**  
[72] WOLFE, MELVIN E., US  
[72] FRY, KEVIN, US  
[72] GOTTSCHALL, JASON, US  
[72] GRIFFIN, JOHN, US  
[71] SHOP VAC CORPORATION, US  
[85] 2014-01-10  
[86] 2011-08-30 (PCT/US2011/049626)  
[87] (WO2013/009330)  
[30] US (13/182,986) 2011-07-14

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[13] A1

[51] **Int.Cl. A61J 1/00 (2006.01) A61M 15/00 (2006.01)**  
[25] EN  
[54] **IMPROVEMENTS RELATING TO DELIVERY DEVICES**  
[54] **AMELIORATIONS PORTANT SUR DES DISPOSITIFS D'ADMINISTRATION**  
[72] SEENEY, PHILIP, GB  
[72] JENNINGS, DOUGLAS IVAN, GB  
[71] PHARMAXIS LTD, AU  
[85] 2014-01-10  
[86] 2012-07-13 (PCT/GB2012/051685)  
[87] (WO2013/008038)  
[30] GB (1112030.0) 2011-07-13  
[30] GB (1112667.9) 2011-07-22

[21] **2,841,403**  
[13] A1

[51] **Int.Cl. E21B 47/10 (2012.01) E21B 47/12 (2012.01) G01D 5/353 (2006.01)**  
[25] EN  
[54] **METHOD OF ACOUSTIC SURVEYING**  
[54] **PROCEDE DE COUVERTURE ACOUSTIQUE**  
[72] FINFER, DANIEL, GB  
[72] JOHANNESSEN, KJETIL, NO  
[71] SILIXA LTD., GB  
[85] 2014-01-09  
[86] 2012-07-13 (PCT/GB2012/051682)  
[87] (WO2013/008035)  
[30] GB (1111980.7) 2011-07-13

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[25] EN

[54] **TREATMENT OF ANGIOGENESIS DISORDERS**

[54] **TRAITEMENT DE TROUBLES D'ANGIOGENESE**

[72] TAVAZOIE, SOHAIL, US

[72] HALBERG, NILS, US

[72] PNG, KIM, US

[71] ROCKEFELLER UNIVERSITY, US

[85] 2014-01-30

[86] 2012-02-10 (PCT/US2012/024697)

[87] (WO2012/109567)

[30] US (61/441,738) 2011-02-11

[21] **2,841,406**  
[13] A1

[51] **Int.Cl. A61N 1/378 (2006.01) A61N 1/40 (2006.01)**

[25] EN

[54] **FAR FIELD RADIATIVE POWERING OF IMPLANTABLE MEDICAL THERAPY DELIVERY DEVICES**

[54] **ALIMENTATION PAR RAYONNEMENT DE CHAMP ELOIGNE POUR DES DISPOSITIFS D'ADMINISTRATION DE THERAPIE MEDICALE IMPLANTABLES**

[72] CHOW, ERIC Y., US

[71] CYBERONICS, INC., US

[85] 2014-01-10

[86] 2012-04-03 (PCT/US2012/032009)

[87] (WO2013/009371)

[30] US (61/507,992) 2011-07-14

[30] US (13/433,907) 2012-03-29

[21] **2,841,408**  
[13] A1

[51] **Int.Cl. A47J 31/06 (2006.01) A47J 31/36 (2006.01)**

[25] EN

[54] **BREWING DEVICE HAVING A PERFORATION MEANS FOR PRODUCING A VENTING OPENING IN A PORTION CAPSULE**

[54] **DISPOSITIF D'INFUSION MUNI D'UN MOYEN DE PERFORATION POUR CREER UN ORIFICE D'AERATION DANS UNE CAPSULE DOSETTE**

[72] FISCHER, DANIEL, CH

[72] SONDEREGGER, REMO, CH

[71] EUGSTER/FRISMAG AG, CH

[85] 2014-01-10

[86] 2012-06-20 (PCT/EP2012/061844)

[87] (WO2013/007487)

[30] DE (10 2011 107 690.9) 2011-07-13

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[13] A1

[51] **Int.Cl. C08F 4/70 (2006.01)**

[25] EN

[54] **NOVEL LATE TRANSITION METAL CATALYSTS FOR SELECTIVE POLYMER FORMATION**

[54] **UTILISATION D'AGREGATS DE NICKEL EN POLYMERISATION STEREOSPECIFIQUE DE MONOMERES A BASE DE VINYLE ET D'ALCYNE**

[72] GOSSAGE, ROBERT ARTHUR, CA

[72] FOUCHER, DANIEL, CA

[72] RESANOVIC, SANJA, CA

[71] RYERSON UNIVERSITY, CA

[85] 2014-02-05

[86] 2012-05-02 (PCT/CA2012/000413)

[87] (WO2012/149639)

[30] US (61/482,059) 2011-05-03

[21] **2,841,411**  
[13] A1

[51] **Int.Cl. A61K 31/045 (2006.01) A61K 9/08 (2006.01) A61K 31/047 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **USE OF XANTHOPHYLL CAROTENOIDS TO IMPROVE VISUAL PERFORMANCE AND NEURAL EFFICIENCY**

[54] **UTILISATION DE CAROTENOIDES XANTHOPHYLLES POUR AMELIORER LA PERFORMANCE VISUELLE ET L'EFFICACITE NEURALE**

[72] RENZI, LISA M., US

[72] HAMMOND, BILLY R., US

[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US

[85] 2014-01-10

[86] 2012-04-30 (PCT/US2012/035766)

[87] (WO2013/009378)

[30] US (61/507,451) 2011-07-13

[21] **2,841,412**  
[13] A1

[51] **Int.Cl. E21B 47/047 (2012.01) E21B 43/20 (2006.01) G01F 23/00 (2006.01)**

[25] EN

[54] **ESTIMATING FLUID LEVELS IN A PROGRESSING CAVITY PUMP SYSTEM**

[54] **ESTIMATION DE NIVEAUX DE FLUIDE DANS UN SYSTEME DE POMPE A VIS HELICOIDALE EXCENTREE**

[72] PETERSON, RONALD G., US

[71] UNICO, INC., US

[85] 2014-01-10

[86] 2012-05-16 (PCT/US2012/038161)

[87] (WO2013/009389)

[30] US (13/182,506) 2011-07-14

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[13] A1

[51] **Int.Cl. G02B 1/04 (2006.01) G02B 1/10 (2006.01)**

[25] EN

[54] **METHOD FOR OBTAINING OPTICAL ARTICLES HAVING SUPERIOR ABRASION RESISTANT PROPERTIES, AND COATED ARTICLES PREPARED ACCORDING TO SUCH METHOD**

[54] **PROCEDE PERMETTANT D'OBTENIR DES ARTICLES OPTIQUES OFFRANT DES PROPRIETES DE RESISTANCE A L'ABRASION SUPERIEURES, ET ARTICLES DOTES D'UN REVETEMENT PREPARES SELON UN TEL PROCEDE**

[72] WEST, KAREN, US

[71] **ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR**

[85] 2013-12-13

[86] 2011-06-13 (PCT/US2011/040201)

[87] (WO2012/173596)

[21] **2,841,415**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/02 (2006.01) A61K 9/20 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING RIFAXIMIN, PROCESSES FOR THEIR PREPARATION AND THEIR USE IN THE TREATMENT OF VAGINAL INFECTIONS**

[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DE LA RIFAXIMINE, PROCEDES POUR LEUR PREPARATION ET LEUR UTILISATION DANS LE TRAITEMENT D'INFECTIONS VAGINALES**

[72] VISCOMI, GIUSEPPE CLAUDIO, IT

[72] MAFFEI, PAOLA, IT

[72] LAURO, VITTORIA, IT

[72] CALANNI, FIORELLA, IT

[72] VITALI, BEATRICE, IT

[72] CRUCIANI, FEDERICA, IT

[71] **ALFA WASSERMANN S.P.A., IT**

[85] 2014-01-09

[86] 2012-07-26 (PCT/IB2012/001438)

[87] (WO2013/017928)

[30] IT (BO2011A000461) 2011-07-29

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[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/19 (2006.01) A61P 1/00 (2006.01) A61P 21/00 (2006.01) A61P 25/28 (2006.01) A61P 37/06 (2006.01)**

[25] EN

[54] **METHOD OF SELECTING THERAPEUTIC INDICATIONS**

[54] **PROCEDE DE SELECTION D'INDICATIONS THERAPEUTIQUES**

[72] AGARWAL, PANKAJ, US

[72] CARDON, LON R., US

[72] MOOSER, VINCENT EUGENE, CH

[72] MONSEAU, PHILIPPE, GB

[71] **GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB**

[85] 2013-12-13

[86] 2012-06-15 (PCT/US2012/042601)

[87] (WO2012/174338)

[30] US (61/497,302) 2011-06-15

[30] US (61/514,623) 2011-08-03

[21] **2,841,417**  
[13] A1

[51] **Int.Cl. A61K 31/505 (2006.01) A61K 31/56 (2006.01) A61K 31/573 (2006.01) A61P 11/00 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION COMPRISING A TRPA1 ANTAGONIST AND A STEROID**

[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN ANTAGONISTE DU RECEPTEUR TRPA1 ET UN STEROIDE**

[72] KHAIRATKAR-JOSHI, NEELIMA, IN

[72] KULKARNI, ABHAY, IN

[72] WALE, DINESH PRADEEP, IN

[72] KADAM, ANIL HARI, IN

[72] BHOSALE, VIKRAM, IN

[71] **GLENMARK PHARMACEUTICALS SA, CH**

[85] 2014-01-09

[86] 2012-07-23 (PCT/IB2012/053738)

[87] (WO2013/014597)

[30] IN (2098/MUM/2011) 2011-07-25

[21] **2,841,418**  
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/68 (2006.01) C09K 8/80 (2006.01)**

[25] EN

[54] **A METHOD OF SLICKWATER FRACTURING**

[54] **PROCEDE DE FRACTURATION HYDRAULIQUE MASSIVE**

[72] SUN, HONG, US

[72] QU, QI, US

[72] STEVENS, RICHARD (DECEASED), US

[71] **BAKER HUGHES INCORPORATED, US**

[85] 2014-01-10

[86] 2012-06-06 (PCT/US2012/040991)

[87] (WO2013/019308)

[30] US (13/194,739) 2011-07-29

[21] **2,841,421**  
[13] A1

[51] **Int.Cl. E21C 41/26 (2006.01) B07B 13/00 (2006.01) G01N 23/12 (2006.01)**

[25] EN

[54] **SORTING IN A MINING OPERATION**

[54] **TRIAGE DANS UNE OPERATION D'EXPLOITATION MINIERE**

[72] HARDING, DAMIEN, AU

[72] STOIBER, CLAUS, US

[71] **TECHNOLOGICAL RESOURCES PTY. LIMITED, AU**

[85] 2014-01-06

[86] 2012-07-09 (PCT/AU2012/000815)

[87] (WO2013/006896)

[30] US (61/505,620) 2011-07-08

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[13] A1

[51] **Int.Cl. A61B 5/048 (2006.01) A61B 5/0484 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR ESTIMATING BRAIN CONCUSSION**

[54] **PROCEDE ET SYSTEME POUR ESTIMER UNE COMMOTION CEREBRALE**

[72] GEVA, AMIR B., IL

[72] RECHES, AMIT, IL

[72] GADOT, RONEN, IL

[71] **ELMINDA LTD., IL**

[85] 2014-01-09

[86] 2012-07-19 (PCT/IL2012/050262)

[87] (WO2013/011515)

[30] US (61/509,651) 2011-07-20

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[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/08 (2012.01) G06Q 50/06 (2012.01)**

[25] EN  
[54] **ENERGY SYSTEMS**  
[54] **SYSTEMES D'ENERGIE**  
[72] BIGGAR, JAMES G., US  
[72] LARUSSO, JOSEPH G., US  
[72] AGGARWAL, VIKRAM, US  
[71] DISTRIBUTED ENERGY RESEARCH & SOLUTIONS, INC., US  
[85] 2014-01-10  
[86] 2012-06-12 (PCT/US2012/042087)  
[87] (WO2012/174010)  
[30] US (61/496,029) 2011-06-12

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[21] **2,841,425**  
[13] A1

[51] **Int.Cl. G01J 3/12 (2006.01)**

[25] EN  
[54] **SCALABLE SPECTROSCOPIC DETECTION AND MEASUREMENT**  
[54] **DETECTION ET MESURE SPECTROSCOPIQUES POUVANT ETRE MISES A L'ECHELLE**  
[72] TRACY, DAVID, US  
[72] STOKES, PETER LEWIS, US  
[72] KIANI, SEPEHR, US  
[71] GNUBIO, INC., US  
[85] 2013-09-17  
[86] 2012-03-27 (PCT/US2012/030716)  
[87] (WO2012/135201)  
[30] US (61/469,889) 2011-03-31

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[13] A1

[51] **Int.Cl. A61B 3/10 (2006.01) G01N 21/25 (2006.01) G01N 21/64 (2006.01)**

[25] EN  
[54] **APPARATUS AND METHOD FOR IDENTIFYING ONE OR MORE AMYLOID BETA PLAQUES IN A PLURALITY OF DISCRETE OCT RETINAL LAYERS**  
[54] **APPAREIL ET PROCEDE POUR IDENTIFIER UNE OU PLUSIEURS PLAQUES DE BETA AMYLOIDE DANS PLUSIEURS COUCHES RETINIENNES DE TOMOGRAPHIE PAR COHERENCE OPTIQUE (OCT) DISCRETE**

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[72] VERDOONER, STEVEN, US  
[71] VERDOONER, STEVEN, US  
[85] 2013-12-10  
[86] 2012-03-28 (PCT/US2012/031010)  
[87] (WO2012/135382)  
[30] US (61/468,818) 2011-03-29

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[13] A1

[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/16 (2006.01) A61B 17/17 (2006.01) A61M 25/09 (2006.01)**

[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING A RELATIVE LOCATION INDICATION DURING A SURGICAL PROCEDURE**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE FOURNIR UNE INDICATION D'EMPLACEMENT RELATIF PENDANT UNE INTERVENTION CHIRURGICALE**  
[72] BARSOUM, WAEL K., US  
[71] THE CLEVELAND CLINIC FOUNDATION, US  
[85] 2014-01-09  
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[30] US (61/362,722) 2010-07-09

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[51] **Int.Cl. F01K 25/08 (2006.01) F01K 25/00 (2006.01)**

[25] EN  
[54] **THE TIMLIN CYCLE- A BINARY CONDENSING THERMAL POWER CYCLE**  
[54] **CYCLE TIMLIN - CYCLE D'ENERGIE THERMIQUE DE CONDENSATION BINAIRE**  
[72] TIMLIN, MICHAEL JOSEPH, III, US  
[71] TIMLIN, MICHAEL JOSEPH, III, US  
[85] 2014-01-10  
[86] 2011-08-26 (PCT/IB2011/003348)  
[87] (WO2012/069932)  
[30] US (61/377,094) 2010-08-26

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[21] **2,841,430**  
[13] A1

[51] **Int.Cl. F16K 31/48 (2006.01)**

[25] EN  
[54] **INJECTION OF MULTIPLE VOLUMES INTO OR OUT OF DROPLETS**  
[54] **INJECTION DE PLUSIEURS VOLUMES DANS ET HORS DE GOUTTELETTES**  
[72] ABATE, ADAM, US  
[72] KIANI, SEPEHR, US  
[72] HUNG, TONY, US  
[72] MARY, PASCALINE, US  
[72] ESMAIL, ADNAN MOEZ, US  
[71] GNUBIO, INC., US  
[85] 2013-09-17  
[86] 2012-03-28 (PCT/US2012/030811)  
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[13] A1

[51] **Int.Cl. B61L 15/00 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONTROLLING OPERATIONS OF A VEHICLE CONSIST BASED ON LOCATION DATA**  
[54] **SYSTEME ET PROCEDE PERMETTANT DE DIRIGER DES MANŒUVRES D'UNE RAME DE VEHICULES SUR LA BASE DE DONNEES D'EMPLACEMENTS**  
[72] BRAND, JOHN WILLIAM, US  
[72] COOPER, JARED KLINEMAN, US  
[72] DAUM, WOLFGANG, US  
[72] BALLESTY, DANIEL MALACHI, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2014-01-10  
[86] 2012-06-21 (PCT/US2012/043579)  
[87] (WO2013/012516)  
[30] US (13/183,626) 2011-07-15

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[13] A1

[51] **Int.Cl. A61B 17/44 (2006.01) A61B 17/42 (2006.01)**  
[25] EN  
[54] **A DEVICE TO EXTRACT ELEMENTS CONTAINED IN CAVITIES, THAT USES A BAG FOR THEIR EXTRACTION AND AN APPLIER**  
[54] **DISPOSITIF D'EXTRACTION D'ELEMENTS CONTENUS DANS DES CAVITES, QUI UTILISE UN SAC POUR LEUR EXTRACTION AINSI QU'UN APPLICATEUR**  
[72] ODON, JORGE ERNESTO, ES  
[71] AIR BAG ONE SARL, LU  
[85] 2013-11-29  
[86] 2012-05-31 (PCT/ES2012/070409)  
[87] (WO2012/164139)  
[30] AR (AR20110101902) 2011-06-02

[21] **2,841,434**  
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[51] **Int.Cl. G05D 1/08 (2006.01)**  
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[54] **PILOT CYCLIC CONTROL MARGIN DISPLAY**  
[54] **AFFICHAGE DE MARGE DE CONTROLE CYCLIQUE DE PILOTAGE**  
[72] FORTENBAUGH, ROBERT L., US  
[72] CONWAY, FRANK, US  
[72] GREENWOOD, JEFFERY S., US  
[71] BELL HELICOPTER TEXTRON INC., US  
[85] 2014-01-09  
[86] 2011-07-12 (PCT/US2011/043724)  
[87] (WO2013/009303)

[21] **2,841,435**  
[13] A1

[51] **Int.Cl. C04B 35/10 (2006.01) C04B 35/624 (2006.01)**  
[25] EN  
[54] **METHOD OF MAKING CERAMIC SHAPED ABRASIVE PARTICLES, SOL-GEL COMPOSITION, AND CERAMIC SHAPED ABRASIVE PARTICLES**  
[54] **PROCEDE DE REALISATION DE PARTICULES CERAMIQUES ABRASIVES FACONNEES, COMPOSITION SOL-GEL ET PARTICULES CERAMIQUES ABRASIVES FACONNEES**  
[72] BODEN, JOHN T., US  
[72] CULLER, SCOTT R., US  
[72] ERICKSON, DWIGHT D., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2014-01-10  
[86] 2012-06-28 (PCT/US2012/044605)  
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[30] US (61/506,913) 2011-07-12  
[30] US (61/508,190) 2011-07-15

[21] **2,841,437**  
[13] A1

[51] **Int.Cl. G05B 23/02 (2006.01)**  
[25] EN  
[54] **METHOD OF SEQUENTIAL KERNEL REGRESSION MODELING FOR FORECASTING AND PROGNOSTICS**  
[54] **SYSTEME DE MODELISATION DE REGRESSION KERNEL SEQUENTIELLE POUR LA PREVISION ET LE PRONOSTIC**  
[72] HERZOG, JAMES P., US  
[71] SMARTSIGNAL CORPORATION, US  
[85] 2014-01-10  
[86] 2012-07-09 (PCT/US2012/045897)  
[87] (WO2013/012583)  
[30] US (13/186,200) 2011-07-19

[21] **2,841,441**  
[13] A1

[51] **Int.Cl. A23L 1/236 (2006.01) A23L 1/09 (2006.01) A23L 1/22 (2006.01)**  
[25] EN  
[54] **MOLASSES FLAVORED LOW CALORIE SWEETENER COMPOSITIONS**  
[54] **COMPOSITIONS EDULCORANTES BASSES CALORIES AROMATISEES A LA MELASSE**  
[72] GELOV, TEODOR, US  
[71] TC HEARTLAND LLC, US  
[85] 2014-01-09  
[86] 2011-07-14 (PCT/US2011/044031)  
[87] (WO2013/009317)

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[13] A1

[51] **Int.Cl. G05B 23/02 (2006.01)**  
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[54] **SYSTEM OF SEQUENTIAL KERNEL REGRESSION MODELING FOR FORECASTING AND PROGNOSTICS**  
[54] **SYSTEME DE MODELISATION DE REGRESSION KERNEL SEQUENTIELLE POUR LA PREVISION ET LE PRONOSTIC**  
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[71] SMARTSIGNAL CORPORATION, US  
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[25] EN  
[54] **NO SUGAR CONFECTIONERS BLEND COMPOSITION POUR GLACAGE SANS SUCRE**  
[54] **COMPOSITION DE MELANGE POUR GLACAGE SANS SUCRE**  
[72] GELOV, TEODOR, US  
[71] TC HEARTLAND LLC, US  
[85] 2014-01-09  
[86] 2011-07-14 (PCT/US2011/044037)  
[87] (WO2013/009318)

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[13] A1

[51] **Int.Cl. B24C 5/04 (2006.01)**  
[25] EN  
[54] **HUMIDITY CONTROL FOR ABRASIVE BLASTING SYSTEMS REGULATION D'HUMIDITE POUR SYSTEMES DE PROJECTION ABRASIVE**  
[72] BISHOP, STEPHEN, US  
[72] AMERSON, JIMMY D., US  
[72] MILLICAN, STEVEN, US  
[71] BELL HELICOPTER TEXTRON INC., US  
[85] 2014-01-09  
[86] 2011-07-14 (PCT/US2011/044044)  
[87] (WO2013/009320)

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[13] A1

[51] **Int.Cl. A61K 38/42 (2006.01) A61K 47/30 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **A HEAT STABLE OXYGEN CARRIER-CONTAINING PHARMACEUTICAL COMPOSITION FOR DIFFERENT TREATMENT APPLICATIONS**  
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN TRANSPORTEUR D'OXYGENE THERMOSTABLE POUR DIFFERENTES APPLICATIONS DE TRAITEMENT**  
[72] WONG, BING LOU, US  
[72] KWOK, SUI YI, HK  
[72] LAU, SZE HANG, CN  
[71] WONG, BING LOU, US  
[71] KWOK, SUI YI, HK  
[71] LAU, SZE HANG, CN  
[85] 2014-01-10  
[86] 2012-07-11 (PCT/US2012/046130)  
[87] (WO2013/009790)  
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[25] EN  
[54] **RUDDER BIAS GAIN CHANGER**  
[54] **MODIFICATEUR DE GAIN DE FORCE POUR GOUVERNE DE DIRECTION**  
[72] BUTLER, HARRIS, US  
[72] VELETAS, MIHALIS, US  
[71] LEARJET INC., US  
[85] 2014-01-09  
[86] 2011-07-26 (PCT/US2011/045269)  
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[13] A1

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[25] EN  
[54] **PESTICIDAL COMPOSITIONS AND PROCESSES RELATED THERETO**  
[54] **COMPOSITIONS PESTICIDES ET PROCEDES RELATIFS A CES COMPOSITIONS**  
[72] CROUSE, GARY D., US  
[72] DEMETER, DAVID A., US  
[72] SPARKS, THOMAS C., US  
[72] WANG, NICK X., US  
[72] DENT, WILLIAM HUNTER, III, US  
[72] DEAMICIS, CARL, US  
[72] NIYAZ, NOORMOHAMED M., US  
[72] BAUM, ERICH W., US  
[72] FISCHER, LINDSEY GAYLE, US  
[72] GIAMPIETRO, NATALIE CHRISTINE, US  
[71] DOW AGROSCIENCES LLC, US  
[85] 2014-01-10  
[86] 2012-07-11 (PCT/US2012/046131)  
[87] (WO2013/009791)  
[30] US (61/506,743) 2011-07-12

[21] **2,841,452**  
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4725 (2006.01) A61P 29/00 (2006.01) C07D 401/14 (2006.01)**  
[25] EN  
[54] **NOVEL BISAMINOQUINOLINE COMPOUNDS, PHARMACEUTICAL COMPOSITIONS PREPARED THEREFROM AND THEIR USE**  
[54] **NOUVEAUX COMPOSES BISAMINOQUINOLEINES, COMPOSITIONS PHARMACEUTIQUES PREPAREES A PARTIR DE CEUX-CI ET LEUR UTILISATION**  
[72] AMARAVADI, RAVI K., US  
[72] WINKLER, JEFFREY, US  
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
[85] 2014-01-09  
[86] 2012-04-26 (PCT/US2012/035251)  
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[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01) B01D 53/34 (2006.01) C01B 31/20 (2006.01)**

[25] EN

[54] **METHOD OF RECOVERING CARBON DIOXIDE AND RECOVERY APPARATUS**

[54] **PROCEDE ET DISPOSITIF DE RECUEIL DE DIOXYDE DE CARBONE**

[72] OKUNO, SHINYA, JP  
[72] NAKAMURA, SHIKO, JP  
[72] MURAKAMI, ATSUSHI, JP  
[71] IHI CORPORATION, JP  
[85] 2014-01-10  
[86] 2012-07-13 (PCT/JP2012/067930)  
[87] (WO2013/008914)  
[30] JP (2011-154651) 2011-07-13

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[13] A1

[51] **Int.Cl. G01V 1/00 (2006.01) G01V 1/20 (2006.01)**

[25] EN

[54] **MULTIPLE FREQUENCY GEOPHONE STRINGS**

[54] **CHAINES DE GEOPHONES A FREQUENCES MULTIPLES**

[72] EICK, PETER M., US  
[72] BREWER, JOEL D., US  
[71] CONOCOPHILLIPS COMPANY, US  
[85] 2014-01-09  
[86] 2012-06-14 (PCT/US2012/042420)  
[87] (WO2013/012496)  
[30] US (61/509,451) 2011-07-19  
[30] US (13/517,734) 2012-06-14

[21] **2,841,456**  
[13] A1

[51] **Int.Cl. B65D 75/62 (2006.01) B65D 77/30 (2006.01) A61F 13/02 (2006.01)**

[25] EN

[54] **PACKAGING STRUCTURE FOR PATCHES**

[54] **STRUCTURE DE CONDITIONNEMENT POUR TIMBRES**

[72] MATSUOKA, KENSUKE, JP  
[72] IWAO, YOSHIHIRO, JP  
[72] HARIMA, JUN, JP  
[72] KONNO, MASAKATSU, JP  
[72] AOYAGI, KAZUHIRO, JP  
[72] TANAKA, TOMOYA, JP  
[72] TOYOTA, MIKIO, JP  
[72] AKITA, YASUHIKO, JP  
[72] MATSUI, TADASHI, JP  
[71] NITTO DENKO CORPORATION, JP  
[71] TOA EIYO LTD., JP  
[85] 2014-01-10  
[86] 2012-07-13 (PCT/JP2012/068001)  
[87] (WO2013/011961)  
[30] JP (2011-156771) 2011-07-15

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[13] A1

[51] **Int.Cl. E21B 43/16 (2006.01)**

[25] EN

[54] **SURFACTANT SYSTEM TO INCREASE HYDROCARBON RECOVERY**

[54] **SOLUTION DE TENSIOACTIFS ET DE POLYMERES POUR AUGMENTER LA RECUPERATION D'HYDROCARBURES**

[72] PONE, JEAN DENIS, US  
[72] BLUMER, DAVID J., US  
[71] CONOCOPHILLIPS COMPANY, US  
[85] 2014-01-09  
[86] 2012-06-29 (PCT/US2012/044985)  
[87] (WO2013/012545)  
[30] US (61/509,921) 2011-07-20  
[30] US (13/537,268) 2012-06-29

[21] **2,841,458**  
[13] A1

[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/519 (2006.01) A61P 37/00 (2006.01)**

[25] EN

[54] **TRICYCLIC HETEROCYCLIC COMPOUNDS AND JAK INHIBITORS**

[54] **COMPOSES HETEROCYCLIQUES TRICYCLIQUES ET INHIBITEURS DE JAK**

[72] HAYASHI, KEISHI, JP  
[72] WATANABE, TSUNEO, JP  
[72] TOYAMA, KOJI, JP  
[72] KAMON, JUNJI, JP  
[72] MINAMI, MASATAKA, JP  
[72] UNI, MIYUKI, JP  
[72] NASU, MARIKO, JP  
[71] NISSAN CHEMICAL INDUSTRIES, LTD., JP  
[85] 2014-01-10  
[86] 2012-08-10 (PCT/JP2012/070876)  
[87] (WO2013/024895)  
[30] JP (2011-177270) 2011-08-12  
[30] JP (2011-177289) 2011-08-12  
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[13] A1

[51] **Int.Cl. C12N 1/21 (2006.01) C12N 15/52 (2006.01) C12N 15/70 (2006.01) C12P 7/40 (2006.01)**

[25] EN

[54] **FERMENTATION OF GLYCEROL TO ORGANIC ACIDS**

[54] **FERMENTATION DE GLYCEROL EN ACIDES ORGANIQUES**

[72] YOCUM, R. ROGERS, US  
[72] HERMANN, THERON, US  
[72] YU, XIAOHUI, US  
[71] MYRIANT CORPORATION, US  
[85] 2014-01-10  
[86] 2011-07-22 (PCT/US2011/045001)  
[87] (WO2013/015770)

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[13] A1

[51] **Int.Cl. A61K 8/60 (2006.01) A61K 8/34 (2006.01) A61K 8/49 (2006.01) A61Q 17/04 (2006.01) G01N 33/15 (2006.01)**

[25] EN

[54] **UV PROTECTIVE SKIN TREATMENT COMPOSITIONS AND SCREENING METHODS**

[54] **COMPOSITIONS DE TRAITEMENT DE LA PEAU PROTECTRICES CONTRE LES UV ET METHODES DE CRIBLAGE**

[72] RAMIREZ, JOSE E., US

[71] JR CHEM, LLC, US

[85] 2014-01-10

[86] 2012-07-10 (PCT/US2012/046032)

[87] (WO2013/009733)

[30] US (61/506,394) 2011-07-11

[30] US (13/544,206) 2012-07-09

[21] **2,841,516**  
[13] A1

[51] **Int.Cl. A61K 38/17 (2006.01) A61P 35/00 (2006.01) C07K 7/06 (2006.01) C07K 14/47 (2006.01)**

[25] EN

[54] **NOVEL ZINC FINGER-LIKE PEPTIDE COMPOSITIONS AS POTENT AGENTS IN CANCER PREVENTION AND TREATMENT**

[54] **NOUVELLES COMPOSITIONS DE PEPTIDES EN DOIGTS DE ZINC UTILISEES COMME AGENTS PUISSANTS POUR LA PREVENTION ET LE TRAITEMENT DU CANCER**

[72] CHANG, NAN-SHAN, US

[72] LEE, MING-HUI, TW

[72] CHANG, JEAN-YUN, TW

[72] LIN, SING-RU, TW

[72] SU, WAN-PEI, TW

[71] NATIONAL CHENG KUNG UNIVERSITY, TW

[85] 2014-01-10

[86] 2012-07-12 (PCT/US2012/046390)

[87] (WO2013/009948)

[30] TW (100124615) 2011-07-12

[21] **2,841,519**  
[13] A1

[51] **Int.Cl. A23L 1/164 (2006.01) A23L 1/212 (2006.01) A23L 1/217 (2006.01)**

[25] EN

[54] **VEGETABLE-BASED NUTRITIONAL PRODUCTS**

[54] **PRODUITS A FINALITE NUTRITIONNELLE A BASE DE LEGUMES**

[72] SAVANT, VIVEK DILIP, US

[71] NESTEC S.A., CH

[85] 2014-01-09

[86] 2012-08-02 (PCT/US2012/049303)

[87] (WO2013/019936)

[30] US (61/514,561) 2011-08-03

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[13] A1

[51] **Int.Cl. B65D 1/02 (2006.01) A61J 9/00 (2006.01) A61J 11/00 (2006.01) A61J 11/04 (2006.01)**

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[54] **ENSEMBLE BIBERON JETABLE**

[72] LIMWANAWONG, AMONRAT, TH

[71] ASIAN MOS CO. LTD., TH

[85] 2014-01-10

[86] 2012-04-23 (PCT/TH2012/000018)

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[21] **2,841,522**  
[13] A1

[51] **Int.Cl. B65D 77/22 (2006.01)**

[25] EN

[54] **MULTI-LAYER VALVE CONSTRUCTION HAVING FLUID SEALING LAYER**

[54] **CONSTRUCTION DE SOUPAPE MULTICOUCHE AYANT UNE COUCHE D'ETANCHEITE AUX FLUIDES**

[72] GARDNER, DAVID, US

[71] AVERY DENNISON CORPORATION, US

[85] 2014-01-10

[86] 2012-07-12 (PCT/US2012/046409)

[87] (WO2013/009955)

[30] US (61/507,581) 2011-07-13

[21] **2,841,524**  
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/14 (2006.01) G06F 15/16 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR CONTROLLING CONTENT USING GRAPHICAL OBJECT**

[54] **PROCEDE ET APPAREIL PERMETTANT DE GERER UN CONTENU AU MOYEN D'UN OBJET GRAPHIQUE**

[72] RHEE, TAIK HEON, KR

[72] LEE, SANG IL, KR

[72] EUN, DONG JIN, KR

[72] KUK, SUNG BIN, KR

[71] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2014-01-10

[86] 2012-07-11 (PCT/KR2012/005498)

[87] (WO2013/009092)

[30] KR (10-2011-0068378) 2011-07-11

[30] KR (10-2011-0127279) 2011-11-30

[21] **2,841,527**  
[13] A1

[51] **Int.Cl. H01L 51/50 (2006.01)**

[25] EN

[54] **OPTOELECTRONIC DEVICES AND APPLICATIONS THEREOF**

[54] **DISPOSITIFS OPTOELECTRONIQUES ET LEURS APPLICATIONS**

[72] CARROLL, DAVID L., US

[71] WAKE FOREST UNIVERSITY, US

[85] 2014-01-10

[86] 2012-07-12 (PCT/US2012/046412)

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[30] US (61/506,855) 2011-07-12

[30] US (61/591,721) 2012-01-27

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[51] **Int.Cl. G06F 21/10 (2013.01) G06F 21/78 (2013.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR USING NON-VOLATILE STORAGE DEVICE**  
[54] **PROCEDE ET APPAREIL POUR UTILISER UN DISPOSITIF DE STOCKAGE REMANENT**  
[72] KANG, BO-GYEONG, KR  
[72] KWON, MOON-SANG, KR  
[72] LEE, BYUNG-RAE, KR  
[72] LEE, JAE-BUM, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2014-01-10  
[86] 2012-07-11 (PCT/KR2012/005509)  
[87] (WO2013/009097)  
[30] KR (10-2011-0069158) 2011-07-12  
[30] KR (10-2012-0026367) 2012-03-15

[21] **2,841,530**  
[13] A1

[51] **Int.Cl. C03C 13/00 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR MANUFACTURING FIBERS WITH ENHANCED THERMAL PERFORMANCE**  
[54] **SYSTEMES ET PROCEDES DE FABRICATION DE FIBRES DOTEES DE PERFORMANCES THERMIQUES AMELIOREES**  
[72] CHOUDHARY, MANOJ KUMAR, US  
[72] POTTER, RUSSELL, US  
[71] OWENS CORING INTELLECTUAL CAPITAL, LLC, US  
[85] 2014-01-10  
[86] 2012-07-12 (PCT/US2012/046415)  
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[13] A1

[51] **Int.Cl. C12Q 1/70 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHOD FOR DETECTING HUMAN PARVOVIRUS NUCLEIC ACID AND FOR DETECTING HEPATITIS A VIRUS NUCLEIC ACIDS IN SINGLE-PLEX OR MULTIPLEX ASSAYS**  
[54] **COMPOSITIONS ET PROCEDES DE DETECTION DE L'ACIDE NUCLEIQUE DU PARVOVIRUS HUMAIN ET DE DETECTION DES ACIDES NUCLEIQUES DU VIRUS DE L'HEPATITE A DANS DES DOSAGES MONOPLEXES OU MULTIPLEXES**  
[72] GAO, KUI, US  
[72] LINNEN, JEFFREY M., US  
[72] NORTON, KURT CRAFT, US  
[72] GORDON, PATRICIA C., US  
[72] DO, DAT, US  
[72] LE, TAN N., US  
[71] GEN-PROBE INCORPORATED, US  
[85] 2014-01-09  
[86] 2012-07-13 (PCT/US2012/046630)  
[87] (WO2013/012708)  
[30] US (61/508,597) 2011-07-15

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[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 25/04 (2006.01) A61P 29/00 (2006.01)**  
[25] EN  
[54] **PREVENTION AND TREATMENT OF PAIN USING ANTIBODIES TO LYSOPHOSPHATIDIC ACID**  
[54] **PREVENTION ET TRAITEMENT DE LA DOULEUR AU MOYEN D'ANTICORPS DIRIGES CONTRE L'ACIDE LYSOPHOSPHATIDIQUE**  
[72] SABBADINI, ROGER A., US  
[72] MATTEO, ROSALIA, US  
[71] LPATH, INC., US  
[85] 2014-01-09  
[86] 2012-07-13 (PCT/US2012/046774)  
[87] (WO2013/010132)  
[30] US (13/182,644) 2011-07-14

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[13] A1

[51] **Int.Cl. G06F 9/445 (2006.01)**  
[25] EN  
[54] **METHOD FOR LOADING SOFTWARE ONTO A PROCESSOR UNIT OF A SUBCOMPONENT OF AN ARRAY CONSISTING OF A PLURALITY OF COMPONENTS HAVING DIFFERENT SUBCOMPONENTS**  
[54] **PROCEDE DE CHARGE PAR LOGICIEL D'UNE UNITE INFORMATIQUE D'UN SOUS-COMPOSANT D'UN DISPOSITIF COMPORTANT PLUSIEURS COMPOSANTS AYANT DIFFERENTS SOUS-COMPOSANTS**  
[72] BREUCKMANN, CHRISTIAN, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2014-01-13  
[86] 2012-06-20 (PCT/EP2012/061834)  
[87] (WO2013/010744)  
[30] DE (10 2011 079 271.6) 2011-07-15

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **A NEW CLASSIFIER FOR THE MOLECULAR CLASSIFICATION OF MULTIPLE MYELOMA**  
[54] **NOUVEAU CLASSIFICATEUR POUR LA CLASSIFICATION MOLECULAIRE DU MYELOME MULTIPLE**  
[72] KUIPER, ROWAN, NL  
[72] SONNEVELD, PIETER, NL  
[71] ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM, NL  
[85] 2014-01-13  
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[87] (WO2013/007795)  
[30] EP (11173971.0) 2011-07-14

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[21] **2,841,538**  
[13] A1

[51] **Int.Cl. A61B 17/56 (2006.01) A61F 2/38 (2006.01) A61F 2/46 (2006.01)**  
[25] EN  
[54] **METHODS AND DEVICES FOR KNEE JOINT REPLACEMENT WITH ANTERIOR CRUCIATE LIGAMENT SUBSTITUTION**  
[54] **PROCEDES ET DISPOSITIFS POUR LE REMPLACEMENT D'ARTICULATION DU GENOU AVEC SUBSTITUTION DU LIGAMENT CROISE ANTERIEUR**  
[72] MURATOGLU, ORHUN K., US  
[72] VARADARAJAN, KARTIK MANGUDI, US  
[72] LI, GUOAN, US  
[72] RUBASH, HARRY E., US  
[72] ZUMBRUNN, THOMAS, US  
[71] THE GENERAL HOSPITAL CORPORATION D/B/A MASSACHUSETTS GENERAL HOSPITAL, US  
[85] 2014-01-10  
[86] 2012-07-12 (PCT/US2012/046430)  
[87] (WO2013/009966)  
[30] US (61/507,434) 2011-07-13

[21] **2,841,539**  
[13] A1

[51] **Int.Cl. A23L 1/015 (2006.01) A23L 1/01 (2006.01) A23L 1/217 (2006.01)**  
[25] EN  
[54] **LOW PRESSURE DEOILING OF FRIED FOOD PRODUCT**  
[54] **EXTRACTION D'HUILE A BASSE PRESSION A PARTIR DE PRODUITS ALIMENTAIRES FRITS**  
[72] BARBER, KEITH ALAN, US  
[72] KOH, CHRISTOPHER JAMES, US  
[72] PANDIT, RAM, US  
[72] SULLIVAN, SCOTT L., US  
[71] FRITO-LAY NORTH AMERICA, INC., US  
[85] 2014-01-09  
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[87] (WO2013/016222)  
[30] US (13/189,170) 2011-07-22

[21] **2,841,540**  
[13] A1

[51] **Int.Cl. A61K 31/4741 (2006.01) A61K 31/16 (2006.01) A61K 31/197 (2006.01) A61K 31/343 (2006.01) A61K 31/353 (2006.01) A61K 31/357 (2006.01) A61K 31/36 (2006.01) A61K 31/4184 (2006.01) A61K 31/44 (2006.01) A61K 31/47 (2006.01) A61K 31/472 (2006.01) A61P 31/04 (2006.01)**  
[25] EN  
[54] **INHIBITORS OF BACTERIAL TYPE III SECRETION SYSTEM**  
[54] **INHIBITEURS DU SYSTEME DE SECRETION BACTERIENNE DE TYPE III**  
[72] MOIR, DONALD T., US  
[72] AIELLO, DANIEL, US  
[72] PEET, NORTON P., US  
[72] WILLIAMS, JOHN D., US  
[72] TORHAM, MATTHEW, US  
[71] MICROBIOTIX, INC., US  
[85] 2014-01-10  
[86] 2012-07-13 (PCT/US2012/046693)  
[87] (WO2013/010089)  
[30] US (61/507,402) 2011-07-13

[21] **2,841,541**  
[13] A1

[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/17 (2006.01) A61P 19/04 (2006.01) C07K 14/705 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12N 15/12 (2006.01) C12N 15/62 (2006.01) C12Q 1/00 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR ALTERATION OF A CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR (CFTR) GENE**  
[54] **METHODES ET COMPOSITIONS DE MODIFICATION D'UN GENE REGULATEUR DE LA CONDUCTANCE TRANSMEMBRANAIRE DE LA MUCOVISCIDOSE (CFTR)**  
[72] GUSCHIN, DMITRY, US  
[72] HOLMES, MICHAEL C., US  
[72] TAM, PHILLIP, US  
[72] PASCHON, DAVID, US  
[71] SANGAMO BIOSCIENCES, INC., US  
[85] 2014-01-09  
[86] 2012-07-25 (PCT/US2012/048176)  
[87] (WO2013/016446)  
[30] US (61/511,434) 2011-07-25

[21] **2,841,543**  
[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 25/32 (2006.01) A01N 39/02 (2006.01) A01N 57/20 (2006.01) A01P 13/00 (2006.01) A23D 9/00 (2006.01) A23K 1/14 (2006.01) C07H 21/04 (2006.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12N 15/11 (2006.01) C12Q 1/68 (2006.01)**  
[25] EN  
[54] **STACKED HERBICIDE TOLERANCE EVENT 8264.42.32.1, RELATED TRANSGENIC SOYBEAN LINES, AND DETECTION THEREOF**  
[54] **EVENEMENT 8264.42.32.1 « EMPILE » DE TOLERANCE AUX HERBICIDES, LIGNEES DE SOJA TRANSGENIQUES ASSOCIEES ET DETECTION DUDIT EVENEMENT**  
[72] HOFFMAN, THOMAS, US  
[72] PARKHURST, DAWN MARIE, US  
[72] ZHOU, NING, US  
[72] PAREDDY, DAYAKAR, US  
[72] CUI, YUNXING CORY, US  
[72] BARD, NATHAN, US  
[72] TOLEDO, SANDRA GRACE, US  
[72] BRADFISCH, GREGORY ALAN, US  
[72] HELD, BRUCE, US  
[72] SEKAR, VAITHILINGAM, US  
[72] WANG, YANG, US  
[72] CLARK, LAUREN, US  
[72] RUSSELL, SEAN MICHAEL, US  
[72] SMITH, KELLEY ANN, US  
[72] WRIGHT, TERRY R., US  
[71] DOW AGROSCIENCES LLC, US  
[71] MS TECHNOLOGIES, LLC, US  
[85] 2014-01-10  
[86] 2012-07-13 (PCT/US2012/046706)  
[87] (WO2013/010094)  
[30] US (61/507,444) 2011-07-13  
[30] US (61/515,634) 2011-08-05

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[21] **2,841,545**  
[13] A1

[51] **Int.Cl. H04J 14/02 (2006.01) H04B 10/2575 (2013.01)**

[25] EN

[54] **RFOG CPE DEVICES WITH WAVELENGTH COLLISION AVOIDANCE USING LASER TRANSMITTER LOCAL AND/OR REMOTE TUNABILITY**

[54] **DISPOSITIFS CPE RFOG DE PREVENTION DE COLLISION DE LONGUEUR D'ONDE AU MOYEN D'UNE ACCORDABILITE LOCALE ET/OU DISTANTE D'EMETTEUR LASER**

[72] LANZA, JOSEPH P., US  
[72] COMBS, CHARLES D., US  
[71] AURORA NETWORKS, INC., US  
[85] 2014-01-09  
[86] 2012-07-25 (PCT/US2012/048187)  
[87] (WO2013/016450)  
[30] US (61/572,942) 2011-07-25  
[30] US (61/573,646) 2011-09-09

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[13] A1

[51] **Int.Cl. C07D 453/02 (2006.01) A61K 31/439 (2006.01) A61P 25/16 (2006.01) A61P 25/18 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **SALTS OF AZA-BICYCLIC DI-ARYL ETHERS AND METHODS TO MAKE THEM OR THEIR PRECURSORS**

[54] **SELS D'ETHERS DE DI-ARYLE AZA-BICYCLIQUES ET PROCEDES POUR LES PREPARER OU POUR PREPARER LEURS PRECURSEURS**

[72] MARTERER, WOLFGANG, CH  
[72] PRASHAD, MAHAVIR, US  
[72] VILLHAUER, EDWIN BERNARD, US  
[72] WAYKOLE, LILADHAR MURLIDHAR, US  
[72] VIVelo, JAMES ANTHONY, US  
[72] SUTTER, BERTRAND, CH  
[72] BIANCHI, JEAN-CLAUDE, CH  
[72] WU, RAEANN, US  
[72] HAR, DENIS, US  
[72] KARPINSKI, PIOTR H., US  
[72] PIGNONE, MASSIMO, CH  
[72] STINGELIN, DORIS, CH  
[72] BUERGER, ECKART, CH  
[71] NOVARTIS AG, CH  
[85] 2014-01-13  
[86] 2012-07-12 (PCT/EP2012/063712)  
[87] (WO2013/010916)  
[30] US (61/508,147) 2011-07-15

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[13] A1

[51] **Int.Cl. A61K 38/46 (2006.01) A61K 38/17 (2006.01) A61P 9/04 (2006.01) C12Q 1/34 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01) C12N 15/55 (2006.01)**

[25] EN

[54] **SUMOYLATION OF SERCA2A AND CARDIOVASCULAR DISEASE**

[54] **SUMOYLATION DE SERCA2A ET MALADIE CARDIOVASCULAIRE**

[72] HAJJAR, ROGER JOSEPH, US  
[72] KHO, CHANG WON, US  
[72] LEE, AH YOUNG, US  
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US  
[85] 2014-01-10  
[86] 2012-07-13 (PCT/US2012/046777)  
[87] (WO2013/010135)  
[30] US (61/507,526) 2011-07-13

[21] **2,841,549**  
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/50 (2006.01) A61K 31/55 (2006.01)**

[25] EN

[54] **TASTE MASKED PHARMACEUTICAL COMPOSITION**

[54] **COMPOSITION PHARMACEUTIQUE A GOUT MASQUE**

[72] FOLGER, MARTIN, DE  
[72] LEHNER, STEFAN, DE  
[72] GRAVE, ANNETTE, DE  
[72] POELLINGER, NORBERT, DE  
[72] SEIDLER, RANDOLPH, DE  
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE  
[85] 2014-01-13  
[86] 2012-08-10 (PCT/EP2012/065680)  
[87] (WO2013/024023)  
[30] EP (11177354.5) 2011-08-12

[21] **2,841,551**  
[13] A1

[51] **Int.Cl. C07K 16/10 (2006.01) C07K 14/11 (2006.01)**

[25] EN

[54] **NEUTRALIZING ANTI-INFLUENZA A VIRUS ANTIBODIES AND USES THEREOF**

[54] **ANTICORPS NEUTRALISANT LE VIRUS DE LA GRIPPE A, ET LEURS UTILISATIONS**

[72] LANZAVECCHIA, ANTONIO, CH  
[71] INSTITUTE FOR RESEARCH IN BIOMEDICINE, CH  
[85] 2014-01-13  
[86] 2011-07-18 (PCT/IB2011/002329)  
[87] (WO2013/011347)

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[21] **2,841,552**  
[13] A1

[51] **Int.Cl. C07D 473/06 (2006.01) A61K 31/522 (2006.01)**  
[25] EN  
[54] **SUBSTITUTED QUINAZOLINES, THE PREPARATION THEREOF AND THE USE THEREOF IN PHARMACEUTICAL COMPOSITIONS**  
[54] **QUINAZOLINES SUBSTITUEES, LA PREPARATION DE CELLES-CI ET L'UTILISATION DE CELLES-CI DANS DES COMPOSITIONS PHARMACEUTIQUES**  
[72] PFRENGLE, WALDEMAR, DE  
[72] FRANK, MARKUS, DE  
[72] KLEIN, THOMAS, DE  
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
[85] 2014-01-13  
[86] 2012-07-13 (PCT/EP2012/063852)  
[87] (WO2013/010964)  
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[13] A1

[51] **Int.Cl. A45C 5/08 (2006.01) A45C 13/26 (2006.01) A45F 5/00 (2006.01) A45F 5/10 (2006.01)**  
[25] EN  
[54] **TRAVEL COVER WITH A SWIVEL HANDLE**  
[54] **SAC DE TRANSPORT AVEC POIGNEE PIVOTANTE**  
[72] KLEVANA, LEIGHTON, US  
[72] MIYASHITA, ED, US  
[71] DYNAMIC BRANDS, LLC, US  
[85] 2014-01-13  
[86] 2012-03-01 (PCT/US2012/027239)  
[87] (WO2013/009366)  
[30] US (13/181,564) 2011-07-13

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[21] **2,841,555**  
[13] A1

[51] **Int.Cl. H05K 7/20 (2006.01) G06F 1/20 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR HOT AISLE/COLD AISLE DATA CENTER FIRE SUPPRESSION**  
[54] **PROCEDES ET APPAREIL POUR EXTINCTION DE FEU DE CENTRE DE DONNEES A AILE CHAUDE/AILE FROIDE**  
[72] ECKHOLM, WILLIAM A., US  
[72] HOFFMAN, WILLIAM DAVID, US  
[71] FIRETRACE USA, LLC, US  
[85] 2014-01-09  
[86] 2012-07-26 (PCT/US2012/048387)  
[87] (WO2013/016568)  
[30] US (61/511,816) 2011-07-26

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[21] **2,841,556**  
[13] A1

[51] **Int.Cl. G09B 19/00 (2006.01)**  
[25] EN  
[54] **METHODS FOR REDUCING CHILDHOOD OBESITY**  
[54] **PROCEDE DE REDUCTION DE L'OBESITE INFANTILE**  
[72] SAAVEDRA, JOSE MARIA, US  
[72] STORM, HEIDI MARIE, US  
[72] DATTILO, ANNE MCLAUGHLIN, US  
[72] MOORE, NANCY ANNE, US  
[72] UESUGI, KERIANN HUNTER, US  
[71] NESTEC S.A., CH  
[85] 2014-01-10  
[86] 2012-07-20 (PCT/US2012/047550)  
[87] (WO2013/016169)  
[30] US (61/510,612) 2011-07-22  
[30] US (61/560,329) 2011-11-16

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[13] A1

[51] **Int.Cl. H04N 5/32 (2006.01) H04N 5/353 (2011.01) H04N 5/374 (2011.01) H04N 5/232 (2006.01)**  
[25] EN  
[54] **METHOD FOR CONTROLLING A PHOTODETECTOR BY AUTOMATICALLY DETECTING INCIDENT RADIATION**  
[54] **PROCEDE DE COMMANDE D'UN DETECTEUR PHOTOSENSIBLE PAR DETECTION AUTOMATIQUE D'UN RAYONNEMENT INCIDENT**  
[72] BLANCHON, DAVID, FR  
[72] COUDER, DAVID, FR  
[72] CANDIARD, BENOIT, FR  
[71] TRIXELL, FR  
[85] 2014-01-13  
[86] 2012-07-09 (PCT/EP2012/063416)  
[87] (WO2013/007695)  
[30] FR (1156419) 2011-07-13

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[21] **2,841,559**  
[13] A1

[51] **Int.Cl. F28D 15/00 (2006.01)**  
[25] EN  
[54] **BOP HEATING METHODS AND SYSTEMS AND HEAT EXCHANGE UNITS**  
[54] **PROCEDES ET SYSTEMES DE CHAUFFAGE DE BOP, ET MODULES ECHANGEURS DE CHALEUR**  
[72] ROBB, SAMUEL, CA  
[72] COLQUHOUN, JAMES, CA  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2014-01-13  
[86] 2012-05-24 (PCT/US2012/039263)  
[87] (WO2013/009396)  
[30] US (13/183,330) 2011-07-14

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[21] **2,841,561**  
[13] A1

[51] **Int.Cl. G01V 1/22 (2006.01)**  
[25] EN  
[54] **SEISMIC GEOPHYSICAL SURVEYING USING A FIBRE OPTIC DISTRIBUTED SENSING APPARATUS**  
[54] **PROSPECTION GEOPHYSIQUE SISMIQUE**  
[72] LEWIS, ANDREW, GB  
[72] RUSSELL, STUART, GB  
[71] OPTASENSE HOLDINGS LIMITED, GB  
[85] 2014-01-13  
[86] 2012-07-12 (PCT/GB2012/051652)  
[87] (WO2013/011283)  
[30] GB (1112154.8) 2011-07-15

[21] **2,841,562**  
[13] A1

[51] **Int.Cl. A43B 13/12 (2006.01) A43B 7/14 (2006.01) A43B 13/18 (2006.01)**  
[25] EN  
[54] **FOOTWEAR**  
[54] **CHAUSSURES**  
[72] SULLIVAN, DANIEL A., US  
[72] MAHONEY, CHRISTOPHER J., US  
[71] SAUCONY IP HOLDINGS LLC, US  
[85] 2014-01-13  
[86] 2012-07-11 (PCT/US2012/046149)  
[87] (WO2013/012626)  
[30] US (13/186,233) 2011-07-19

[21] **2,841,567**  
[13] A1

[51] **Int.Cl. G09B 23/28 (2006.01)**  
[25] EN  
[54] **METHODS FOR REDUCING CHILDHOOD OBESITY AND FOR CALCULATING CHILDHOOD OBESITY RISK**  
[54] **PROCEDES DE REDUCTION DE L'OBESITE INFANTILE ET DE CALCUL DU RISQUE D'OBESITE INFANTILE**  
[72] SAAVEDRA, JOSE MARIA, US  
[72] STORM, HEIDI MARIE, US  
[72] DATTILO, ANNE MCLAUGHLIN, US  
[72] MOORE, NANCY ANNE, US  
[72] UESUGI, KERIANN HUNTER, US  
[71] NESTEC S.A., CH  
[85] 2014-01-10  
[86] 2012-07-20 (PCT/US2012/047554)  
[87] (WO2013/016171)  
[30] US (61/510,612) 2011-07-22  
[30] US (61/560,329) 2011-11-16  
[30] US (61/672,945) 2012-07-18

[21] **2,841,573**  
[13] A1

[51] **Int.Cl. A61K 35/12 (2006.01) C12N 5/071 (2010.01) A01N 1/02 (2006.01)**  
[25] EN  
[54] **OXIDATION RESISTANT BIOPROSTHETIC TISSUES AND PREPARATION THEREOF**  
[54] **TISSUS BIOPROTHETIQUES RESISTANT A L'OXYDATION ET LEUR PREPARATION**  
[72] LEVY, ROBERT J., US  
[72] ALFERIEV, IVAN, US  
[72] STACHELEK, STANLEY, US  
[72] CONNOLLY, JEANNE M., US  
[72] CHRISTIAN, ABIGAIL, US  
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US  
[85] 2014-01-13  
[86] 2012-07-11 (PCT/US2012/046226)  
[87] (WO2013/009851)  
[30] US (61/506,400) 2011-07-11

[21] **2,841,575**  
[13] A1

[51] **Int.Cl. B60S 1/04 (2006.01) B60Q 1/00 (2006.01) B60S 1/58 (2006.01) B62D 35/00 (2006.01)**  
[25] EN  
[54] **WINDSHIELD WIPER MODULE**  
[54] **MODULE ESSUIE-GLACE**  
[72] CRANE, MICHAEL WILLIAM, US  
[72] SANSOTERRA, BRIAN CHRISTOPHER, US  
[72] GUSCHEWSKI, NORMAN, US  
[71] MAGNA INTERNATIONAL INC., CA  
[85] 2014-01-10  
[86] 2012-07-20 (PCT/US2012/047612)  
[87] (WO2013/016195)  
[30] US (61/572,831) 2011-07-22

[21] **2,841,576**  
[13] A1

[51] **Int.Cl. C12N 1/00 (2006.01) A23L 1/30 (2006.01) A61K 35/74 (2006.01)**  
[25] EN  
[54] **BACTERIAL STRAINS ISOLATED FROM PIGS**  
[54] **SOUCHES BACTERIENNES ISOLEES DE PORCS**  
[72] KELLY, DENISE, GB  
[71] GT BIOLOGICS LTD, GB  
[85] 2014-01-13  
[86] 2012-07-13 (PCT/GB2012/051686)  
[87] (WO2013/008039)  
[30] GB (1112091.2) 2011-07-14

[21] **2,841,577**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/53 (2006.01) G01N 33/58 (2006.01)**  
[25] EN  
[54] **AKT-SPECIFIC CAPTURE AGENTS, COMPOSITIONS, AND METHODS OF USING AND MAKING**  
[54] **AGENTS DE CAPTURE SPECIFIQUES DE AKT, COMPOSITIONS ET LEURS PROCEDES D'UTILISATION ET DE FABRICATION**  
[72] HEATH, JAMES, US  
[72] NAG, ARUNDHATI, US  
[72] DAS, SAMIR, US  
[72] DEYLE, KAYCIE, US  
[72] MILLWARD, STEVEN WESLEY, US  
[72] KEARNEY, PAUL, CA  
[71] INDI MOLECULAR, INC., US  
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US  
[85] 2014-01-13  
[86] 2012-07-11 (PCT/US2012/046253)  
[87] (WO2013/009869)  
[30] US (61/506,560) 2011-07-11  
[30] US (61/597,628) 2012-02-10  
[30] US (61/598,614) 2012-02-14

[21] **2,841,580**  
[13] A1

[51] **Int.Cl. G21C 1/01 (2006.01)**  
[25] EN  
[54] **NUCLEAR STEAM GENERATOR STEAM NOZZLE FLOW RESTRICTOR**  
[54] **REDUCTEUR DE DEBIT D'INJECTEUR DE VAPEUR POUR CHAUDIERE NUCLEAIRE**  
[72] WEPFER, ROBERT M., US  
[71] WESTINGHOUSE ELECTRIC COMPANY LLC, US  
[85] 2014-01-13  
[86] 2012-07-12 (PCT/US2012/046340)  
[87] (WO2013/019374)  
[30] US (13/197,010) 2011-08-03

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[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01)**  
[25] EN  
[54] **HETEROGENEOUS PROPPANT PLACEMENT IN A FRACTURE WITH REMOVABLE EXTRAMETRICAL MATERIAL FILL**

[54] **POSITIONNEMENT HETEROGENE D'AGENT DE SOUTENEMENT DANS UNE FRACTURE AVEC REMPLISSAGE PAR MATERIAU EXTRA-METRIQUE ELIMINABLE**

[72] LITVINETS, FEDOR NIKOLAEVICH, RU  
[72] BOGDAN, ANDREY VLADIMIROVICH, RU  
[72] MAKARYCHEV-MIKHAILOV, SERGEY MIKHAILOVICH, RU  
[72] MEDVEDEV, OLEG, UA  
[72] PENA, ALEJANDRO, US  
[72] LYAPUNOV, KONSTANTIN MIKHAILOVICH, RU  
[72] MIKHAYLOV, ALEXANDER VUACHESLAVOVICH, RU  
[72] LESKO, TIMOTHY M., US  
[72] WILLBERG, DEAN M., US  
[72] KOSAREV, IVAN VITALIEVICH, RU  
[72] MEDVEDEV, ANATOLY VLADIMIROVICH, RU  
[72] ABBOTT, JONATHAN, GB  
[72] BURUKHIM, ALEXANDER ALEXANDROVICH, RU  
[72] BROWN, J. ERNEST, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2014-01-13  
[86] 2012-07-16 (PCT/US2012/046847)  
[87] (WO2013/012772)  
[30] US (61/572,354) 2011-07-15  
[30] US (13/548,760) 2012-07-13

[21] **2,841,585**  
[13] A1

[51] **Int.Cl. H04W 4/06 (2009.01)**  
[25] EN  
[54] **RECEIVING CELL BROADCAST (CB) MESSAGES**

[54] **RECEPTION DE MESSAGES DE DIFFUSION CELLULAIRE (CB)**

[72] DHANDA, MUNGAL SINGH, US  
[72] ROBINSON, NIGEL PHILLIP, US  
[72] GUPTA, AJIT, US  
[72] WALKE, SIMON, US  
[72] JANGA, BHANU KIRAN, US  
[72] KANTHALA, VENKATA RAJI REDDY, US  
[72] MUTYA, SUBBARAYUDU, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2014-01-13  
[86] 2012-07-13 (PCT/US2012/046736)  
[87] (WO2013/012742)  
[30] US (61/508,528) 2011-07-15  
[30] US (61/599,205) 2012-02-15  
[30] US (13/547,896) 2012-07-12

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[13] A1

[51] **Int.Cl. H01R 13/00 (2006.01) H02J 13/00 (2006.01)**  
[25] EN  
[54] **ELECTRICAL DEVICE INSTALLATION IMPROVEMENT**

[54] **AMELIORATION RELATIVE A UNE INSTALLATION DE DISPOSITIF ELECTRIQUE**

[72] GELONESE, GUISEPPE ANTONIO, AU  
[71] EMBERTEC PTY LTD, AU  
[85] 2014-01-13  
[86] 2012-07-12 (PCT/AU2012/000840)  
[87] (WO2013/006916)  
[30] AU (2011902785) 2011-07-13

[21] **2,841,588**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/40 (2006.01)**  
[25] EN  
[54] **STABILIZED FORMULATIONS CONTAINING ANTI-PCSK9 ANTIBODIES**

[54] **FORMULATIONS STABILISEES CONTENANT DES ANTICORPS ANTI-PCSK9**

[72] WALSH, SCOTT, US  
[72] DIX, DANIEL, US  
[71] REGENERON PHARMACEUTICALS, INC., US  
[85] 2014-01-13  
[86] 2012-07-27 (PCT/US2012/048574)  
[87] (WO2013/016648)  
[30] US (61/512,666) 2011-07-28

[21] **2,841,590**  
[13] A1

[51] **Int.Cl. G01R 21/133 (2006.01)**  
[25] EN  
[54] **POWER DETERMINATION FROM SEPARATED VOLTAGE AND CURRENT SENSORS**

[54] **DETERMINATION DE PUISSANCE A L'AIDE DE CAPTEURS DE TENSION ET DE COURANT SEPARES**

[72] FILIPPENKO, ALEXANDER, US  
[72] BROWN, SCOTT, US  
[72] BUDA, PAUL, US  
[71] SCHNEIDER ELECTRIC USA, INC., US  
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[13] A1

[51] **Int.Cl. E21B 47/16 (2006.01) G01V 3/34 (2006.01)**  
[25] EN  
[54] **SMART DROP-OFF TOOL AND HANG-OFF TOOL FOR A LOGGING STRING**  
[54] **OUTIL DE DEPOSE INTELLIGENT ET OUTIL DE SUSPENSION POUR UNE CHAINE D'EXPLOITATION**  
[72] MACRAE, JONATHAN, US  
[72] FINCI, BULENT, US  
[72] AIVALIS, JAMES G., US  
[72] WELLS, PETER, US  
[72] PORTER, ROBERT CRISPIN, US  
[71] THRUBIT B.V., NL  
[85] 2014-01-13  
[86] 2012-07-11 (PCT/US2012/046220)  
[87] (WO2013/009847)  
[30] US (13/182,493) 2011-07-14

[21] **2,841,593**  
[13] A1

[51] **Int.Cl. B60P 1/28 (2006.01) B60P 9/00 (2006.01) B62D 25/20 (2006.01)**  
[25] EN  
[54] **VEHICLE BODY WITH A CURVED METAL PLATE FLOOR**  
[54] **CARROSSERIE DE VEHICULE AVEC PLANCHER EN PLAQUE METALLIQUE INCURVEE**  
[72] DICKERSON, ALAN WILLIAM, AU  
[71] DICKERSON, ALAN WILLIAM, AU  
[85] 2014-01-14  
[86] 2012-07-23 (PCT/AU2012/000867)  
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[30] AU (2011902965) 2011-07-25

[21] **2,841,594**  
[13] A1

[51] **Int.Cl. B23K 35/40 (2006.01) B23K 35/02 (2006.01) B23K 35/24 (2006.01) B23K 35/30 (2006.01) B23K 35/36 (2006.01) B23K 35/362 (2006.01) C21D 9/00 (2006.01) C21D 9/52 (2006.01) C22C 38/18 (2006.01) C22C 38/28 (2006.01)**  
[25] EN  
[54] **A FLUX-CORED WELDING WIRE, THE METHOD FOR MANUFACTURING THE SAME AND USING OF THE SAME**  
[54] **FIL DE SOUDAGE FOURRE, PROCEDE DE FABRICATION ET D'UTILISATION DE CELUI-CI**  
[72] CHEN, FUHU, CN  
[72] YAN, JIE, CN  
[71] ILLINOIS TOOL WORKS INC., US  
[85] 2014-01-13  
[86] 2012-07-12 (PCT/US2012/046399)  
[87] (WO2013/009951)  
[30] CN (201110196187.3) 2011-07-13

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[13] A1

[51] **Int.Cl. G01N 29/22 (2006.01) F16L 55/28 (2006.01) G01N 29/265 (2006.01)**  
[25] EN  
[54] **METHOD AND SENSOR MOUNT FOR MEASURING SEAM PEAKING IN PIPES BY MEANS OF ULTRASONIC INSPECTION**  
[54] **PROCEDE ET SUPPORT DE CAPTEURS POUR LA MESURE DES DEFAUTS LONGITUDINAUX DE SOUDAGE SUR CONDUITES TUBULAIRES, A L'AIDE D'ESSAIS AUX ULTRASONS**  
[72] SCHWARZ, AXEL, DE  
[71] NDT GLOBAL GMBH & CO. KG, DE  
[85] 2014-01-14  
[86] 2012-07-13 (PCT/EP2012/002950)  
[87] (WO2013/020628)  
[30] DE (10 2011 109 717.5) 2011-08-06

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[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 9/42 (2006.01) C12P 19/14 (2006.01)**  
[25] EN  
[54] **MUTANT .BETA.-GLUCOSIDASE, ENZYME COMPOSITION FOR DECOMPOSING BIOMASS, AND METHOD OF PRODUCING SUGAR SOLUTION**  
[54] **?-GLUCOSIDASE MUTANTE, COMPOSITION ENZYMATIQUE APTE A DECOMPOSER UNE BIOMASSE, ET PROCEDE DE PRODUCTION D'UNE SOLUTION DE SUCRE**  
[72] KURIHARA, HIROYUKI, JP  
[72] YAMADA, KATSUSHIGE, JP  
[72] ISHIKAWA, KAZUHIKO, JP  
[72] MISHIMA, YUMIKO, JP  
[72] WADA, YASUNOBU, JP  
[72] KADO, YUJI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2014-01-13  
[86] 2012-01-13 (PCT/JP2012/050539)  
[87] (WO2013/008480)  
[30] JP (2011-155792) 2011-07-14

[21] **2,841,601**  
[13] A1

[51] **Int.Cl. A61B 5/0416 (2006.01) A61B 5/04 (2006.01) A61B 5/0402 (2006.01)**  
[25] EN  
[54] **ECG ELECTRODE CONNECTOR**  
[54] **CONNECTEUR POUR ELECTRODE D'ECG**  
[72] ZHOU, DAVID, CN  
[72] YU, PETER, CN  
[71] COVIDIEN LP, US  
[85] 2014-01-14  
[86] 2011-07-22 (PCT/CN2011/077506)  
[87] (WO2013/013370)

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[51] <b>Int.Cl. C12N 7/02 (2006.01)</b> [25] EN [54] <b>PROCESS FOR PRODUCING VIRAL ANTIGEN AND VACCINES</b> [54] <b>PROCEDE POUR PRODUIRE UN ANTIGENE VIRAL ET DES VACCINS</b> [72] CUI, YI-QING, NL [72] WANG, YIDING, NL [72] THUS, JO, NL [72] VAN 'T HOF, RON, NL [72] SHAKER, SABAH, NL [72] VAN ROOIJ, GEERTJE JACOBA, NL [71] ABBOTT BIOLOGICALS B.V., NL [85] 2014-01-14 [86] 2012-07-04 (PCT/EP2012/063045) [87] (WO2013/010797) [30] EP (11174660.8) 2011-07-20 [30] US (61/509,630) 2011-07-20	[51] <b>Int.Cl. G06F 15/16 (2006.01)</b> [25] EN [54] <b>SYSTEM AND METHOD FOR AUTOMATIC AND DYNAMIC LAYOUT DESIGN FOR MEDIA BROADCAST</b> [54] <b>SYSTEME ET PROCEDE DE CONCEPTION DE MISE EN PAGE AUTOMATIQUE ET DYNAMIQUE POUR DIFFUSION MULTIMEDIA</b> [72] ZAROM, RONY, US [71] WATCHITOO, INC., US [85] 2014-01-13 [86] 2012-07-12 (PCT/US2012/046491) [87] (WO2013/009996) [30] US (61/507,447) 2011-07-13 [30] US (13/212,368) 2011-08-18	[51] <b>Int.Cl. B65C 3/02 (2006.01) B65C 9/32 (2006.01)</b> [25] EN [54] <b>WRAPPER ASSEMBLY</b> [54] <b>ENSEMBLE ENROULEUR</b> [72] WITKIEWICZ, ADAM, US [71] BRADY WORLDWIDE, INC., US [85] 2014-01-13 [86] 2012-07-13 (PCT/US2012/046710) [87] (WO2013/012735) [30] US (13/185,832) 2011-07-19
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[51] <b>Int.Cl. G06F 12/14 (2006.01)</b> [25] EN [54] <b>FILE ENCRYPTION METHOD AND DEVICE, FILE DECRYPTION METHOD AND DEVICE</b> [54] <b>PROCEDE ET DISPOSITIF DE CHIFFREMENT DE FICHIERS, PROCEDE ET DISPOSITIF DE DECHIFFREMENT DE FICHIERS</b> [72] BI, TINGLI, CN [71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN [85] 2014-01-14 [86] 2012-06-14 (PCT/CN2012/076890) [87] (WO2013/040915) [30] CN (201110283896.5) 2011-09-22	[51] <b>Int.Cl. E21B 34/04 (2006.01) E21B 17/01 (2006.01) E21B 33/035 (2006.01)</b> [25] EN [54] <b>INTERNAL RISER ROTATING FLOW CONTROL DEVICE</b> [54] <b>DISPOSITIF ROTATIF DE REGULATION D'ECOULEMENT A L'INTERIEUR D'UNE COLONNE MONTANTE</b> [72] BOYD, MICHAEL, CA [71] ELITE ENERGY IP HOLDINGS LTD., CA [85] 2014-01-13 [86] 2012-07-16 (PCT/CA2012/000674) [87] (WO2013/006963) [30] US (61/507,873) 2011-07-14	[51] <b>Int.Cl. B41J 2/00 (2006.01)</b> [25] EN [54] <b>AUTOMATICALLY ADJUSTING PRINTING PARAMETERS USING MEDIA IDENTIFICATION</b> [54] <b>ADAPTATION AUTOMATIQUE DE PARAMETRES D'IMPRESSION PAR IDENTIFICATION DE SUPPORT</b> [72] BOUVERIE, WILLIAM M., US [72] HITZ, MARK ALLEN, US [72] HATLE, RICHARD, US [71] DATAMAX-O'NEIL CORPORATION, US [85] 2014-01-13 [86] 2012-07-13 (PCT/US2012/046712) [87] (WO2013/010097) [30] US (61/507,715) 2011-07-14 [30] US (13/548,882) 2012-07-13
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[51] <b>Int.Cl. C01B 13/10 (2006.01)</b> [25] EN [54] <b>AN OZONE GENERATOR</b> [54] <b>GENERATEUR D'OZONE</b> [72] KALHOJ, MARK, DK [72] SKJOLSTRUP, JENS, DK [71] DESMI OCEAN GUARD A/S, DK [85] 2014-01-14 [86] 2012-07-13 (PCT/EP2012/063791) [87] (WO2013/010941) [30] DK (PA 2011 70389) 2011-07-15	[51] <b>Int.Cl. F03B 7/00 (2006.01)</b> [25] EN [54] <b>DEVICE FOR OBTAINING ELECTRICAL ENERGY FROM WATER POWER</b> [54] <b>DISPOSITIF DE PRODUCTION D'ENERGIE ELECTRIQUE A PARTIR D'ENERGIE D'ORIGINE HYDRAULIQUE</b> [72] WIDMER, FELIX, CH [71] WRH WALTER REIST HOLDING AG, CH [85] 2014-01-13 [86] 2012-04-27 (PCT/CH2012/000094) [87] (WO2013/013328) [30] CH (1233/11) 2011-07-22	

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[51] **Int.Cl. G06Q 30/08 (2012.01) G06Q 30/06 (2012.01)**  
[25] EN  
[54] **VEHICLE DESIRABILITY AND STOCKING BASED ON LIVE MARKETS**  
[54] **SOUHAITABILITE ET APPROVISIONNEMENT DE VEHICULE SUR LA BASE DE MARCHES EN DIRECT**  
[72] POLLAK, DALE, US  
[72] CHIOVARI, MICHAEL A., US  
[72] HAWKINS, DAVID, US  
[72] STUTSMAN, CHRIS MATTHEW, US  
[71] VAUTO, INC., US  
[85] 2014-01-09  
[86] 2012-07-27 (PCT/US2012/048545)  
[87] (WO2013/016637)  
[30] US (61/512,263) 2011-07-27

[21] **2,841,617**  
[13] A1

[51] **Int.Cl. G21G 1/00 (2006.01)**  
[25] EN  
[54] **PROCESS FOR PRODUCING TC-99M**  
[54] **PROCESSUS DE PRODUCTION DE TC-99M**  
[72] BARBOSA, LUIS A.M.M., NL  
[71] MALLINCKRODT LLC, US  
[85] 2014-01-13  
[86] 2012-07-13 (PCT/US2012/046574)  
[87] (WO2013/010047)  
[30] GB (1112051.6) 2011-07-13

[21] **2,841,618**  
[13] A1

[51] **Int.Cl. B60R 22/405 (2006.01)**  
[25] EN  
[54] **SEAT BELT WEB RETRACTORS AND ASSOCIATED SYSTEMS AND METHODS**  
[54] **RETRACTEURS DE SANGLE DE CEINTURE DE SECURITE ET SYSTEMES ET PROCEDES ASSOCIES**  
[72] CLARK, JOHN, US  
[72] KOHLNDORFER, KEN, US  
[72] DESMARAIS, ROBERT, US  
[72] BETTERIDGE, GRAHAM, GB  
[72] PHILLIPS, MARTIN, GB  
[72] TOTH, ANDY, US  
[72] FLORA, BRUCE, US  
[72] MARRIOTT, BRANDON, US  
[72] WISEMAN, MICHAEL ALAN, US  
[72] HAMILTON, RUTH, US  
[71] AMSAFE COMMERCIAL PRODUCTS, INC., US  
[85] 2014-01-09  
[86] 2012-08-03 (PCT/US2012/049661)  
[87] (WO2013/020120)  
[30] US (61/514,743) 2011-08-03

[21] **2,841,621**  
[13] A1

[51] **Int.Cl. G06Q 30/08 (2012.01)**  
[25] EN  
[54] **COMPUTER SYSTEM AND METHOD FOR CONDUCTING AUCTIONS OVER A COMPUTER NETWORK**  
[54] **SYSTEME INFORMATIQUE ET PROCEDE DE CONDUITE DE VENTES AUX ENCHERES SUR UN RESEAU INFORMATIQUE**  
[72] SHAH, CHIRAG, GB  
[72] BUXTON, ALAN, GB  
[72] PAZNIAK, IVAN, BY  
[72] BELARUSETS, YAUHENI, BY  
[72] GERTYCH, DARIUSZ, PL  
[71] SBB BUSINESS SERVICES LTD, GB  
[85] 2014-01-13  
[86] 2012-07-13 (PCT/GB2012/051674)  
[87] (WO2013/008031)  
[30] GB (1112032.6) 2011-07-13  
[30] GB (1119422.2) 2011-11-10

[21] **2,841,624**  
[13] A1

[51] **Int.Cl. F25J 1/00 (2006.01)**  
[25] EN  
[54] **LIQUEFIED NATURAL GAS PLANT WITH ETHYLENE INDEPENDENT HEAVIES RECOVERY SYSTEM**  
[54] **INSTALLATION DE PRODUCTION DE GAZ NATUREL LIQUEFIE COMPORTANT UN SYSTEME DE RECUPERATION DE PRODUITS LOURDS INDEPENDANT DE L'ETHYLENE**  
[72] MOCK, JON M., US  
[72] EVANS, MEGAN V., US  
[72] PRADERIO, ATTILIO J., US  
[71] CONOCOPHILLIPS COMPANY, US  
[85] 2014-01-09  
[86] 2012-08-09 (PCT/US2012/050147)  
[87] (WO2013/028363)  
[30] US (61/522,049) 2011-08-10  
[30] US (13/570,690) 2012-08-09

[21] **2,841,627**  
[13] A1

[51] **Int.Cl. E21B 33/10 (2006.01)**  
[25] EN  
[54] **METHOD AND DEVICE FOR EMERGENCY KILLING OF AN UNDERWATER OIL/GAS WELL**  
[54] **PROCEDE DE COLMATAGE D'UN PUIT SOUS-MARIN ET DISPOSITIF DE MISE EN OEUVRE**  
[72] MATSUR, IGOR YURIEVICH, RU  
[71] MATSUR, IGOR YURIEVICH, RU  
[85] 2014-01-13  
[86] 2011-05-11 (PCT/RU2011/000319)  
[87] (WO2012/008870)  
[30] RU (2010129040) 2010-07-14

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[13] A1

[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/542 (2006.01) A61K 31/546 (2006.01) A61P 35/00 (2006.01) C07D 513/14 (2006.01)**

[25] EN

[54] **TRICYCLIC INHIBITORS OF KINASES USEFUL FOR THE TREATMENT OF PROLIFERATIVE DISEASES**

[54] **INHIBITEURS TRICYCLIQUES DE KINASES UTILES POUR LE TRAITEMENT DES MALADIES PROLIFERATIVES**

[72] WOODS, KEITH W., US

[72] LAI, CHUNQIU, US

[72] PENNING, THOMAS D., US

[72] MIYASHIRO, JULIE, US

[71] ABBVIE INC., US

[85] 2014-01-14

[86] 2012-07-12 (PCT/US2012/046482)

[87] (WO2013/012681)

[30] US (61/508,157) 2011-07-15

[21] **2,841,632**  
[13] A1

[51] **Int.Cl. A61K 31/4174 (2006.01) A61K 9/00 (2006.01) A61K 47/32 (2006.01) A61K 47/38 (2006.01) A61P 17/00 (2006.01)**

[25] EN

[54] **GEL COMPOSITIONS OF OXYMETAZOLINE AND METHODS OF USE**

[54] **COMPOSITIONS DE GEL D'OXYMETAZOLINE ET LEURS PROCEDES D'UTILISATION**

[72] SHANLER, STUART D., US

[72] POWALA, CHRISTOPHER, US

[72] BROWN, MARC BARRY, GB

[72] LIM, SIAN TIONG, GB

[72] GREENAWAY EVANS, CHARLES RODNEY, GB

[71] ALLERGAN, INC., US

[85] 2014-01-14

[86] 2012-07-12 (PCT/US2012/046547)

[87] (WO2013/010032)

[30] US (61/507,926) 2011-07-14

[21] **2,841,637**  
[13] A1

[51] **Int.Cl. G01G 19/02 (2006.01)**

[25] EN

[54] **SYSTEM TO DETERMINE IF A VEHICLE IS CORRECTLY POSITIONED DURING WEIGHING, A SCALE TICKET DATA SYSTEM AND METHODS FOR USING THE SAME**

[54] **SYSTEME POUR DETERMINER SI UN VEHICULE EST CORRECTEMENT POSITIONNE PENDANT UNE PESEE, SYSTEME DE DONNEES POUR BULLETINS DE PESAGE ET PROCEDES POUR SON UTILISATION**

[72] SASSER, CALVIN S., US

[71] INTERNATIONAL PAPER COMPANY, US

[85] 2014-01-14

[86] 2012-07-13 (PCT/US2012/046585)

[87] (WO2013/012695)

[30] US (13/183,719) 2011-07-15

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[13] A1

[51] **Int.Cl. A01K 1/03 (2006.01) A01C 3/04 (2006.01)**

[25] EN

[54] **MANURE-REMOVAL DEVICE**

[54] **DISPOSITIF D'ENLEVEMENT DE FUMIER**

[72] HILLFORTH, MIKAEL, NL

[72] VAN DEN BEUKEL, HUIBRECHT JOHANNES ARJEN, NL

[72] CLEMENTS, PETER HENRY, NL

[71] LELY PATENT N.V., NL

[85] 2014-01-14

[86] 2012-07-03 (PCT/EP2012/062904)

[87] (WO2013/010785)

[30] NL (2007115) 2011-07-15

[21] **2,841,635**  
[13] A1

[51] **Int.Cl. C21D 9/60 (2006.01)**

[25] EN

[54] **APPARATUS FOR PRODUCING ANNEALED STEELS AND PROCESS FOR PRODUCING SAID STEELS**

[54] **APPAREIL DE PRODUCTION D'ACIERS RECUTS ET PROCEDE DE PRODUCTION DE CES ACIERS**

[72] BERKHOUT, BASJAN, NL

[72] HANLON, DAVID NEAL, NL

[72] CELOTTO, STEVEN, NL

[72] PAULUSSEN, GERARDUS JACOBUS, NL

[72] VERBERNE, JACQUES PIERRE JEAN, NL

[71] TATA STEEL IJMUIDEN BV, NL

[71] TATA STEEL NEDERLAND TECHNOLOGY BV, NL

[85] 2014-01-14

[86] 2012-07-15 (PCT/EP2012/063860)

[87] (WO2013/010968)

[30] EP (11174195.5) 2011-07-15

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[13] A1

[51] **Int.Cl. H02M 7/44 (2006.01) H02M 1/36 (2007.01) H02M 7/42 (2006.01)**

[25] EN

[54] **INVERTER CIRCUIT**

[54] **CIRCUIT D'ONDULEUR**

[72] LU, YUANCHENG, CN

[72] HONG, WEIBI, CN

[71] NEW FOCUS LIGHTING & POWER TECHNOLOGY (SHANGHAI) CO., LTD., CN

[85] 2014-01-13

[86] 2011-07-15 (PCT/CN2011/077193)

[87] (WO2013/000182)

[30] CN (201110182169.X) 2011-06-30

[21] **2,841,640**  
[13] A1

[51] **Int.Cl. G05B 13/04 (2006.01) G05B 17/02 (2006.01)**

[25] EN

[54] **REGULATION METHOD**

[54] **PROCEDE DE REGULATION**

[72] HISSEL, ANNE-MARIE, FR

[72] DE LARMINAT, PHILIPPE, FR

[71] ALSTOM TECHNOLOGY LTD, CH

[85] 2014-01-14

[86] 2012-07-20 (PCT/EP2012/064283)

[87] (WO2013/011123)

[30] EP (11290331.5) 2011-07-20

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[13] A1  
[51] **Int.Cl. C12N 5/071 (2010.01)**  
[25] EN  
[54] **IN VITRO HEPATIC DIFFERENTIATION**  
[54] **DIFFERENCIATION HEPATIQUE IN VITRO**  
[72] VALLIER, LUDOVIC, GB  
[72] RASHID, SHEIKH TAMIR, GB  
[72] HANNAN, NICHOLAS, GB  
[72] CHO, HSIN-HUA, GB  
[71] CAMBRIDGE ENTERPRISE LIMITED, GB  
[85] 2014-01-14  
[86] 2011-08-25 (PCT/GB2011/001275)  
[87] (WO2012/025725)  
[30] GB (1014169.5) 2010-08-25

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[13] A1  
[51] **Int.Cl. F23K 3/02 (2006.01) F23N 1/02 (2006.01) F23N 5/18 (2006.01) G01F 1/64 (2006.01) G01F 1/712 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR CONTROLLING THE FUEL-AIR RATIO IN THE COMBUSTION OF GROUND COAL IN A FIRING SYSTEM OF A COAL-FIRED POWER STATION**  
[54] **DISPOSITIF ET PROCEDE DE REGULATION DU RAPPORT AIR-COMBUSTIBLE LORS DE LA COMBUSTION DE CHARBON BROYE, DANS UNE INSTALLATION DE COMBUSTION D'UNE CENTRALE AU CHARBON**  
[72] CONRADS, HANS GEORG, DE  
[72] HALM, ALEXANDER, DE  
[72] BOHM, MARTIN, DE  
[71] PROMECON PROZESS- UND MESSTECHNIK CONRADS GMBH, DE  
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[87] (WO2013/007239)  
[30] DE (10 2011 107 195.8) 2011-07-13

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[13] A1  
[51] **Int.Cl. A61F 13/15 (2006.01) A61F 13/49 (2006.01) D04H 5/08 (2012.01)**  
[25] EN  
[54] **A METHOD AND APPARATUS TO TEMPORARILY RESTRAIN STRETCHABLE NON-WOVEN FABRIC**  
[54] **PROCEDE ET APPAREIL POUR CONTRAINDRE TEMPORAIREMENT UN TISSU NON TISSE ETIRABLE**  
[72] GILOH, EHUD, GB  
[71] TAMICARE LTD., GB  
[85] 2014-01-14  
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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/445 (2006.01) A61K 31/56 (2006.01) A61P 11/02 (2006.01) A61P 27/14 (2006.01)**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION COMPRISING EBASTINE AND FLUTICASONE**  
[54] **COMPOSITION PHARMACEUTIQUE COMPORTANT DE L'EBASTINE ET DE LA FLUTICASONE**  
[72] MALHOTRA, GEENA, IN  
[72] PURANDARE, SHRIVINAS, IN  
[71] CIPLA LIMITED, IN  
[85] 2014-01-14  
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[87] (WO2013/017821)  
[30] IN (2193/MUM/2011) 2011-08-02

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[51] **Int.Cl. C07D 491/044 (2006.01) A61K 31/397 (2006.01) A61K 31/407 (2006.01) A61P 3/04 (2006.01) C07D 491/048 (2006.01)**  
[25] EN  
[54] **AZETIDINE DERIVATIVES FOR TREATMENT OF MELANIN RELATED DISORDERS**  
[54] **DERIVES D'AZETIDINE POUR LE TRAITEMENT DES TROUBLES LIES A LA MELANINE**  
[72] JOHANSSON, LARS ANDERS MIKAEL, SE  
[71] ASTRAZENECA AB, SE  
[85] 2014-01-14  
[86] 2012-07-13 (PCT/GB2012/051666)  
[87] (WO2013/011285)  
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[51] **Int.Cl. C07D 205/08 (2006.01) C07D 207/16 (2006.01)**  
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[54] **MULTICOMPONENT CRYSTALLINE SYSTEM OF EZETIMIBE AND PROLINE**  
[54] **SYSTEME CRISTALLIN A PLUSIEURS COMPOSANTS CONSTITUE D'EZETIMIBE ET DE PROLINE**  
[72] HAFNER, ANDREAS, CH  
[72] HINTERMANN, TOBIAS, CH  
[72] SZELAGIEWICZ, MARTIN, CH  
[72] SIEBENHAAR, BERND, DE  
[72] BLATTER, FRITZ, CH  
[71] BASF SE, DE  
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[54] **DEVICES, SYSTEMS, AND METHODS FOR ACETABULUM REPAIR**

[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE REPARATION DE L'ACETABULUM**

[72] MAZA, LUIS EDGARDO RAMOS, MX

[71] MAZA, LUIS EDGARDO RAMOS, MX

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[21] **2,841,658**  
[13] A1

[51] **Int.Cl. A61C 17/34 (2006.01)**

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[54] **ATTACHMENT SECTION FOR AN ORAL HYGIENE DEVICE**

[54] **SECTION DE FIXATION POUR DISPOSITIF D'HYGIENE BUCCALE**

[72] UTSCH, JOERN, DE

[72] SCHAEFER, NORBERT, DE

[71] BRAUN GMBH, DE

[85] 2014-01-14

[86] 2012-07-25 (PCT/IB2012/053781)

[87] (WO2013/014616)

[30] EP (11006065.4) 2011-07-25

[21] **2,841,660**  
[13] A1

[51] **Int.Cl. G01S 5/06 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR LOCATING A CURRENT POSITION OR A COUPLING-IN LOCATION OF A MOBILE UNIT USING A LEAKY WAVEGUIDE**

[54] **PROCEDE ET SYSTEME DE DETERMINATION D'UNE POSITION MOMENTANEE OU D'UN LIEU DE COUPLAGE D'UNE UNITE MOBILE AU MOYEN D'UN GUIDE D'ONDES A FUITE**

[72] CHRISTMANN, MARK, DE

[72] GULDEN, PETER, DE

[71] SYMEO GMBH, DE

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[30] DE (10 2011 107 164.8) 2011-07-13

[21] **2,841,661**  
[13] A1

[51] **Int.Cl. A61C 17/34 (2006.01)**

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[54] **ORAL CLEANING TOOL FOR AN ORAL HYGIENE DEVICE**

[54] **OUTIL DE NETTOYAGE BUCCO-DENTAIRE POUR UN DISPOSITIF D'HYGIENE BUCCO-DENTAIRE**

[72] UTSCH, JOERN, DE

[72] SCHAEFER, NORBERT, DE

[71] BRAUN GMBH, DE

[85] 2014-01-14

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[13] A1

[51] **Int.Cl. E21B 7/06 (2006.01)**

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[54] **AN IMPROVED DIRECTIONAL DRILLING TOOL**

[54] **OUTIL DE FORAGE DIRECTIONNEL AMELIORE**

[72] ZAKI, MAGDY, EG

[72] IBRAHIM, WALEED, EG

[72] AGUIB, KARIM, EG

[71] TERCEL IP LIMITED, VG

[85] 2014-01-13

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[25] EN

[54] **HEAT-TREATMENT DEVICE COMPRISING A SHIELDED MICROWAVE-RADIOMETRY-ANTENNA**

[54] **DISPOSITIF DE TRAITEMENT THERMIQUE COMPRENANT UNE ANTENNE DE RADIOMETRIE MICRO-ONDE BLINDEE**

[72] VAN RENS, JOSEPH JOHAN MARIA, NL

[71] GEA FOOD SOLUTIONS BAKEL B.V., NL

[85] 2014-01-13

[86] 2012-05-02 (PCT/EP2012/001878)

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[13] A1

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[54] **SONDE ENDOBONCHIQUE**

[72] DAHER, ELIAS, DE

[72] SCHUH, MATTHIAS BENEDIKT, DE

[71] ETVIEW LTD., IL

[85] 2013-12-27

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[30] US (61/506,210) 2011-07-11

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[13] A1

[51] **Int.Cl. B01J 19/30 (2006.01) B01J 10/00 (2006.01) C01B 17/80 (2006.01) C23C 8/20 (2006.01) C23C 8/22 (2006.01)**

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[54] **PACKED TOWER**

[54] **TOUR GARNIE**

[72] DAUM, KARL-HEINZ, DE

[72] SCHALK, WOLFRAM, DE

[71] OUTOTEC OYJ, FI

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[25] FR  
[54] **ASSEMBLY FOR PROTECTING AN ITEM OF MERCHANDISE AGAINST THEFT, WHICH CAN BE ASSEMBLED IN A TEMPORARY MANNER**  
[54] **ENSEMBLE DE PROTECTION CONTRE LE VOL D'UN ARTICLE COMMERCIAL AVEC ASSEMBLAGE TEMPORAIRE**  
[72] FAVIER, ALAIN, FR  
[71] EXAQTWORLD, FR  
[85] 2014-01-14  
[86] 2012-07-09 (PCT/FR2012/051618)  
[87] (WO2013/011224)  
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[13] A1

[51] **Int.Cl. H02G 3/04 (2006.01) F16B 5/00 (2006.01) F16L 3/26 (2006.01) H02G 3/06 (2006.01)**  
[25] EN  
[54] **CABLE TRAY SECTION**  
[54] **ELEMENT DE CHEMIN DE CABLES**  
[72] VALDES COLINA, JUSTO MANUEL, ES  
[71] VALDINOX, S.L., ES  
[85] 2014-01-14  
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[25] EN  
[54] **METHODS OF TRANSCRIPTION ACTIVATOR LIKE EFFECTOR ASSEMBLY**  
[54] **PROCEDES D'ASSEMBLAGE D'EFFECTEURS DE TYPE ACTIVATEUR DE LA TRANSCRIPTION**  
[72] JOUNG, J. KEITH, US  
[72] SANDER, JEFFRY D., US  
[71] THE GENERAL HOSPITAL CORPORATION, US  
[85] 2014-01-14  
[86] 2012-07-12 (PCT/US2012/046451)  
[87] (WO2013/012674)  
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[13] A1

[51] **Int.Cl. A61H 15/00 (2006.01)**  
[25] EN  
[54] **ROLLER DEVICE FOR LYMPHATIC DRAINAGE TREATMENTS**  
[54] **DISPOSITIF A ROULEAU POUR DES TRAITEMENTS DE DRAINAGE LYMPHATIQUE**  
[72] CALDIROLA, RINALDO, IT  
[71] CIZETA MEDICALI S.P.A., IT  
[85] 2014-01-14  
[86] 2012-07-13 (PCT/IB2012/053594)  
[87] (WO2013/008210)  
[30] IT (TO2011A000623) 2011-07-14

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[13] A1

[51] **Int.Cl. A61K 35/50 (2006.01) C12N 5/073 (2010.01) A61P 39/00 (2006.01)**  
[25] EN  
[54] **TREATMENT OF RADIATION INJURY USING AMNION DERIVED ADHERENT CELLS**  
[54] **TRAITEMENT DE LESION PAR RAYONNEMENT EN UTILISANT DES CELLULES ADHERENTES DERIVEES D'AMNIONS**  
[72] FRANCKI, ALEKSANDAR, US  
[72] PAL, AJAI, US  
[72] HARIRI, ROBERT J., US  
[72] JANKOVIC, VLADIMIR, US  
[71] ANTHROGENESIS CORPORATION, US  
[85] 2014-01-14  
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[13] A1

[51] **Int.Cl. C08G 18/08 (2006.01) C08G 18/32 (2006.01) C08G 18/66 (2006.01) C08G 18/75 (2006.01) C08G 83/00 (2006.01) C09D 175/04 (2006.01)**  
[25] EN  
[54] **AQUEOUS RESIN COMPOSITION COMPRISING A POLYESTER-POLYURETHANE RESIN INCLUDING A DENDRITIC POLYOL**  
[54] **COMPOSITION DE RESINE AQUEUSE COMPRENANT UNE RESINE DE POLYESTER-POLYURETHANE COMPRENANT UN POLYOL DENDRITIQUE**  
[72] SCHRINNER, MARC CLAUDIUS, DE  
[72] GEWISS, HEINZ-DIETMAR, DE  
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE  
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[25] EN

[54] **LAMINAR BODY FOR MAKING GREENHOUSE ROOFS AND METHOD OF GREENHOUSE CULTIVATION**

[54] **CORPS LAMINAIRE POUR FABRIQUER DES TOITS DE SERRE ET PROCEDE DE CULTURE EN SERRE**

[72] BOLDRIN, LANFRANCO, IT

[71] ULTRABATCH S.R.L., IT

[85] 2014-01-14

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[87] (WO2013/064970)

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[13] A1

[51] **Int.Cl. A01H 1/08 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01)**

[25] EN

[54] **MAIZE PLANTS HAVING A PARTIALLY OR FULLY MULTIPLIED GENOME AND USES THEREOF**

[54] **PLANTES DE MAIS AYANT UN GENOME PARTIELLEMENT OU TOTALEMENT MULTIPLIE ET UTILISATIONS DE CELLES-CI**

[72] AVIDOV, AMIT, IL

[72] LERNER, ALON, IL

[72] BARUCH, LIMOR, IL

[71] KAIIMA BIO AGRITECH LTD., IL

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[30] US (61/509,633) 2011-07-20

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[13] A1

[51] **Int.Cl. A61K 31/352 (2006.01) A61K 31/7042 (2006.01) A61P 9/00 (2006.01) A61P 9/04 (2006.01) A23L 1/30 (2006.01) C07D 311/30 (2006.01) C07H 17/07 (2006.01)**

[25] EN

[54] **HEART FAILURE SUPPRESSING AGENT**

[54] **AGENT DE PREVENTION DE L'INSUFFISANCE CARDIAQUE**

[72] MORITA, HIROYUKI, JP

[72] NAGAI, RYOZO, JP

[72] NAKAYAMA, ATSUKO, JP

[72] HASHIMOTO, TADASHI, JP

[71] THE UNIVERSITY OF TOKYO, JP

[71] THERAVALUES CORPORATION, JP

[85] 2014-01-14

[86] 2012-07-19 (PCT/JP2012/068382)

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[13] A1

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[25] EN

[54] **ANTI-FOLATE RECEPTOR ALPHA ANTIBODIES AND USES THEREOF**

[54] **ANTICORPS ANTI-RECEPTEURS ALPHA DU FOLATE ET LEURS UTILISATIONS**

[72] O'SHANNESSEY, DANIEL JOHN, US

[71] EISAI R&D MANAGEMENT CO., LTD., JP

[85] 2014-01-14

[86] 2012-07-13 (PCT/US2012/046672)

[87] (WO2013/012722)

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[51] **Int.Cl. H01L 51/10 (2006.01)**

[25] FR

[54] **USE OF SELF-ASSEMBLED LAYERS FOR CHECKING THE THRESHOLD VOLTAGE OF ORGANIC TRANSISTORS**

[54] **UTILISATION DE COUCHES AUTO-ASSEMBLEES POUR LE CONTROLE DE LA TENSION DE SEUIL DE TRANSISTORS ORGANIQUES**

[72] SIMONATO, JEAN-PIERRE, FR

[72] CELLE, CAROLINE, FR

[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR

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[13] A1

[51] **Int.Cl. A61H 1/00 (2006.01)**

[25] EN

[54] **APPARATUS FOR GENERATING THERAPEUTIC SHOCKWAVES AND APPLICATIONS OF SAME**

[54] **APPAREIL DE PRODUCTION D'ONDES DE CHOC THERAPEUTIQUES ET LEUR APPLICATION**

[72] CAPELLI, CHRISTOPHER C., US

[71] THE BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US

[85] 2014-01-14

[86] 2012-07-13 (PCT/US2012/046674)

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[25] EN

[54] **NICOTINAMIDE COMPOSITIONS AND THE THERAPEUTIC USE THEREOF**

[54] **COMPOSITIONS DE NICOTINAMIDE ET LEUR UTILISATION THERAPEUTIQUE**

[72] MEIJERINK, HENDRIK JAN CORNELIS, BE

[72] CHANGOER, LEKHAM, NL

[72] BLOM, WILLEM, NL

[72] VISSER, MARINELLA REGINA, NL

[72] FRIJLINK, HENDERIK WILLEM, NL

[72] EISSENS, ANKO CORNELUS, NL

[71] APET HOLDINGS B.V., NL

[85] 2014-01-14

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[87] (WO2013/009186)

[30] EP (11173963.7) 2011-07-14

[30] US (61/507,663) 2011-07-14

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[13] A1

[51] **Int.Cl. F24F 11/02 (2006.01) F04D 25/08 (2006.01) F24J 2/00 (2014.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR ATTIC FAN POWER CONTROLLER WITH REMOTE CONTROL**

[54] **PROCEDE ET APPAREIL POUR DISPOSITIF DE COMMANDE DE PUISSANCE DE VENTILATEUR DE COMBLE A COMMANDE A DISTANCE**

[72] FOREMAN, GEOFFREY, US

[72] BUCKLEY, ROBERT, US

[71] U.S. SUNLIGHT CORP., US

[85] 2014-01-14

[86] 2011-07-16 (PCT/US2011/044293)

[87] (WO2012/009708)

[30] US (61/364,967) 2010-07-16

[30] US (13/184,334) 2011-07-15

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[25] EN

[54] **INDUCTION HEATING SYSTEM EMPLOYING INDUCTION-HEATED SWITCHED-CIRCUIT VESSELS**

[54] **SYSTEME DE CHAUFFAGE PAR INDUCTION UTILISANT DES RECIPIENTS A COMMUTATION DE CIRCUITS CHAUFFES PAR INDUCTION**

[72] CLOTHIER, BRIAN L., US

[71] TSI TECHNOLOGIES LLC, US

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[87] (WO2013/010095)

[30] US (61/572,265) 2011-07-14

[30] US (61/690,511) 2012-06-28

[30] US (13/547,889) 2012-07-12

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[13] A1

[51] **Int.Cl. B41J 2/175 (2006.01) B41J 2/045 (2006.01)**

[25] EN

[54] **FLUID EJECTION DEVICES AND METHODS THEREOF**

[54] **DISPOSITIFS D'EJECTION DE FLUIDE ET PROCEDES ASSOCIES**

[72] VAN BROCKLIN, ANDREW L., US

[72] GHOZEIL, ADAM L., US

[72] ANDERSON, DARYL E., US

[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US

[85] 2014-01-14

[86] 2011-10-24 (PCT/US2011/057506)

[87] (WO2013/062516)

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[13] A1

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

[25] EN

[54] **COMBINATION THERAPY WITH AN ANTI - CD19 ANTIBODY AND A PURINE ANALOG**

[54] **POLYTHERAPIE AVEC ANTICORPS ANTI-CD19 ET ANALOGUE DE PURINE**

[72] AMERSDORFFER, JUTTA, DE

[72] STEIDL, STEFAN, DE

[72] WINDERLICH, MARK, DE

[72] KROHN, SUSANNE, DE

[72] ROJKJAER, LISA, CH

[71] MORPHOSYS AG, DE

[85] 2014-01-10

[86] 2012-08-14 (PCT/EP2012/065904)

[87] (WO2013/024095)

[30] EP (11177660.5) 2011-08-16

[30] US (61/523,862) 2011-08-16

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[13] A1

[51] **Int.Cl. B01D 53/52 (2006.01) B01D 53/34 (2006.01) B01D 53/58 (2006.01)**

[25] EN

[54] **A PROCESS FOR INCINERATING NH3 AND A NH3 INCINERATOR**

[54] **PROCEDE POUR L'INCINERATION DE NH3 ET INCINERATEUR DE NH3**

[72] BETLEM, MAARTEN, NL

[72] OLSTHOORN, SJAAK, NL

[72] VAN WELSEM, MARK, NL

[71] DUIKER COMBUSTION ENGINEERS B.V., NL

[85] 2014-01-14

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[30] NL (2007381) 2011-09-09

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[13] A1

[51] **Int.Cl. B01D 53/00 (2006.01) B01D 53/44 (2006.01) B01D 53/75 (2006.01) B01D 53/76 (2006.01) B01D 53/96 (2006.01) B01J 7/00 (2006.01) B01L 5/04 (2006.01) C07C 51/34 (2006.01)**

[25] EN

[54] **PROCESS FOR RECONDITIONING A GAS FROM THE OZONIZING OF AN UNSATURATED FATTY ACID**

[54] **PROCEDE DE RECONDITIONNEMENT D'UN GAZ PROVENANT DE L'OZONISATION D'UN ACIDE GRAS INSATURE**

[72] WALKER, THOMAS CHAD, US  
[71] EMERY OLEOCHEMICALS LLC, US  
[85] 2014-01-14  
[86] 2012-01-26 (PCT/US2012/022689)  
[87] (WO2012/103310)  
[30] US (61/437,579) 2011-01-28

[21] **2,841,742**  
[13] A1

[51] **Int.Cl. G06K 19/077 (2006.01) H01L 21/58 (2006.01)**

[25] FR

[54] **HYBRID CONTACT/CONTACTLESS INTEGRATED CIRCUIT CARD, THE STRENGTH OF THE ELECTRONIC MODULE OF WHICH IS REINFORCED**

[54] **CARTE A CIRCUIT INTEGRE HYBRIDE CONTACT - SANS CONTACT A TENUE RENFORCEE DU MODULE ELECTRONIQUE**

[72] BENATO, PIERRE, FR  
[71] ASK S.A., FR  
[85] 2014-01-10  
[86] 2012-07-12 (PCT/FR2012/000287)  
[87] (WO2013/007897)  
[30] FR (1102195) 2011-07-12

[21] **2,841,743**  
[13] A1

[51] **Int.Cl. B01D 1/00 (2006.01) B01D 3/42 (2006.01) C02F 1/04 (2006.01)**

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[54] **WATER VAPOR DISTILLATION APPARATUS, METHOD AND SYSTEM**

[54] **APPAREIL, PROCEDE ET SYSTEME DE DISTILLATION DE LA VAPEUR D'EAU**

[72] KAMEN, DEAN, US  
[72] LAROCQUE, RYAN K., US  
[72] LANGENFELD, CHRISTOPHER C., US  
[72] ENT, STEPHEN M., US  
[72] SCHNELLINGER, ANDREW A., US  
[72] BHAT, PRASHANT, US  
[72] SMITH, STANLEY B., III, US  
[72] CLAPP, OTIS L., US  
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US  
[85] 2014-01-14  
[86] 2012-07-13 (PCT/US2012/046740)  
[87] (WO2013/012744)  
[30] US (13/184,169) 2011-07-15

[21] **2,841,744**  
[13] A1

[51] **Int.Cl. F24F 7/06 (2006.01) H01L 31/042 (2014.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR SOLAR ATTIC FAN WITH AIR FLOW GUIDE**

[54] **PROCEDE ET APPAREIL POUR VENTILATEUR DE COMBLE SOLAIRE A GUIDE D'ECOULEMENT D'AIR**

[72] FOREMAN, GEOFFREY, US  
[71] U.S. SUNLIGHT CORP., US  
[85] 2014-01-14  
[86] 2011-07-16 (PCT/US2011/044295)  
[87] (WO2012/009710)  
[30] US (61/364,991) 2010-07-16  
[30] US (13/184,418) 2011-07-15

[21] **2,841,745**  
[13] A1

[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/18 (2006.01) C07K 16/46 (2006.01) C12N 5/16 (2006.01) G01N 33/574 (2006.01)**

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[54] **RSPO BINDING AGENTS AND USES THEREOF**

[54] **AGENTS DE FIXATION AUX PROTEINES RSPO ET LEURS UTILISATIONS**

[72] GURNEY, AUSTIN L., US  
[72] AXELROD, FUMIKO TAKADA, US  
[72] HOEY, TIMOTHY CHARLES, US  
[72] CHARTIER-COURTAUD, CECILE, US  
[71] ONCOMED PHARMACEUTICALS, INC., US  
[85] 2014-01-14  
[86] 2012-07-13 (PCT/US2012/046746)  
[87] (WO2013/012747)  
[30] US (61/508,403) 2011-07-15  
[30] US (61/521,547) 2011-08-09  
[30] US (61/570,629) 2011-12-14

[21] **2,841,746**  
[13] A1

[51] **Int.Cl. A47G 19/22 (2006.01)**

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[54] **DRINKING VESSEL**

[54] **RECIPIENT A BOIRE**

[72] MILLER, AUSTEN, GB  
[71] OZ10 LIMITED, GB  
[85] 2014-01-10  
[86] 2011-05-13 (PCT/GB2011/050921)  
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[13] A1

[51] **Int.Cl. A61C 1/10 (2006.01)**  
[25] EN  
[54] **DENTAL IMPLANTATION SYSTEM AND METHOD USING MAGNETIC SENSORS**  
[54] **SYSTEME ET PROCEDE D'IMPLANTATION DENTAIRE EMPLOYANT DES CAPTEURS MAGNETIQUES**  
[72] MOFFSON, ALLEN M., US  
[72] PRSHA, JEFFREY A., US  
[72] WHEATLEY, CHARLES E., III, US  
[71] PRECISION THROUGH IMAGING, LLC, US  
[85] 2014-01-14  
[86] 2012-07-13 (PCT/US2012/046789)  
[87] (WO2013/010138)  
[30] US (61/507,956) 2011-07-14

[21] **2,841,749**  
[13] A1

[51] **Int.Cl. A61M 1/36 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR RAPIDLY COOLING OR HEATING THE BODY TEMPERATURE OF A PATIENT**  
[54] **APPAREIL ET PROCEDE UTILISES POUR ABAISSER OU AUGMENTER RAPIDEMENT LA TEMPERATURE CORPORELLE D'UN PATIENT**  
[72] SVITEK, ROBERT G., US  
[72] MCEWEN, KRAIG J., US  
[71] BAPTISTE, REBECCA L., US  
[71] CARDIAC ASSIST, INC., US  
[85] 2014-01-14  
[86] 2012-07-16 (PCT/US2012/046853)  
[87] (WO2013/012776)  
[30] US (61/508,257) 2011-07-15

[21] **2,841,751**  
[13] A1

[51] **Int.Cl. A61K 31/4402 (2006.01)**  
[25] EN  
[54] **METHOD FOR TIMING A COLONOSCOPY WHEREIN A PICOSULATE COMPOSITION IS ADMINISTERED**  
[54] **METHODE DE PROGRAMMATION D'UNE COLOSCOPIE APRES ADMINISTRATION D'UNE COMPOSITION DE PICOSULFATE**  
[72] JOSEPH, RAYMOND E., US  
[71] JOSEPH, RAYMOND E., US  
[85] 2014-01-14  
[86] 2012-07-16 (PCT/US2012/046874)  
[87] (WO2013/012783)  
[30] US (61/508,189) 2011-07-15

[21] **2,841,748**  
[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A23L 1/30 (2006.01) A23L 1/305 (2006.01) A23L 2/52 (2006.01) A61K 31/05 (2006.01) A61K 31/192 (2006.01) A61K 31/216 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR MODULATING METABOLIC PATHWAYS**  
[54] **COMPOSITIONS ET PROCEDES DE MODULATION DE VOIES METABOLIQUES**  
[72] ZEMEL, MICHAEL, US  
[72] GRINDSTAFF, E. DOUGLAS, II, US  
[72] BRUCKBAUER, ANTJE, US  
[71] NUSIRT SCIENCES, INC., US  
[85] 2014-01-14  
[86] 2012-07-13 (PCT/US2012/046814)  
[87] (WO2013/012760)  
[30] US (61/508,139) 2011-07-15  
[30] US (61/636,608) 2012-04-20  
[30] US (61/636,603) 2012-04-20  
[30] US (61/636,610) 2012-04-20  
[30] US (61/636,598) 2012-04-20  
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[30] US (61/636,597) 2012-04-20

[21] **2,841,750**  
[13] A1

[51] **Int.Cl. B41J 2/175 (2006.01) B41J 2/125 (2006.01) B41J 2/14 (2006.01)**  
[25] EN  
[54] **INKJET PRINTHEAD DEVICE, FLUID EJECTION DEVICE, AND METHOD THEREOF**  
[54] **SYSTEME DE TETE D'IMPRESSION A JET D'ENCRE, DISPOSITIF D'EJECTION DE FLUIDE ET PROCEDE ASSOCIE**  
[72] VAN BROCKLIN, ANDREW L., US  
[72] GHOZEIL, ADAM L., US  
[72] ANDERSON, DARYL E., US  
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US  
[85] 2014-01-14  
[86] 2011-10-24 (PCT/US2011/057515)  
[87] (WO2013/062518)

[21] **2,841,752**  
[13] A1

[51] **Int.Cl. H01J 49/10 (2006.01) H01J 49/26 (2006.01)**  
[25] EN  
[54] **PLUME COLLIMATION FOR LASER ABLATION ELECTROSPRAY IONIZATION MASS SPECTROMETRY**  
[54] **COLLIMATION DE PANACHES POUR SPECTROMETRIE DE MASSE AVEC IONISATION PAR ELECTROPULVERISATION EN ABLATION AU LASER**  
[72] VERTES, AKOS, US  
[72] STOLEE, JESSICA A., US  
[71] THE GEORGE WASHINGTON UNIVERSITY, US  
[85] 2014-01-14  
[86] 2012-07-16 (PCT/US2012/046886)  
[87] (WO2013/085572)  
[30] US (61/507,836) 2011-07-14

[21] **2,841,754**  
[13] A1

[51] **Int.Cl. A47K 10/38 (2006.01) B65H 18/04 (2006.01) B65H 75/18 (2006.01)**  
[25] EN  
[54] **A DISPENSER ASSEMBLY**  
[54] **ENSEMBLE DISTRIBUTEUR**  
[72] CATTACIN, GILLES, FR  
[72] MARIETTA-TONDIN, JULIEN, FR  
[71] SCA TISSUE FRANCE, FR  
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[54] **GPR 119 MODULATORS**  
[54] **MODULATEURS DE GPR 119**  
[72] DAROUT, ETZER, US  
[72] GUIMARAES, CRISTIANO, US  
[72] MASCITTI, VINCENT, US  
[72] MCCLURE, KIM F., US  
[71] PFIZER INC., US  
[85] 2014-01-03  
[86] 2012-07-03 (PCT/IB2012/053381)  
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[13] A1

[51] **Int.Cl. G05D 1/06 (2006.01)**

[25] EN  
[54] **FLIGHT CONTROL LAWS FOR AUTOMATIC HOVER HOLD**  
[54] **LOIS DE COMMANDES DE VOL POUR MAINTIEN AUTOMATIQUE EN VOL STATIONNAIRE**  
[72] CHRISTENSEN, KEVIN THOMAS, US  
[72] SHUE, SHYHPYNG JACK, US  
[72] CAUDILL, TROY SHELDON, US  
[71] BELL HELICOPTER TEXTRON INC., US  
[85] 2014-01-14  
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[13] A1

[51] **Int.Cl. C07B 41/00 (2006.01) C07C 51/34 (2006.01) C07C 53/126 (2006.01) C07C 55/02 (2006.01) C07C 55/10 (2006.01) C07C 55/14 (2006.01) C07C 55/18 (2006.01) C07C 55/20 (2006.01) C07C 55/21 (2006.01)**

[25] EN  
[54] **SAFETY SYSTEM FOR AN OZONE ABSORBER COLUMN**  
[54] **SYSTEME DE SECURITE POUR COLONNE D'ABSORPTION A OZONE**  
[72] WALKER, THOMAS CHAD, US  
[71] EMERY OLEOCHEMICALS LLC, US  
[85] 2014-01-14  
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[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01)**

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[54] **ANTIGENE DE CANCER**  
[72] MODI, INDRAVADAN AMBALAL (DECEASED), IN  
[72] KHAMAR, BAKULESH MAFATLAL, IN  
[72] SHUKLA, CHANDRESHWAR PRASAD, IN  
[72] THAKKAR, VIPUL SITARAM, IN  
[72] DESAI, NIRAV MANOJKUMAR, IN  
[71] CADILA PHARMACEUTICALS LIMITED, IN  
[85] 2014-01-03  
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[87] (WO2013/005164)  
[30] IN (1929/MUM/2011) 2011-07-05

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[13] A1

[51] **Int.Cl. A61B 5/107 (2006.01) A43D 1/02 (2006.01) G01B 3/10 (2006.01) G01B 5/02 (2006.01)**

[25] EN  
[54] **APPARATUS FOR MEASURING AN ARTICLE**  
[54] **APPAREIL POUR MESURER UN ARTICLE**  
[72] TOWNS, CHRIS, GB  
[72] RICKETT, PETER, GB  
[72] INNES, DAN, GB  
[72] KINALLY, YAAN, GB  
[71] C & J CLARK INTERNATIONAL LIMITED, GB  
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[87] (WO2013/007997)  
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[13] A1

[51] **Int.Cl. F23L 9/02 (2006.01) C10J 3/02 (2006.01) C10J 3/74 (2006.01) F23M 5/04 (2006.01) F27D 1/14 (2006.01)**

[25] EN  
[54] **A GASIFICATION AGENT INLET**  
[54] **ADMISSION D'AGENT DE GAZEIFICATION**  
[72] EDMONDSON, SCOTT, GB  
[72] TOASE, BRUCE, GB  
[71] NEW EARTH ADVANCED THERMAL TECHNOLOGIES LIMITED, GB  
[85] 2014-01-10  
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[30] GB (1111923.7) 2011-07-12

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[13] A1

[51] **Int.Cl. H04W 48/16 (2009.01) H04B 7/04 (2006.01)**

[25] EN  
[54] **METHOD AND SYSTEM FOR ACCESS AND UPLINK POWER CONTROL FOR A WIRELESS SYSTEM HAVING MULTIPLE TRANSMIT POINTS**  
[54] **PROCEDE ET SYSTEME D'ACCES ET DE COMMANDE DE PUISSANCE DE LIAISON MONTANTE POUR UN SYSTEME SANS FIL PRESENTANT PLUSIEURS POINTS DE TRANSMISSION**  
[72] GAO, SHIWEI, CA  
[72] XU, HUA, CA  
[72] GUO, SHIGUANG, CA  
[72] YU, DONG-SHENG, CA  
[72] JIA, YONGKANG, CA  
[72] EBRAHIMI TAZEH MAHALLEH, MASOUD, CA  
[72] TABET, TARIK, CA  
[72] HEO, YOUNG HYOUNG, CA  
[72] CAI, ZHIJUN, US  
[71] BLACKBERRY LIMITED, CA  
[85] 2014-01-14  
[86] 2012-05-31 (PCT/US2012/040212)  
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[51] **Int.Cl. E21B 47/00 (2012.01) E21B 47/06 (2012.01) E21B 47/12 (2012.01)**  
[25] EN  
[54] **WELL DRILLING METHODS WITH AUTOMATED RESPONSE TO EVENT DETECTION**  
[54] **PROCEDES DE FORAGE DE PUIITS COMPRENANT REPOSE AUTOMATIQUE A UNE DETECTION D'EVENEMENT**  
[72] DAVIS, NANCY, US  
[72] BUTLER, CODY, US  
[72] POOL, CHARLES M., US  
[72] HOURD, RYAN, US  
[72] REYNOLDS, AARON, US  
[72] GODFREY, CRAIG W., US  
[72] URIAS, FRANK, US  
[72] SAEED, SAAD, US  
[72] BAKRI, EMAD, US  
[72] LOVORN, JAMES R., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-01-03  
[86] 2011-07-05 (PCT/US2011/042917)  
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[13] A1

[51] **Int.Cl. A47F 3/04 (2006.01)**  
[25] EN  
[54] **HEAT ABSORBING DOOR FOR A REFRIGERATED MERCHANDISER**  
[54] **PORTE A ABSORPTION DE CHALEUR POUR PRESENTOIR REFRIGERE**  
[72] REICHERT, CRAIG STEVEN, US  
[71] HUSSMANN CORPORATION, US  
[85] 2014-01-14  
[86] 2012-07-02 (PCT/US2012/045192)  
[87] (WO2013/012551)  
[30] US (13/186,623) 2011-07-20

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[21] **2,841,774**  
[13] A1

[51] **Int.Cl. H04W 12/02 (2009.01) H04W 12/06 (2009.01) H04W 84/04 (2009.01) H04W 84/20 (2009.01)**  
[25] EN  
[54] **A LOW FREQUENCY METHOD OF PAIRING A MASTER DEVICE TO MULTIPLE SLAVE DEVICES**  
[54] **PROCEDE BASSE FREQUENCE D'APPAIREMENT D'UN DISPOSITIF MAITRE A UNE PLURALITE DE DISPOSITIFS ASSERVIS**  
[72] HIGGINS, ROBERT J., US  
[71] MOTOROLA SOLUTIONS, INC., US  
[85] 2014-01-14  
[86] 2012-07-10 (PCT/US2012/046014)  
[87] (WO2013/012598)  
[30] US (13/183,930) 2011-07-15

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[21] **2,841,775**  
[13] A1

[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/36 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MOMENT TENSOR MIGRATION IMAGING**  
[54] **SYSTEME ET PROCEDE POUR L'IMAGERIE DE LA MIGRATION D'UN TENSEUR DE MOMENT**  
[72] CHAMBERS, CHRISTOPHER, GB  
[72] WILSON, STEPHEN, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2014-01-14  
[86] 2012-07-10 (PCT/US2012/046058)  
[87] (WO2013/012610)  
[30] US (61/572,695) 2011-07-19

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[13] A1

[51] **Int.Cl. H04W 12/06 (2009.01) H04L 29/06 (2006.01)**  
[25] EN  
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[54] **INTEGRITE DES DONNEES POUR DES COMMUNICATIONS BASEES SUR LA PROXIMITE**  
[72] LAZARIDIS, MIHAL, CA  
[72] PECEN, MARK E., CA  
[72] VANSTONE, SCOTT ALEXANDER, CA  
[72] CAMPAGNA, MATTHEW JOHN, US  
[72] ROSATI, ANTHONY, CA  
[71] BLACKBERRY LIMITED, CA  
[71] CERTICOM CORP., CA  
[85] 2014-01-03  
[86] 2011-07-11 (PCT/US2011/043518)  
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[13] A1

[51] **Int.Cl. E21B 47/07 (2012.01) G01V 8/10 (2006.01)**  
[25] EN  
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[54] **DETECTION DE TEMPERATURE REPARTIE A FILTRAGE D'ARRIERE-PLAN**  
[72] MOLENAAR, MENNO MATHIEU, CA  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2014-01-14  
[86] 2012-07-12 (PCT/US2012/046339)  
[87] (WO2013/012642)  
[30] US (61/508,936) 2011-07-18

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[21] **2,841,778**  
[13] A1

[51] **Int.Cl. B65D 35/00 (2006.01)**  
[25] EN  
[54] **COMPLETELY DISPOSABLE COOKING APPARATUS FOR FILLING AND DECORATING OF FOODS**

[54] **APPAREIL DE CUISINE TOTALEMENT JETABLE POUR LE FOURRAGE ET LA DECORATION D'ALIMENTS**

[72] GRIMES, BRENDA MARIE, US  
[72] GRIMES, CHARLES WILSON, US  
[71] GRIMES, BRENDA MARIE, US  
[71] GRIMES, CHARLES WILSON, US  
[85] 2014-01-14  
[86] 2012-07-12 (PCT/US2012/046393)  
[87] (WO2013/012660)  
[30] US (13/184,021) 2011-07-15  
[30] US (13/366,863) 2012-02-06

[21] **2,841,781**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**  
[25] EN  
[54] **DATA CONVERSION IN ECG TECHNIQUES**

[54] **CONVERSION DE DONNEES DANS DES TECHNIQUES D'ECG**

[72] YUK, JONG-TAE, US  
[71] VERATHON INC., US  
[85] 2014-01-14  
[86] 2012-07-13 (PCT/US2012/046799)  
[87] (WO2013/012756)  
[30] US (13/184,213) 2011-07-15

[21] **2,841,782**  
[13] A1

[51] **Int.Cl. C12N 9/16 (2006.01) C12N 15/82 (2006.01)**  
[25] EN  
[54] **METHODS OF INCREASING YIELD AND STRESS TOLERANCE IN A PLANT**

[54] **PROCEDES D'AUGMENTATION DE RENDEMENT ET DE TOLERANCE AU STRESS D'UNE PLANTE**

[72] BASU, SHIB, US  
[72] COHN, JONATHAN, US  
[72] NUCCIO, MICHAEL, US  
[71] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2014-01-14  
[86] 2012-07-16 (PCT/US2012/046888)  
[87] (WO2013/012788)  
[30] US (61/508,609) 2011-07-15  
[30] US (61/522,588) 2011-08-11

[21] **2,841,783**  
[13] A1

[51] **Int.Cl. A61N 1/05 (2006.01)**  
[25] EN  
[54] **RELEASABLE LINER FOR SENSOR DEVICE**

[54] **REVETEMENT AMOVIBLE POUR CAPTEUR**

[72] CAPRIO, MATTHEW, US  
[72] CLAY, ANDREW, US  
[72] LADWIG, JEFFREY WILLIAM, US  
[71] VERATHON INC., US  
[85] 2014-01-14  
[86] 2012-07-16 (PCT/US2012/046954)  
[87] (WO2013/010179)  
[30] US (13/183,310) 2011-07-14

[21] **2,841,784**  
[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01) H02G 15/013 (2006.01)**  
[25] EN  
[54] **SEALING MECHANISM AND METHOD FOR DROP CABLE SPLICE ENCLOSURES**

[54] **MECANISME ET PROCEDE D'ETANCHEITE POUR BOITIERES D'EPISSURES DE CABLES DE DESCENTE**

[72] BURKE, EDWARD J., US  
[72] GWILLIM, ROBERT H., US  
[71] CHANNELL COMMERCIAL CORPORATION, US  
[85] 2014-01-14  
[86] 2012-07-16 (PCT/US2012/046958)  
[87] (WO2013/010180)  
[30] US (61/507,988) 2011-07-14  
[30] US (13/370,931) 2012-02-10

[21] **2,841,785**  
[13] A1

[51] **Int.Cl. A61K 31/465 (2006.01) A61K 9/00 (2006.01) A61K 9/22 (2006.01) A61K 9/52 (2006.01) A61P 25/16 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF SYMPTOMS IN PARKINSON'S DISEASE PATIENTS**

[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE SYMPTOMES CHEZ DES PATIENTS ATTEINTS DE LA MALADIE DE PARKINSON**

[72] AZHIR, ARASTEH ARI, US  
[71] THE PARKINSON'S INSTITUTE, US  
[85] 2014-01-03  
[86] 2012-07-03 (PCT/US2012/045448)  
[87] (WO2013/006643)  
[30] US (61/504,974) 2011-07-06

[21] **2,841,786**  
[13] A1

[51] **Int.Cl. H04N 21/2381 (2011.01) H04N 21/233 (2011.01) H04N 21/60 (2011.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR INTERACTION OF SATELLITE AND INTERNET PROTOCOL FEATURES IN CONTENT DELIVERY SYSTEMS ("SATELLITE-IP INTERACTIONS")**

[54] **SYSTEMES ET PROCEDES D'INTERACTION DE FONCTIONS DE PROTOCOLES SATELLITE ET INTERNET DANS DES SYSTEMES DE DISTRIBUTION DE CONTENU ("INTERACTIONS SATELLITE-IP")**

[72] COX, STUART A., US  
[72] CONNERS, GARY JOHN, US  
[72] VANZANDT, TODD, US  
[71] SIRIUS XM RADIO INC., US  
[85] 2014-01-14  
[86] 2012-07-16 (PCT/US2012/046969)  
[87] (WO2013/010185)  
[30] US (61/572,332) 2011-07-14

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[21] **2,841,787**  
[13] A1

[51] **Int.Cl. H04B 1/06 (2006.01) H04N 21/43 (2011.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR IMPLEMENTING DYNAMIC BANKS OF SUBCHANNELS FOR BROADCAST OR STREAMED CONTENT SERVICES ("FEATURED FAVORITES")**

[54] **SYSTEMES ET PROCEDES PERMETTANT DE METTRE EN □UVRE DES BLOCS DYNAMIQUES DE SOUS-CANAUX POUR DES SERVICES DE CONTENU DE DIFFUSION OU TRANSMIS EN CONTINU (« FAVORIS PRESENTES »)**

[72] MARKO, PAUL, US

[72] COX, STUART A., US

[72] WADIN, CRAIG, US

[71] SIRIUS XM RADIO INC., US

[85] 2014-01-14

[86] 2012-07-16 (PCT/US2012/046971)

[87] (WO2013/010186)

[30] US (61/572,332) 2011-07-14

[21] **2,841,788**  
[13] A1

[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/32 (2006.01) C09K 8/44 (2006.01) C09K 8/502 (2006.01) E21B 43/26 (2006.01)**

[25] EN

[54] **METHOD FOR DRILLING AND COMPLETION OPERATIONS WITH SETTABLE RESIN COMPOSITIONS**

[54] **PROCEDE POUR OPERATIONS DE FORAGE ET DE COMPLETION A L'AIDE DE COMPOSITIONS DE RESINE POUVANT DURCIR**

[72] DEVILLE, JAY PAUL, US

[72] MORRIS, KAY ANN, US

[72] PEREZ, GREG PAUL, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-01-03

[86] 2012-07-04 (PCT/US2012/045475)

[87] (WO2013/006657)

[30] US (13/176,708) 2011-07-05

[21] **2,841,790**  
[13] A1

[51] **Int.Cl. H04N 21/433 (2011.01) G11B 20/10 (2006.01)**

[25] EN

[54] **INDIVIDUAL SONG LIBRARIES AND PERSONALIZED CHANNELS IN BROADCAST SATELLITE SYSTEMS**

[54] **BIBLIOTHEQUES DE CHANSONS INDIVIDUELLES ET CANAUX PERSONNALISES DANS DES SYSTEMES DE DIFFUSION PAR SATELLITE**

[72] PATSIOKAS, STELIOS, US

[72] MANTEL, GEORGE DAVID, US

[71] SIRIUS XM RADIO INC., US

[85] 2014-01-14

[86] 2012-07-16 (PCT/US2012/046974)

[87] (WO2013/010188)

[30] US (61/572,332) 2011-07-14

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[13] A1

[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/04 (2006.01) E21B 43/30 (2006.01)**

[25] EN

[54] **METHOD FOR HYDROCARBON RECOVERY USING SAGD AND INFILL WELLS WITH RF HEATING**

[54] **PROCEDE PERMETTANT UNE RECUPERATION D'HYDROCARBURE A L'AIDE D'UN DRAINAGE PAR GRAVITE AU MOYEN DE VAPEUR (SAGD) ET DE Puits DE REMPLISSAGE DOTES D'UN CHAUFFAGE PAR RADIOFREQUENCE(RF)**

[72] TRAUTMAN, MARK ALAN, US

[72] SULTENFUSS, DANIEL, US

[71] HARRIS CORPORATION, US

[71] CONOCOPHILLIPS COMPANY, US

[85] 2014-01-03

[86] 2012-07-05 (PCT/US2012/045478)

[87] (WO2013/006660)

[30] US (13/176,778) 2011-07-06

[21] **2,841,798**  
[13] A1

[51] **Int.Cl. B05B 3/10 (2006.01)**

[25] EN

[54] **ROTARY ATOMIZER HAVING ELECTRO-MAGNETIC BEARINGS AND A PERMANENT MAGNET ROTOR**

[54] **ATOMISEUR ROTATIF PRESENTANT DES PALIERS ELECTRO-MAGNETIQUES ET UN ROTOR A AIMANT PERMANENT**

[72] BAZERGUI, CLAUDE, CA

[71] DEDERT CORPORATION, US

[85] 2014-01-14

[86] 2012-07-13 (PCT/US2012/046657)

[87] (WO2013/010075)

[30] US (61/507,864) 2011-07-14

[21] **2,841,799**  
[13] A1

[51] **Int.Cl. A41D 13/05 (2006.01)**

[25] EN

[54] **ARTICLES OF APPAREL INCORPORATING CUSHIONING ELEMENTS**

[54] **ARTICLES DE VETEMENT INCORPORANT DES ELEMENTS DE MOLLETONNAGE**

[72] TURNER, DAVID, US

[71] NIKE INTERNATIONAL LTD., US

[85] 2014-01-13

[86] 2012-06-19 (PCT/US2012/043171)

[87] (WO2013/015913)

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<p>[51] <b>Int.Cl. G06F 3/14 (2006.01) G06F 3/0481 (2013.01) G06F 17/00 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>MULTIPLE-STAGE INTERFACE CONTROL OF A MOBILE ELECTRONIC DEVICE</b></p> <p>[54] <b>COMMANDE D'INTERFACE A ETAPES MULTIPLES D'UN APPAREIL ELECTRONIQUE MOBILE</b></p> <p>[72] LAZARIDIS, MIHAL, CA [72] LINDSAY, DONALD J., CA [72] WOOD, TODD A., CA [72] GRIFFIN, JASON T., CA [72] HAMILTON, ALISTAIR R., CA [72] PAYNE, ROBERT D., CA [72] BOCKING, ANDREW D., CA [72] RYDENHAG, DANIEL T., SE [72] BENEDEK, JOSEPH E., CA [72] DODGE, DANNY T., CA [71] RESEARCH IN MOTION LIMITED, CA</p> <p>[71] QNX SOFTWARE SYSTEMS LIMITED, CA</p> <p>[22] 2013-07-16 [41] 2014-02-01 [30] US (61/678,388) 2012-08-01 [30] US (13/706,782) 2012-12-06</p>	<p>[51] <b>Int.Cl. C10G 1/04 (2006.01) C10C 3/00 (2006.01) C10L 3/08 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>INTEGRATED XTL AND OPEN PIT OIL SANDS MINING PROCESSES</b></p> <p>[54] <b>PROCEDES INTEGRES D'EXPLOITATION DES SABLES BITUMINEUX COMPRENANT LE PROCEDE XTL ET L'EXPLOITATION A CIEL OUVERT</b></p> <p>[72] SALEHI, EBRAHIM, CA [72] SAVE, SANJIV, CA [72] NEL, WESSEL, CA [72] WOLFF, VINING, CA [71] HATCH LTD., CA</p> <p>[22] 2013-08-01 [41] 2013-11-20</p> <hr/> <p style="text-align: center;">[21] <b>2,822,628</b> [13] A1</p> <p>[51] <b>Int.Cl. H01R 12/71 (2011.01) H01R 12/51 (2011.01) H05K 1/02 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>MULTI CONNECTOR INTERCONNECT SYSTEM</b></p> <p>[54] <b>SYSTEME D'INTERCONNEXION A CONNECTEURS MULTIPLES</b></p> <p>[72] HALL, ROBBIE W., US [71] SIMMONDS PRECISION PRODUCTS, INC., US</p> <p>[22] 2013-07-30 [41] 2014-01-31 [30] US (61/677,560) 2012-07-31</p>	<p>[51] <b>Int.Cl. H04W 92/02 (2009.01) H04W 76/04 (2009.01) H04W 80/00 (2009.01)</b></p> <p>[25] EN</p> <p>[54] <b>METHOD OF ESTABLISHING A HRPD SIGNAL LINK</b></p> <p>[54] <b>PROCEDE D'ETABLISSEMENT D'UN LIEN DE SIGNAL HRPD</b></p> <p>[72] CHERIAN, GEORGE, US [72] LALWANNEY, POORNIMA A., US [71] MOTOROLA MOBILITY, INC., US</p> <p>[22] 2008-07-14 [41] 2009-01-22 [62] 2,692,818 [30] US (11/778,746) 2007-07-17</p> <hr/> <p style="text-align: center;">[21] <b>2,836,087</b> [13] A1</p> <p>[51] <b>Int.Cl. H02K 3/12 (2006.01) F01D 15/10 (2006.01) H02K 1/16 (2006.01) H02K 1/27 (2006.01) H02K 3/28 (2006.01) H02K 7/18 (2006.01) H02K 21/22 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>ELECTRIC MACHINE</b></p> <p>[54] <b>MACHINE ELECTRIQUE</b></p> <p>[72] DOOLEY, KEVIN ALLAN, CA [72] BELL, JOSHUA, CA [71] PRATT &amp; WHITNEY CANADA CORP., CA</p> <p>[22] 2004-05-10 [41] 2004-12-09 [62] 2,524,302 [30] US (10/444,952) 2003-05-27</p>

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[21] **2,836,177**  
[13] A1

[51] **Int.Cl. H04W 24/00 (2009.01) H04B 7/212 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR TRANSMITTING OF CHANNEL QUALITY INDICATOR AND ACKNOWLEDGEMENT SIGNALS IN SC-FDMA COMMUNICATION SYSTEMS**

[54] **APPAREIL ET PROCÉDE DE TRANSMISSION D'UN INDICATEUR DE QUALITÉ DE CANAL ET DE SIGNAUX D'ACQUITTEMENT DANS DES SYSTÈMES DE COMMUNICATION SC-FDMA**

[72] PAPANAKELLARIOU, ARIS, US  
[72] CHO, JOON-YOUNG, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR

[22] 2008-07-11  
[41] 2009-01-22  
[62] 2,692,521  
[30] US (60/950,002) 2007-07-16  
[30] US (60/954,171) 2007-08-06  
[30] US (61/019,624) 2008-01-08

[21] **2,837,438**  
[13] A1

[51] **Int.Cl. G01V 7/10 (2006.01) C22C 9/00 (2006.01) C22C 14/00 (2006.01) C22C 16/00 (2006.01) C22C 27/00 (2006.01) C22C 30/02 (2006.01)**

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[54] **GRAVITY GRADIOMETER**

[54] **GRADIOMETRE GRAVITATIONNEL**

[72] FRENCH, JOHN BERRY, CA  
[72] CARROLL, KIERAN A., CA  
[72] THORPE, STEVEN J., CA  
[71] GEDEX INC., CA

[22] 2006-07-27  
[41] 2007-02-01  
[62] 2,620,325  
[30] US (60/703,502) 2005-07-29

[21] **2,837,477**  
[13] A1

[51] **Int.Cl. B25J 9/16 (2006.01) B25J 5/00 (2006.01) B62D 1/00 (2006.01) B65G 43/00 (2006.01) H04W 4/00 (2009.01)**

[25] EN

[54] **ROBOTIC ORDERING AND DELIVERY APPARATUSES, SYSTEMS AND METHODS**

[54] **APPAREILS, SYSTÈMES ET MÉTHODES DE COMMANDE ET LIVRAISON ROBOTISÉES**

[72] ZINI, ALDO, US  
[72] ALLEN, SPENCER, WAYNE, US  
[72] SKIRBLE, BARRY, MARK, US  
[72] THORNE, HENRY F., US  
[72] FAIRLEY, STUART, US  
[71] AETHON, INC., US

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[41] 2007-04-26  
[62] 2,625,895  
[30] US (60/727,280) 2005-10-14

[21] **2,837,581**  
[13] A1

[51] **Int.Cl. E21B 3/02 (2006.01) E21B 19/16 (2006.01)**

[25] EN

[54] **TOP DRIVE SYSTEM**

[54] **SYSTÈME D'ENTRAÎNEMENT PAR LE HAUT**

[72] HEIDECHE, KARSTEN, US  
[72] RIALS, ROSS, US  
[72] FISHER, RALEIGH, US  
[72] OLSTAD, DELANEY MICHAEL, US  
[71] WEATHERFORD/LAMB, INC., US

[22] 2008-12-12  
[41] 2009-06-18  
[62] 2,707,050  
[30] US (61/013,235) 2007-12-12

[21] **2,837,617**  
[13] A1

[51] **Int.Cl. H04H 60/72 (2009.01) H04H 60/43 (2009.01) H04N 21/462 (2011.01)**

[25] EN

[54] **VIRTUAL CHANNEL TABLE FOR A BROADCAST PROTOCOL AND METHOD OF BROADCASTING AND RECEIVING BROADCAST SIGNALS USING THE SAME**

[54] **TABLE DE CANAUX VIRTUELS POUR PROTOCOLE DE RADIODIFFUSION ET MÉTHODE D'ÉMISSION ET DE RÉCEPTION DE SIGNAUX DE RADIODIFFUSION À L'AIDE DE CETTE TABLE**

[72] KIM, JIN PIL, KR  
[71] LG ELECTRONICS INC., KR

[22] 2000-10-06  
[41] 2001-04-08  
[62] 2,824,634  
[30] KR (P1999-43508) 1999-10-08

[21] **2,838,352**  
[13] A1

[51] **Int.Cl. A61L 33/10 (2006.01) A61K 47/48 (2006.01) A61L 29/08 (2006.01) A61L 29/16 (2006.01) A61L 31/08 (2006.01) A61L 31/16 (2006.01) A61K 31/727 (2006.01)**

[25] EN

[54] **NOVEL HEPARIN ENTITIES AND METHODS OF USE**

[54] **NOUVELLES ENTITES À BASE D'HEPARINE ET MÉTHODES D'UTILISATION DE CELLES-CI**

[72] BIRAN, ROY, US  
[72] CLAUDE, CHARLES D., US  
[72] CLEEK, ROBERT L., US  
[72] DRUMHELLER, PAUL D., US  
[72] LI, MEI, US  
[72] MARDIROSIAN, NORA, US  
[71] GORE ENTERPRISE HOLDINGS, INC., US

[22] 2010-09-16  
[41] 2011-03-24  
[62] 2,774,494  
[30] US (12/561,927) 2009-09-17  
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[13] A1

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[54] **INHALER AND SIEVE FOR AN INHALER**  
[54] **INHALATEUR ET FILTRE POUR UN INHALATEUR**  
[72] HAERDER, LUKAS, DE  
[72] BREUER, CLAUS, DE  
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE  
[22] 2009-03-11  
[41] 2009-09-17  
[62] 2,717,275  
[30] DE (10 2008 014 025.2) 2008-03-13

[21] **2,838,373**  
[13] A1

[51] **Int.Cl. B65D 43/00 (2006.01)**  
[25] EN  
[54] **CUP ASSEMBLY**  
[54] **ENSEMBLE TASSE**  
[72] RANDOLPH, ROSS STEVEN, US  
[72] SEJNOWSKI, JOSEPH PAUL, US  
[71] PLAYTEX PRODUCTS INC., US  
[22] 2004-04-01  
[41] 2004-10-21  
[62] 2,520,447

[21] **2,838,559**  
[13] A1

[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/31 (2006.01) A61M 5/32 (2006.01)**  
[25] EN  
[54] **PREFILLED RETRACTABLE SYRINGE, PLUNGER AND NEEDLE ASSEMBLY THEREFOR**  
[54] **SERINGUE RETRACTABLE PREREMPLIE, PISTON ET ENSEMBLE AIGUILLE POUR LADITE SERINGUE**  
[72] THORLEY, CRAIG, AU  
[72] KAAL, JOSEPH, AU  
[72] RAFFERTY, CHRISTOPHER, AU  
[72] SOKOLOV, RICHARD, AU  
[72] HUESO, ERNESTO, AU  
[72] WALLIS, HUW, AU  
[72] TRUONG, STEVE CHI, AU  
[71] UNITRACT SYRINGE PTY LTD, AU  
[22] 2008-07-02  
[41] 2009-01-08  
[62] 2,692,968  
[30] AU (2007903565) 2007-07-02  
[30] US (61/012,643) 2007-12-10

[21] **2,839,576**  
[13] A1

[51] **Int.Cl. C07C 233/35 (2006.01) A61K 8/33 (2006.01) A61K 8/35 (2006.01) A61Q 13/00 (2006.01) C07C 233/36 (2006.01) C11B 9/00 (2006.01) C11D 3/50 (2006.01) C11D 17/04 (2006.01)**  
[25] EN  
[54] **FUNCTIONAL FRAGRANCE PRECURSOR**  
[54] **PRECURSEURS FONCTIONNELS DE PARFUMS**  
[72] SMITH, DANIEL W., US  
[72] FAROOQ, AMJAD, US  
[72] WU, DONGHUI, US  
[72] HEIBEL, MARIJA, US  
[72] DREHS, KAREN, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[22] 2003-11-19  
[41] 2004-06-10  
[62] 2,507,023  
[30] US (10/303,287) 2002-11-25

[21] **2,840,490**  
[13] A1

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[25] EN  
[54] **POLYALKYLENE GLYCOL WITH MOIETY FOR CONJUGATING BIOLOGICALLY ACTIVE COMPOUNDS**  
[54] **POLY(ALCYLENEGLYCOL) COMPORTANT DES ENTITES POUR CONJUGUER DES COMPOSES BIOLOGIQUEMENT ACTIFS**  
[72] LIN, KOCHUNG, US  
[72] PEPINSKY, R. BLAKE, US  
[72] CHEN, LING LING, US  
[72] HESS, DONNA M., US  
[72] LIN, EDWARD Y., US  
[72] PETTER, RUSSELL C., US  
[72] BAKER, DARREN P., US  
[71] BIOGEN IDEC MA INC., US  
[22] 2003-01-17  
[41] 2003-07-31  
[62] 2,753,899  
[30] US (60/349,917) 2002-01-18

[21] **2,840,566**  
[13] A1

[51] **Int.Cl. H01M 4/505 (2010.01) C01D 15/00 (2006.01) C01G 45/00 (2006.01) C30B 29/22 (2006.01) C30B 31/02 (2006.01)**  
[25] EN  
[54] **LITHIUM MANGANESE COMPOUNDS AND METHODS OF MAKING THE SAME**  
[54] **COMPOSES DE LITHIUM ET MANGANESE, ET PROCEDES DE FABRICATION CORRESPONDANTS**  
[72] GAO, YUAN, US  
[72] YAKOVLEVA, MARINA, US  
[72] FITCH, BRIAN, US  
[71] FMC CORPORATION, LITHIUM DIVISION, US  
[22] 2006-06-29  
[41] 2007-01-04  
[62] 2,610,077  
[30] US (60/695,159) 2005-06-29

[21] **2,840,677**  
[13] A1

[51] **Int.Cl. E04F 15/20 (2006.01) A47B 96/20 (2006.01) B32B 27/00 (2006.01) B32B 27/04 (2006.01) B32B 33/00 (2006.01) B32B 37/00 (2006.01) C09D 201/00 (2006.01) F16S 1/00 (2006.01) G10K 11/168 (2006.01)**  
[25] EN  
[54] **SOUND ATTENUATING LAMINATE MATERIALS**  
[54] **MATERIAUX STRATIFIES D'ATTENUATION DES SONS**  
[72] CLAUSI, ROBERT N., CA  
[72] DILORETO, SALVATORE ANTHONY, CA  
[71] CLAUSI, ROBERT N., CA  
[71] DILORETO, SALVATORE ANTHONY, CA  
[22] 2010-02-03  
[41] 2010-08-12  
[62] 2,751,164  
[30] US (61/149,519) 2009-02-03

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[21] **2,840,692**  
[13] A1

[51] **Int.Cl. C12N 9/64 (2006.01) A61K 38/48 (2006.01) A61P 7/04 (2006.01) C12N 5/10 (2006.01) C12N 15/57 (2006.01) C12N 15/85 (2006.01)**

[25] EN

[54] **FVII OR FVIIA VARIANTS HAVING INCREASED CLOTTING ACTIVITY**

[54] **VARIANTS FVII OU FVIIA PRESENTANT UNE ACTIVITE DE COAGULATION AMELIOREE**

[72] HAANING, JESPER MORTENSEN, DK

[72] ANDERSEN, KIM VILBOUR, DK

[71] BAYER HEALTHCARE LLC, US

[22] 2003-09-26

[41] 2004-04-08

[62] 2,502,162

[30] US (60/414,836) 2002-09-30

[30] US (60/479,642) 2003-06-19

[21] **2,840,698**  
[13] A1

[51] **Int.Cl. A61K 31/765 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **MATERIALS AND METHODS FOR PREVENTING AND TREATING MICROBE-MEDIATED EPITHELIAL DISORDERS**

[54] **MATERIAUX ET PROCEDES POUR LA PREVENTION ET LE TRAITEMENT DE TROUBLES EPITHELIAUX A MEDIATION MICROBIENNE**

[72] ALVERDY, JOHN C., US

[71] THE UNIVERSITY OF CHICAGO, US

[22] 2002-11-26

[41] 2004-06-10

[62] 2,507,018

[21] **2,840,857**  
[13] A1

[51] **Int.Cl. C10G 1/04 (2006.01) C10C 3/08 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF SEPARATING HYDROCARBONS**

[54] **SYSTEME ET PROCEDE DE SEPARATION D'HYDROCARBURES**

[72] NEWMAN, PAUL, CA

[72] NILSEN, CHRISTIAN, US

[71] M-I LLC, US

[22] 2008-12-10

[41] 2009-06-25

[62] 2,709,300

[30] US (61/014,262) 2007-12-17

[21] **2,840,860**  
[13] A1

[51] **Int.Cl. G06T 11/60 (2006.01) G06T 15/06 (2011.01) G01C 11/00 (2006.01) G06T 3/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS OF TAKING AERIAL SURVEYS**

[54] **PROCEDE ET APPAREIL POUR REALISER DES RELEVES AERIENS**

[72] ACREE, ELAINE, US

[71] INTERGRAPH SOFTWARE TECHNOLOGIES COMPANY, US

[22] 2008-11-14

[41] 2009-05-22

[62] 2,705,809

[30] US (60/987,883) 2007-11-14

[21] **2,841,027**  
[13] A1

[51] **Int.Cl. G06F 7/00 (2006.01) G06F 17/27 (2006.01)**

[25] EN

[54] **FAST IDENTIFICATION OF COMPLEX STRINGS IN A DATA STREAM**

[54] **IDENTIFICATION RAPIDE DE CHAINES COMPLEXES DANS UN FLUX DE DONNEES**

[72] BOYCE, KEVIN GERARD, CA

[71] TREND MICRO INCORPORATED, JP

[22] 2007-02-26

[41] 2008-08-26

[62] 2,579,561

[21] **2,841,097**  
[13] A1

[51] **Int.Cl. C12N 15/62 (2006.01) A61K 47/48 (2006.01) A61P 7/00 (2006.01) A61P 35/02 (2006.01) C07K 14/535 (2006.01) C07K 14/765 (2006.01) C07K 19/00 (2006.01) C12N 15/14 (2006.01) C12N 15/27 (2006.01) C12N 15/81 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **ALBUMIN FUSION PROTEINS**

[54] **PROTEINES HYBRIDES D'ALBUMINE**

[72] ROSEN, CRAIG A., US

[72] HASELTINE, WILLIAM A., US

[72] RUBEN, STEVEN M., US

[71] HUMAN GENOME SCIENCES, INC., US

[22] 2002-12-23

[41] 2003-07-24

[62] 2,471,363

[30] US (60/341,811) 2001-12-21

[30] US (60/350,358) 2002-01-24

[30] US (60/351,360) 2002-01-28

[30] US (60/359,370) 2002-02-26

[30] US (60/360,000) 2002-02-28

[30] US (60/367,500) 2002-03-27

[30] US (60/370,227) 2002-04-08

[30] US (60/378,950) 2002-05-10

[30] US (60/382,617) 2002-05-24

[30] US (60/383,123) 2002-05-28

[30] US (60/385,708) 2002-06-05

[30] US (60/394,625) 2002-07-10

[30] US (60/398,008) 2002-07-24

[30] US (60/402,131) 2002-08-09

[30] US (60/402,708) 2002-08-13

[30] US (60/411,426) 2002-09-18

[30] US (60/411,355) 2002-09-18

[30] US (60/414,984) 2002-10-02

[30] US (60/417,611) 2002-10-11

[30] US (60/420,246) 2002-10-23

[30] US (60/423,623) 2002-11-05

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[21] **2,841,183**  
[13] A1  
[51] **Int.Cl. B65D 1/34 (2006.01) A47G  
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[25] EN  
[54] **FOOD TRAY WITH  
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[54] **BARQUETTE AVEC DOCUMENT  
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[72] LIPSCHITZ, GREGORY, CA  
[72] BOULT, KYLE, CA  
[72] LIBERTY, JONATHAN, CA  
[72] ZHANG, LEO, CN  
[71] PORTRAY ADVERTISING INC., CA  
[22] 2013-06-11  
[41] 2013-08-28  
[62] 2,819,051  
[30] US (61/717,198) 2012-10-23

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[21] **2,841,310**  
[13] A1  
[51] **Int.Cl. A61K 33/14 (2006.01) A61K  
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(2006.01) A61K 31/7004 (2006.01)  
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[25] EN  
[54] **ELECTROLYTE PURGATIVE**  
[54] **PURGATIF ELECTROLYTIQUE**  
[72] BORODY, THOMAS JULIUS, AU  
[72] RAMRAKHA, SANJAY, AU  
[72] SAXON, JOHN, AU  
[72] WETTSTEIN, ANTONY, AU  
[71] BORODY, THOMAS JULIUS, AU  
[71] RAMRAKHA, SANJAY, AU  
[71] SAXON, JOHN, AU  
[71] WETTSTEIN, ANTONY, AU  
[22] 2003-03-04  
[41] 2003-09-12  
[62] 2,478,135  
[30] AU (PS 0887) 2002-03-04

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[21] **2,841,389**  
[13] A1  
[51] **Int.Cl. C40B 40/06 (2006.01) C12Q  
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[25] EN  
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[72] STAVRIANOPOULOS, JANNIS G.,  
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[72] DONEGAN, JAMES J., US  
[72] COLEMAN, JACK, US  
[71] ENZO LIFE SCIENCES, INC., US  
[22] 2002-06-10  
[41] 2002-12-30  
[62] 2,714,119  
[30] US (09/896,897) 2001-06-30

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[21] **2,841,499**  
[13] A1  
[51] **Int.Cl. A61K 47/34 (2006.01) A61K  
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[25] EN  
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[54] **COMPOSITIONS ET METHODES  
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[72] MOSES, ARIKHA, US  
[72] BUEVICH, FATIMA, US  
[72] PULAPURA, SATISH, US  
[72] MCJAMES, WILLIAM C., US  
[71] CIPO, CA  
[22] 2010-06-01  
[41] 2010-12-09  
[62] 2,764,134  
[30] US (61/460,743) 2009-06-01

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MBDA FRANCE	2,659,755	NAGAMATSU, SHINYA	2,574,230	ONG, MEI HORNG	2,744,034
MCCARTHY, KARIN D.	2,566,389	NAGODE, RYAN C.	2,565,212	ONO, KAZUHISA	2,631,759
MCDANIEL, MAX P.	2,552,748	NAGOSHI, MASAYASU	2,742,354	ONODERA, TAIYO	2,743,876
MCDONALD, JAMES E.	2,748,436	NAKAI, MANABU	2,637,273	ONYX THERAPEUTICS, INC.	2,609,271
MCLEOD, RONALD S.	2,798,527	NAKASHIMA, AKINORI	2,709,793	OOKI, ISAO	2,820,976
MCPHERSON, ANDREW E.	2,562,555	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY	2,740,964	OPFERBECK, KEVIN W.	2,595,747
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MEGURO, HIROYUKI	2,655,286	NENTWICH, HEINZ	2,791,249	ORTIZ, MARK S.	2,554,356
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MENEAR, KEITH ALLAN	2,659,851	NESTEC S.A.	2,595,456	OZARK, L. JOHN, JR.	2,565,212
MENET, CHRISTINE	2,684,174	NESVADBA, PETER	2,748,912	P2I LTD.	2,637,625
MERRITT, HANNE	2,636,993	NETZER, PHILIP E.	2,786,775	PADIOU, JEAN-MARC	2,607,030
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MIDLAND MEDICAL DEVICES HOLDINGS, LLC	2,829,372	NIPPON FILCON CO., LTD.	2,547,179	PARK, HONG-KYU	2,741,080
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VILA, MATTHEW R.	2,529,823	YABANNAVAR, ASHA	2,544,949		
VILLENEUVE, GERALD	2,469,953	YACOB, FRANCOIS	2,614,676		
VISIONSCOPE		YAGUCHI, MITSUO	2,718,999		
TECHNOLOGIES LLC	2,748,436	YAMADA YUSUKE	2,740,964		
VOLIVA, CHARLES	2,636,993	YAMAMOTO, YASUHIRO	2,583,322		
VON HEIMBURG, FRANK	2,721,558	YAMASAKI, HARUKI	2,758,719		
VU, BINH THANH	2,630,410	YAMAZAKI, NORIYOSHI	2,709,793		
WACHENDORFF-NEUMANN,		YANG, KUI	2,762,913		
ULRIKE	2,404,868	YANG, QING	2,552,748		
WADE, DANNY S.	2,749,090	YAZAKI CORPORATION	2,709,793		
WAGER, TRAVIS T.	2,777,632	YEH, KANG CHANG	2,324,786		
WAGMAN, ALLAN	2,636,993	YOSHIDA, NORIHIRO	2,615,937		
WAKABAYASHI, KOUKI	2,820,976	YOSHIMI, NAOTO	2,742,354		
WAKEFILED, THEODORE D.,		YOSHINO KOGYOSHO CO.,			
II	2,540,620	LTD.	2,748,564		
WALDMANN, DIETER	2,611,208	YOSHINO KOGYOSHO CO.,			
WALES, KENNETH S.	2,411,460	LTD.	2,750,289		
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WALKER, SIMON	2,729,384	YU, JUNG-PIL	2,625,405		
WALTER MEIER (KLIMA		YU, LE	2,637,939		
INTERNATIONAL) AG	2,601,633	ZANINI, DIANA	2,508,916		
WANG, JIANYU	2,744,347	ZANINI, DIANA	2,647,177		
WANG, WENGE	2,720,980	ZAROR, ISABEL	2,544,949		
WARD, NAGIB MAURICE	2,578,694	ZENON TECHNOLOGY			
WATTERTON, SIMON BRUCE		PARTNERSHIP	2,614,676		
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ANDERSON, PETER S.	2,822,991	BUTELLA, BRANDEN	EWING, JAMES R.	2,786,368
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BATESVILLE SERVICES, INC.	2,823,087	CLOSE, RYAN	OY AB	2,822,948
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BERNIER, PIERRE-MARC	2,823,308	"INGENICO"	FRITON, BENJAMIN FRANZ	2,823,418
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INCORPORATED	2,835,820	CONRAD, CHAD ROBERT	FUGLEWICZ, DANIEL P.	2,822,990
BJORKMAN, TRAVIS E.	2,813,449	COON, STEVE A.	FUGLEWICZ, DANIEL P.	2,822,991
BLACKBERRY LIMITED	2,821,864	COVIDIEN LP	FUGLEWICZ, DANIEL P.	2,822,993
BLACKBERRY LIMITED	2,822,276	CRUDEN, KRISTINA ANNE	FUGLEWICZ, DANIEL P.	2,823,021
BLACKBERRY LIMITED	2,823,448	CTI CONSULTING, LLC	FUGLEWICZ, DANIEL P.	2,823,057
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BLACKBERRY LIMITED	2,823,799	DAY, MARTIN S.	FUGLEWICZ, DANIEL P.	2,823,073
BLACKBERRY LIMITED	2,823,800	DEAR, MEGHAN	FUGLEWICZ, DANIEL P.	2,823,076
BOLLIN, DOUGLAS J.	2,823,199	DEERE & COMPANY	FUGLEWICZ, DANIEL P.	2,823,078
BOLLIN, SEAN	2,823,199	DEERE & COMPANY	FYKE, STEVEN HENRY	2,822,276
BONTU, CHANDRA SEKHAR	2,823,450	DOLSON, JOHN EDWARD	GALLIOU, PAULINE	2,822,996
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WEISSMANN	2,815,970	DOWLE, ROBERT	GE AVIATION SYSTEMS LLC	2,822,940
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BOYLES, KEVAN	2,793,283	DUCTMATE INDUSTRIES,	COMPANY	2,822,679
BREMAUD, MICKAEL	2,822,996	INC.	GENERAL ELECTRIC	
BRICK, TODD A.	2,823,375	DUCTMATE INDUSTRIES,	COMPANY	2,822,937
BROWN, ADAM R.	2,815,971	INC.	GENERAL ELECTRIC	
BROWN, STEPHEN L.	2,786,368	DUCTMATE INDUSTRIES,	COMPANY	2,822,942
BU, LINGPU	2,785,984	INC.	GERBER, BRANDON SHANE	2,822,937
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GUAY GUAY TRADING CO., LTD.	2,785,343	KENTEC INC.	2,793,980	MESSIER, SYLVIA	2,821,687
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GUDENBURR, DOUGLAS G.	2,823,794	KETTNER, BRUCE	2,835,820	MIYAKOSHI PRINTING	
GUHL, MICHAEL L.	2,823,835	KHATIB, HASAN	2,823,638	MACHINERY CO., LTD.	2,821,476
GUM, MARK W.	2,821,702	KIRCHHOFF, TIMM	2,820,325	MIYAKOSHI PRINTING	
Haidri, ANEES	2,823,835	KIRUMAKKI, SHARATH	2,822,996	MACHINERY CO., LTD.	2,822,992
HAMEL, SIMON	2,785,130	KOLOGE, JOSEPH F.	2,822,926	MOHN, CHARLES	2,822,989
HAMILTON SUNDSTRAND CORPORATION	2,819,735	KONDOU, SHINICHI	2,823,201	MOHN, CHARLES	2,822,990
HAMPTON PRODUCTS INTERNATIONAL CORPORATION	2,821,533	KOVACICH, JOHN A.	2,821,732	MOHN, CHARLES	2,822,991
HARPER, GREGORY C.	2,835,473	KOYILOTHU, SARIN KUMAR ANAKKAT	2,821,732	MOHN, CHARLES	2,822,993
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HENRY FORD HOSPITAL	2,786,368	KUSUNO, NOBUHIRO	2,823,201	MOHN, CHARLES	2,823,057
HENRY, JAMES WAYNE	2,806,410	L.T. MACHINE & TOOLS INC.	2,816,624	MOHN, CHARLES	2,823,070
HENRY, JIM	2,806,408	LABONTE, GILLES	2,790,765	MOHN, CHARLES	2,823,073
HIGH SEC LABS LTD.	2,823,745	LAI, JIANYAN	2,820,418	MOHN, CHARLES	2,823,076
HITACHI POWER SOLUTIONS CO., LTD.	2,823,201	LALIBERTE, REMI	2,823,308	MOHN, CHARLES	2,823,078
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HOLZMAN, PAUL	2,823,087	LANG, RICHARD	2,785,201	MORIN, JEAN	2,785,201
HOMER TLC, INC.	2,823,835	LANOUE, ERIC	2,824,020	MUELLER, DALE E.	2,815,954
HOSHIHIRA, YUGO	2,823,201	LAWRENCE, VICKY	2,823,746	MUNK-HANSEN, THORKIL	2,823,271
HOSHINO, NAOKI	2,823,201	LE, TUAN V.	2,816,624	NAMIKI, TAKAO	2,821,476
HOTTA, JOANN	2,822,229	LE, TUAN VINH	2,786,721	NAUMANN, PAUL	2,823,345
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HULL, LES	2,821,459	LEE, YU CHIEH	2,785,270	NORWOOD ARCHITECTURE, INC.	2,823,411
HUOT, DAVID ROBERT	2,823,308	LEE, YU CHIEH	2,785,369	NORWOOD, STEVEN A.	2,823,411
IDEA NUOVA, INC.	2,791,594	LEE, YU CHIEH	2,785,445	NOV DOWNHOLE EURASIA LIMITED	2,786,017
IOR CANADA LTD.	2,835,592	LEE, YU CHIEH	2,785,477	OBLACK, MARK J.	2,823,395
ISHIKAWA, AKIRA	2,821,476	LEE, YU CHIEH	2,785,478	OBLACK, MARK J.	2,823,412
ISOLDI, GINA	2,785,498	LEE, YU CHIEH	2,785,481	OBLACK, MARK J.	2,823,764
ITABASHI, WATARU	2,821,476	LEE, YU CHIEH	2,785,482	OCCHIPINTI, BENJAMIN THOMAS	2,822,940
IZAWA, HIDEO	2,821,476	LEE, YU CHIEH	2,785,484	OLYMPIA TRUST COMPANY	2,786,361
IZAWA, HIDEO	2,822,992	LEE, YU CHIEH	2,785,544	OSTERHOFF, ADAM	2,823,411
JACKSON, DAVID LYNN	2,824,081	LEE, YU CHIEH	2,785,546	OVERDORFF DAVID E., II	2,823,795
JACOB, ALAIN	2,822,706	LEE, YU CHIEH	2,785,547	OVERDORFF, DAVID E., II	2,823,762
JANOVY, DANIEL L.	2,823,375	LEONCZYK, ANDREW P.	2,823,345	OVERDORFF, DAVID E., II	2,823,794
JANOVY, DAVID L.	2,823,375	LIAO, YIN-HSI	2,785,343	PACHECO, CHAD R.	2,823,551
JEFFERSON, ALVIN L.	2,823,760	LIFE, LLC	2,823,445	PAL, JOHN J., JR.	2,820,196
JEFFERSON, ALVIN L.	2,823,762	LIU, LONG JIAN	2,786,368	PALL CORPORATION	2,821,687
JEFFERSON, ALVIN L.	2,823,794	LOCALIZE SERVICES LTD.	2,785,271	PANACIS INC.	2,824,020
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JOST-WERKE GMBH	2,823,111	MAK, GENEVIEVE		PASQUERO, JEROME	2,822,276
JOST-WERKE GMBH	2,823,478	ELIZABETH	2,821,864	PAULS, ROB	2,835,820
KAKUMANU, SARAT	2,822,989	MALCOMB, CHARLES A.	2,823,087	PAWLINSKI, STANISLAUS	2,787,762
KAKUMANU, SARAT	2,822,990	MALEC, ARIEN	2,786,127	PEL INTERNATIONAL INC.	2,822,326
KAKUMANU, SARAT	2,822,991	MALEC, ARIEN	2,786,484	PELLETIER, GINO	2,787,734
KAKUMANU, SARAT	2,822,993	MARTIN JR., THOMAS J.	2,823,021	PELLETIER, GINO	2,822,326
KAKUMANU, SARAT	2,823,021	MARTIN JR., THOMAS J.	2,823,057	PELLETIER, PATRICE	2,787,734
KAKUMANU, SARAT	2,823,057	MARTIN JR., THOMAS J.	2,823,070	PELLETIER, PATRICE	2,822,326
KAKUMANU, SARAT	2,823,070	MARTIN JR., THOMAS J.	2,823,073	PERIYALWAR, SHALINI SURESH	2,823,450
KAKUMANU, SARAT	2,823,073	MARTIN, THOMAS J., JR.	2,822,989	PERLEY, THOMAS FRANKLIN	2,822,937
KAKUMANU, SARAT	2,823,076	MARTIN, THOMAS J., JR.	2,822,990	PETERSON, LARA	2,823,417
KAKUMANU, SARAT	2,823,078	MARTIN, THOMAS J., JR.	2,822,991	PICKREN, ROY ANTHONY	2,821,527
KAPSCH TRAFFICOM AG	2,819,322	MARTIN, THOMAS J., JR.	2,822,993	PINKAL, DONALD R.	2,823,551
KAPSCH TRAFFICOM AG	2,819,441	MARTIN, THOMAS J., JR.	2,823,076	POLLOCK, DAVID P.	2,823,345
		MARTIN, THOMAS J., JR.	2,823,076		
		MARTIN, THOMAS J., JR.	2,823,078		
		MASALIN, PETTERI	2,822,948		
		MCKESSON FINANCIAL HOLDINGS	2,786,127		

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REDENSHEK, TODD	2,823,746	SPENCER, MICHAEL R.	2,823,430	WEIMANN, FRANZ	2,819,441
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REYNOLDS, KRISTINE ANN	2,823,763	STERK, PAUL	2,823,835	WESSEL, CHRISTOPHER M.	2,823,087
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RICHISON, CLIFFORD MARION	2,798,353	STEWART, COREY JAMES	2,785,894	WEYERHAEUSER NR COMPANY	2,813,449
ROBAK, GLEN	2,813,449	STRUTT, ACHIM	2,823,111	WHIRLPOOL CORPORATION	2,815,954
ROBERTS, ANTHONY GERARD	2,823,025	SUGIYAMA, SEIKO	2,822,992	WHIRLPOOL CORPORATION	2,815,970
ROBINSON, KENNETH W.	2,785,780	SUNG, LIAM-YUNG	2,793,980	WHIRLPOOL CORPORATION	2,815,971
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SAEVECKE, DIRK	2,785,498	TEYSSANDIER, BENOIT	2,823,364	WU, WEIMIN	2,835,831
SALLAS, JOHN	2,823,364	THE BOEING COMPANY	2,816,220	XRS CORPORATION	2,822,989
SALOJARVI, JOUNI	2,822,948	THE BOEING COMPANY	2,816,830	XRS CORPORATION	2,822,990
SAYER, CHERYL	2,821,687	THE BOEING COMPANY	2,818,638	XRS CORPORATION	2,822,991
SCHEIDER, THOMAS	2,819,322	THE PROCTER AND GAMBLE COMPANY	2,785,498	XRS CORPORATION	2,822,993
SCHEIDER, THOMAS	2,819,441	THEROUX, MARC	2,835,820	XRS CORPORATION	2,823,021
SCHLESINGER, MORDECHAY	2,786,368	THINNES, MARK D.	2,823,395	XRS CORPORATION	2,823,057
SCHMIER, MARK A., II	2,818,638	TIJINK, JASJA	2,819,322	XRS CORPORATION	2,823,070
SCHOLZ, KEVIN JAMES	2,823,835	TIJINK, JASJA	2,819,441	XRS CORPORATION	2,823,073
SCHRODL, SOREN	2,819,322	TORMEY, WILLIAM E., III	2,823,345	XRS CORPORATION	2,823,076
SCHRODL, SOREN	2,819,441	TREMBLAY, DANY	2,786,689	XRS CORPORATION	2,823,078
SCHWANZ, CHRISTOPH	2,821,150	TREMBLAY, YAN	2,785,130	XRS CORPORATION	2,785,984
SCOTT, SHERRYL LEE LORRAINE	2,822,276	TRILICON, LLC	2,823,871	YARBROUGH, AARON	2,822,937
SEARLE, GARY	2,823,345	TRION INDUSTRIES, INC.	2,822,926	YU, PEIQUN (ANTHONY)	2,785,682
SEIDEL, GUNTER	2,823,478	TRUXEDO, INC.	2,823,430	YUNG, CHI SHING	2,818,771
SEKULA, CHRISTOPHER A.	2,822,989	TUNKEL, ROMAN	2,823,345	ZEPF TECHNOLOGIES UK LIMITED	2,823,323
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SEKULA, CHRISTOPHER A.	2,822,991	TUTTLE, ODELL R.	2,822,990		
SEKULA, CHRISTOPHER A.	2,822,993	TUTTLE, ODELL R.	2,822,991		
SEKULA, CHRISTOPHER A.	2,823,021	TUTTLE, ODELL R.	2,822,993		
SEKULA, CHRISTOPHER A.	2,823,057	TUTTLE, ODELL R.	2,823,021		
SEKULA, CHRISTOPHER A.	2,823,070	TUTTLE, ODELL R.	2,823,057		
SEKULA, CHRISTOPHER A.	2,823,073	TUTTLE, ODELL R.	2,823,070		
SEKULA, CHRISTOPHER A.	2,823,076	TUTTLE, ODELL R.	2,823,073		
SEKULA, CHRISTOPHER A.	2,823,078	TUTTLE, ODELL R.	2,823,076		
SENAY, BERNARD	2,823,308	TUTTLE, ODELL R.	2,823,078		
SHROFF, JAIDEV RAJNIKANT	2,821,457	UNITED PHOSPHORUS LIMITED	2,821,457		
SHROFF, VIKRAM RAJNIKANT	2,821,457	UNIVERSITY OF WINDSOR	2,786,368		
SIEMENS AKTIENGESELLSCHAFT	2,823,271	VAISBAND, OLEG	2,823,745		
SINGH, AMIT PAL	2,820,913	VAN, THANH V.	2,816,624		
SINGH, ANIRUDH	2,785,498	VEZINA, CHRISTIAN	2,823,308		
SINGLETON, DAVID BRIAN	2,821,527	VICTORIA'S SECRET STORES BRAND MANAGEMENT, INC.	2,818,771		
SKAUGE, RICHARD KENNETH	2,786,361	VIENS, MATHIEU	2,785,130		
SMITH, ROBERT JOVAN	2,818,771	VISTA PATIO DOORS INC.	2,785,199		
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ABBOTT DIABETES CARE INC.	2,841,086	ARCHER, MATTHEW J.	2,841,357	BALLAND, MARTIAL BALLESTY, DANIEL	2,841,308
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AGGARWAL, VIKRAM	2,841,423	ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS	2,841,036	BARD, NATHAN	2,841,543
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BERRANG, PETER G.	2,841,007	BOSSI, RICHARD H.	2,841,071	JOHN	2,841,063
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BIOSYNTHEMA INC.	2,841,238	BROWN, MARC BARRY	2,841,632	CARREJO, NICHOLAS	2,841,184
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BLACKBERRY LIMITED	2,841,143	BUDA, PAUL	2,841,590	CATTACIN, GILLES	2,841,224
BLACKBERRY LIMITED	2,841,145	BUDIMAN, ERWIN S.	2,841,086	CATTACIN, GILLES	2,841,754
BLACKBERRY LIMITED	2,841,770	BUERGER, ECKART	2,841,546	CAUDILL, TROY SHELDON	2,841,758
BLACKBERRY LIMITED	2,841,776	BUNKERS, MARCEL JAN		CECAP PTY LTD	2,841,333
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DUBOIS, JEAN-LUC	2,841,161	EUGSTER/FRISMAAG AG	FUKUSHIMA, SUGUHIRO	2,841,064
DUDARONEK, JUSTYNA	2,841,088	EUN, DONG JIN	FULLAM, SCOTT	2,814,834
DUFRESNE, ROBERT	2,841,222	EUPHARMA PTY LTD	FULLAM, SCOTT	2,841,122
DUIKER COMBUSTION		EUTICK, MALVIN	FURLAN, WAYNE	2,841,184
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EAST, LOYD	2,841,254	FARNAN, ROBERT C.	LYNN	2,841,266
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ROGERS-EVANS, MARK	2,841,037	SCHAEFER, NORBERT	2,841,658	SINGH, ANURAG	2,841,239
ROJKJAER, LISA	2,841,738	SCHAEFER, NORBERT	2,841,661	SIRIUS XM RADIO INC.	2,841,786
ROL CORREDOR, JAVIER	2,841,041	SCHAFAER, MATTHIAS	2,841,214	SIRIUS XM RADIO INC.	2,841,787
ROMO, DAVID	2,841,365	SCHAFAER, MATTHIAS	2,841,220	SIRIUS XM RADIO INC.	2,841,790
ROMUALD, GAETAN	2,841,339	SCHAFAER, MATTHIAS	2,841,226	SIVASANKAR, NARAYANAPPA	2,841,062
ROMUALD, GAETAN	2,841,341	SCHAFAER, MATTHIAS	2,841,229	SK CHEMICALS CO., LTD.	2,841,252
ROOKER, DAVID PHILIP	2,841,042	SCHALK, WOLFRAM	2,841,705	SKJOLSTRUP, JENS	2,841,610
ROSATI, ANTHONY	2,841,063	SCHLUMBERGER CANADA LIMITED	2,841,040	SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH	2,841,069
ROSATI, ANTHONY	2,841,776	SCHLUMBERGER CANADA LIMITED	2,841,581	SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH	2,841,173
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ACREE, ELAINE	2,840,860	HALL, ROBBIE W.	2,822,628	SAMSUNG ELECTRONICS	
AETHON, INC.	2,837,477	HAMILTON, ALISTAIR R.	2,820,993	CO., LTD.	2,836,177
ALLEN, SPENCER, WAYNE	2,837,477	HASELTINE, WILLIAM A.	2,841,097	SAVE, SANJIV	2,822,455
ALVERDY, JOHN C.	2,840,698	HATCH LTD.	2,822,455	SAXON, JOHN	2,841,310
ANDERSEN, KIM VILBOUR	2,840,692	HEIBEL, MARIJA	2,839,576	SEJNOWSKI, JOSEPH PAUL	2,838,373
BAHULEKAR, RAMAN	2,841,499	HEIDECKE, KARSTEN	2,837,581	SIMMONDS PRECISION	
BAKER, DARREN P.	2,840,490	HESS, DONNA M.	2,840,490	PRODUCTS, INC.	2,822,628
BAYER HEALTHCARE LLC	2,840,692	HUESO, ERNESTO	2,838,559	SKIRBLE, BARRY, MARK	2,837,477
BELL, JOSHUA	2,836,087	HUMAN GENOME SCIENCES,		SMITH, DANIEL W.	2,839,576
BENEDEK, JOSEPH E.	2,820,993	INC.	2,841,097	SOKOLOV, RICHARD	2,838,559
BIOGEN IDEC MA INC.	2,840,490	INTERGRAPH SOFTWARE		STAVRIANOPOULOS, JANNIS	
BIRAN, ROY	2,838,352	TECHNOLOGIES		G.	2,841,389
BOCKING, ANDREW D.	2,820,993	COMPANY	2,840,860	THE UNIVERSITY OF	
BOEHRINGER INGELHEIM		KAAL, JOSEPH	2,838,559	CHICAGO	2,840,698
PHARMA GMBH & CO.		KIM, JIN PIL	2,837,617	THORLEY, CRAIG	2,838,559
KG	2,838,366	LALWANAY, POORNIMA A.	2,835,479	THORNE, HENRY F.	2,837,477
BORODY, THOMAS JULIUS	2,841,310	LAZARIDIS, MIHAL	2,820,993	THORPE, STEVEN J.	2,837,438
BOULT, KYLE	2,841,183	LG ELECTRONICS INC.	2,837,617	TREND MICRO	
BOYCE, KEVIN GERARD	2,841,027	LI, MEI	2,838,352	INCORPORATED	2,841,027
BREUER, CLAUS	2,838,366	LIBERTY, JONATHAN	2,841,183	TRUONG, STEVE CHI	2,838,559
BUEVICH, FATIMA	2,841,499	LIN, EDWARD Y.	2,840,490	UNITRACT SYRINGE PTY LTD	2,838,559
CARROLL, KIERAN A.	2,837,438	LIN, KOCHUNG	2,840,490	WALLIS, HUW	2,838,559
CHEN, LING LING	2,840,490	LINDSAY, DONALD J.	2,820,993	WEATHERFORD/LAMB, INC.	2,837,581
CHERIAN, GEORGE	2,835,479	LIPSCHITZ, GREGORY	2,841,183	WETTSTEIN, ANTONY	2,841,310
CHO, JOON-YOUNG	2,836,177	M-I LLC	2,840,857	WOLFF, VINING	2,822,455
CIPO	2,841,499	MARDIROSIAN, NORA	2,838,352	WOOD, TODD A.	2,820,993
CLAUDE, CHARLES D.	2,838,352	MCJAMES, WILLIAM C.	2,841,499	WU, DONGHUI	2,839,576
CLAUSI, ROBERT N.	2,840,677	MOSES, ARIKHA	2,841,499	YAKOVLEVA, MARINA	2,840,566
CLEEK, ROBERT L.	2,838,352	MOTOROLA MOBILITY, INC.	2,835,479	ZHANG, LEO	2,841,183
COLEMAN, JACK	2,841,389	NEL, WESSEL	2,822,455	ZINI, ALDO	2,837,477
COLGATE-PALMOLIVE		NEWMAN, PAUL	2,840,857		
COMPANY	2,839,576	NILSEN, CHRISTIAN	2,840,857		
DILORETO, SALVATORE		OLSTAD, DELANEY MICHAEL	2,837,581		
ANTHONY	2,840,677	PAPASAKELLARIOU, ARIS	2,836,177		
DODGE, DANNY T.	2,820,993	PAYNE, ROBERT D.	2,820,993		
DONEGAN, JAMES J.	2,841,389	PEPINSKY, R. BLAKE	2,840,490		
DOOLEY, KEVIN ALLAN	2,836,087	PETTER, RUSSELL C.	2,840,490		
DREHS, KAREN	2,839,576	PLAYTEX PRODUCTS INC.	2,838,373		
DRUMHELLER, PAUL D.	2,838,352	PORTRAY ADVERTISING INC.	2,841,183		
ENZO LIFE SCIENCES, INC.	2,841,389	PRATT & WHITNEY CANADA			
FAIRLEY, STUART	2,837,477	CORP.	2,836,087		
FAROOQ, AMJAD	2,839,576	PULAPURA, SATISH	2,841,499		
FISHER, RALEIGH	2,837,581	QNX SOFTWARE SYSTEMS			
FITCH, BRIAN	2,840,566	LIMITED	2,820,993		
FMC CORPORATION,		RABBANI, ELAZAR	2,841,389		
LITHIUM DIVISION	2,840,566	RAFFERTY, CHRISTOPHER	2,838,559		
FRENCH, JOHN BERRY	2,837,438	RAMRAKHA, SANJAY	2,841,310		
GAO, YUAN	2,840,566	RANDOLPH, ROSS STEVEN	2,838,373		
GEDEX INC.	2,837,438	RESEARCH IN MOTION			
GORE ENTERPRISE		LIMITED	2,820,993		
HOLDINGS, INC.	2,838,352	RIALS, ROSS	2,837,581		
GRIFFIN, JASON T.	2,820,993	ROSEN, CRAIG A.	2,841,097		
HAANING, JESPER		RUBEN, STEVEN M.	2,841,097		
MORTENSEN	2,840,692	RYDENHAG, DANIEL T.	2,820,993		
HAERDER, LUKAS	2,838,366	SALEHI, EBRAHIM	2,822,455		