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# The Patent

Office Record

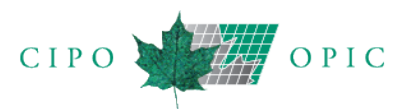
# La Gazette

du Bureau des brevets



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Canada



# 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.

# Table of Contents

## Table des matières

Notices	
Avis .....	1
Canadian Patents Issued	
Brevets canadiens délivrés .....	20
Canadian Applications Open to Public Inspection	
Demandes canadiennes mises à la disponibilité du public.....	88
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale .....	109
Canadian Divisional and Previously Unavailable Applications Open to Public Inspection	
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	189
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés .....	196
Index of Canadian Applications Open to Public Inspection	
Index des demandes canadiennes mises à la disponibilité du public .....	208
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale .....	212
Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection	
Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	226

## 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 November 1, 2013

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1490*
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 1 novembre 2013

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1490 \$*
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)) \$224

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

\* International fees will be reduced by:

- \$112 for all applications filed using PCT-EASY,
- \$224 for all applications filed electronically using PCT-SAFE (The request in character coded format).
- \$336 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) 224 \$

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

\* Les frais seront réduits de:

- 112 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 224 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- 336 \$ 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 December 17, 2013 contains applications open to public inspection from December 1, 2013 to December 7, 2013.

Photographies en format JPEG :

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

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

### 5. Renseignements généraux

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

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

La *Gazette du bureau des brevets* du 17 décembre 2013 contient les demandes disponibles au public pour consultation pour la période du 1 décembre 2013 au 7 décembre 2013.

# Canadian Patents Issued

December 17, 2013

## Brevets canadiens délivrés

17 décembre 2013

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[11] **2,232,813**  
[13] C

[51] **Int.Cl. C12N 5/16 (2006.01) A01K 67/02 (2006.01) A01K 67/027 (2006.01) C07K 16/00 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01) C12P 21/08 (2006.01) G01N 33/577 (2006.01)**

[25] EN

[54] **TRANSGENIC NON-HUMAN ANIMALS CAPABLE OF PRODUCING HETEROLOGOUS ANTIBODIES**

[54] **ANIMAUX NON HUMAINS TRANSGENIQUES POUVANT PRODUIRE DES ANTICORPS HETEROLOGUES**

[72] LONBERG, NILS, US

[72] KAY, ROBERT M., US

[73] GENPHARM INTERNATIONAL, INC., US

[85] 1998-03-24

[86] 1996-10-10 (PCT/US1996/016433)

[87] (WO1997/013852)

[30] US (08/544,404) 1995-10-10

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[11] **2,276,064**  
[13] C

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/00 (2006.01) C12N 15/10 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **EVOLUTION OF WHOLE CELLS AND ORGANISMS BY RECURSIVE SEQUENCE RECOMBINATION**

[54] **EVOLUTION DE CELLULES ENTIERES ET D'ORGANISMES PAR RECOMBINAISON RECURSIVE DE SEQUENCES**

[72] DELCARDAYRE, STEPHEN B., US

[72] TOBIN, MATTHEW B., US

[72] STEMMER, WILLEM P. C., US

[72] NESS, JON E., US

[72] MINSHULL, JEREMY, US

[72] PATTEN, PHILLIP, US

[73] CODEXIS MAYFLOWER HOLDINGS, LLC, US

[85] 1999-06-23

[86] 1998-01-16 (PCT/US1998/000852)

[87] (WO1998/031837)

[30] US (60/035,054) 1997-01-17

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[11] **2,366,921**  
[13] C

[51] **Int.Cl. C12N 15/19 (2006.01) C07K 14/52 (2006.01) A61K 38/00 (2006.01)**

[25] EN

[54] **NOVEL CYTOKINE ZALPHA11 LIGAND**

[54] **NOUVELLE CYTOKINE LIGAND ZALPHA11**

[72] NOVAK, JULIA E., US

[72] PRESNELL, SCOTT R., US

[72] SPRECHER, CINDY A., US

[72] FOSTER, DONALD C., US

[72] HOLLY, RICHARD D., US

[72] GROSS, JANE A., US

[72] JOHNSTON, JANET V., US

[72] NELSON, ANDREW J., US

[72] DILLON, STACEY R., US

[72] HAMMOND, ANGELA K., US

[73] ZYMOGENETICS, INC., US

[85] 2001-09-10

[86] 2000-03-09 (PCT/US2000/006067)

[87] (WO2000/053761)

[30] US (09/264,908) 1999-03-09

[30] US (09/265,992) 1999-03-11

[30] US (60/142,013) 1999-07-01

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[11] **2,305,068**  
[13] C

[51] **Int.Cl. G06F 3/048 (2013.01) G06T 19/20 (2011.01) G06F 17/50 (2006.01)**

[25] EN

[54] **KNOWLEDGE-BASED POLYMORPH UNDOCKABLE TOOLBAR**

[54] **BARRE D'OUTILS POLYMORPHE FLOTTANTE FONCTIONNANT A BASE DE CONNAISSANCES**

[72] CHARLES, BERNARD, FR

[72] CROS, JEAN-CHRISTOPHE, FR

[72] DEBAISIEUX, GREGOIRE, FR

[72] PERROUX, FRANCOIS, FR

[73] DASSAULT SYSTEMES, FR

[86] (2305068)

[87] (2305068)

[22] 2000-04-12

[30] US (09/329,727) 1999-06-10

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[11] **2,370,563**  
[13] C

[51] **Int.Cl. A61K 39/21 (2006.01) C07K 14/16 (2006.01) A61K 39/00 (2006.01)**

[25] FR

[54] **ANTI-HIV 1 VACCINE COMPRISING THE ENTIRE OR PART OF THE TAT HIV-1 PROTEIN**

[54] **VACCIN ANTI-VIH-1 COMPRENANT TOUT OU PARTIE DE LA PROTEINE TAT DE VIH-1**

[72] LORET, ERWANN, FR

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

[85] 2001-10-12

[86] 2000-04-12 (PCT/FR2000/000938)

[87] (WO2000/061067)

[30] FR (99/04610) 1999-04-13

[30] FR (99/16633) 1999-12-29

**Canadian Patents Issued  
December 17, 2013**

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[11] **2,371,703**  
[13] C

[51] **Int.Cl. G06Q 40/08 (2012.01) G06F 9/46 (2006.01)**  
[25] EN  
[54] **METHOD AND ARTICLE OF MANUFACTURE FOR COMPONENT BASED TASK HANDLING DURING CLAIM PROCESSING**  
[54] **PROCEDE ET ARTICLE DE FABRICATION DESTINES A LA GESTION DE TACHES BASEE SUR DES COMPOSANTES AU COURS D'UNE DEMANDE DE REGLEMENT**  
[72] GUYAN, GEORGE V., US  
[72] PISH, ROBERT H., US  
[72] MUNTADA, CARLES, US  
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE  
[85] 2001-11-01  
[86] 2000-05-04 (PCT/US2000/012240)  
[87] (WO2000/067181)  
[30] US (09/305,234) 1999-05-04

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[11] **2,378,175**  
[13] C

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[25] EN  
[54] **AUTOMATED ON-LINE COMMERCE METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL AUTOMATIQUES DE COMMERCE EN LIGNE**  
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[72] HOOD, ROBERT, US  
[73] AMERICAN FREEWAY, INC. D.B.A. SMARTSHOP.COM, US  
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[30] US (09/566,734) 2000-05-09

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[25] EN  
[54] **P. GINGIVALIS ANTIGENIC COMPOSITION**  
[54] **COMPOSITION ANTIGENIQUE DE P. GINGIVALIS**  
[72] REYNOLDS, ERIC CHARLES, AU  
[72] SLAKESKI, NADA, AU  
[72] CHEN, CHAO GUANG, AU  
[72] BARR, IAN GEORGE, AU  
[73] CSL LIMITED, AU  
[73] THE UNIVERSITY OF MELBOURNE, AU  
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[11] **2,397,111**  
[13] C

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[54] **SYSTEM AND APPARATUS FOR PROPORTIONING FLUID FLOW**  
[54] **SYSTEME ET APPAREIL POUR FOURNIR UN ECOULEMENT DE FLUIDE**  
[72] BRIGGS, DENNIS A., US  
[73] THERAKOS, INC., US  
[85] 2002-07-10  
[86] 2001-01-10 (PCT/US2001/000720)  
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[13] C

[51] **Int.Cl. C09K 9/02 (2006.01) G02F 1/15 (2006.01) G02F 1/153 (2006.01)**  
[25] EN  
[54] **SUBSTITUTED METALLOCENES FOR USE AS ANODIC ELECTROCHROMIC MATERIALS, AND ELECTROCHROMIC MEDIA AND DEVICES COMPRISING THE SAME**  
[54] **METALLOCENES SUBSTITUES UTILES EN TANT QUE MATERIAUX ELECTROCHROMIQUES, SUPPORT ELECTROCHROMIQUE ET DISPOSITIFS COMPRENANT CES METALLOCENES**  
[72] LOMPNEY, JEFFREY R., US  
[72] GUARR, THOMAS F., US  
[73] GENTEX CORPORATION, US  
[85] 2002-08-08  
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[25] EN  
[54] **METHOD AND SYSTEM FOR DISTRIBUTING HEALTH INFORMATION**  
[54] **PROCEDE ET SYSTEME DE TRANSMISSION D'INFORMATIONS MEDICALES**  
[72] SCHOENBERG, ROY, US  
[73] TRIZETTO CORPORATION, US  
[85] 2002-08-14  
[86] 2001-02-22 (PCT/US2001/006001)  
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[25] EN  
[54] **METHOD AND APPARATUS FOR PARTICIPATING IN GROUP COMMUNICATION SERVICES IN AN EXISTING COMMUNICATION SYSTEM**  
[54] **PROCEDE ET APPAREIL POUR PARTICIPER A DES SERVICES DE COMMUNICATIONS DE GROUPE DANS UN SYSTEME DE COMMUNICATION EXISTANT**  
[72] MAGGENTI, MARK, US  
[72] CROCKETT, DOUGLAS M., US  
[72] ROSEN, ERIC, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2002-08-22  
[86] 2001-03-02 (PCT/US2001/006741)  
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[25] EN  
[54] **METHOD AND SYSTEM FOR PROCESSING MESSAGES IN A BILL PAYMENT AND PRESENTMENT SYSTEM OVER A COMMUNICATIONS NETWORK**  
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE MESSAGES DANS UN SYSTEME DE PAIEMENT DE FACTURES ET DE PRESENTATION SUR UN RESEAU DE COMMUNICATION**  
[72] TRENDE, ROBERT G., US  
[72] MILA, PAUL J., US  
[72] CONFORTI, CATHLEEN, US  
[72] LEATHRUM, PATRICK J., US  
[72] KINNUNEN, CLIFFORD A., JR., US  
[72] LOCK, BRIAN D., US  
[72] HOLTON, MATTHEW T., US  
[72] STARK, JEFFREY M., US  
[73] MASTERCARD INTERNATIONAL INCORPORATED, US  
[85] 2002-09-25  
[86] 2001-03-29 (PCT/US2001/010075)  
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[25] EN  
[54] **METHODS FOR ISOLATING AND USING FUNGAL HEMOLYSINS**  
[54] **PROCEDES D'ISOLEMENT ET D'UTILISATION D'HEMOLYSINES FONGIQUES**  
[72] VESPER, STEPHEN JOSEPH, US  
[73] UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, US  
[85] 2002-12-02  
[86] 2001-05-31 (PCT/US2001/017509)  
[87] (WO2001/092313)  
[30] US (60/208,301) 2000-06-01

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[13] C

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[25] EN  
[54] **IMAGING, DIAGNOSIS AND TREATMENT OF ANGIOGENESIS-RELATED DISEASES COMPRISING ECSM4**  
[54] **IMAGERIE, DIAGNOSTIC ET TRAITEMENT DE MALADIES LIEES A L'ANGIOGENESE COMPRENANT ESCM4**  
[72] BICKNELL, ROY, GB  
[72] HUMINIECKI, LUKASZ, GB  
[73] CANCER RESEARCH TECHNOLOGY LIMITED, GB  
[85] 2003-04-28  
[86] 2001-11-06 (PCT/GB2001/004906)  
[87] (WO2002/036771)  
[30] US (60/245,566) 2000-11-06  
[30] US (60/273,662) 2001-03-07

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[13] C

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[25] EN  
[54] **ANALYTE TESTING DEVICE**  
[54] **APPAREIL TESTEUR D'ANALYTES**  
[72] CUMMINGS, ELIZABETH ANNE, US  
[72] MCEVOY, MARY ELLEN, US  
[72] BERGER, LARS HELMUT, DE  
[72] KRAFT, ULRICH, DE  
[72] TEUCHER, RAINER RUDOLF, DE  
[72] DAVIS, JOHN CHRISTOPHER, US  
[73] DIABETES DIAGNOSTICS, INC., US  
[86] (2430725)  
[87] (2430725)  
[22] 2003-06-03  
[30] GB (0212920.3) 2002-06-05

[11] **2,438,698**  
[13] C

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[25] EN  
[54] **IMMUNOGEN ADHERENCE INHIBITOR AND METHOD OF MAKING AND USING SAME**  
[54] **INHIBITEUR D'ADHERENCE D'IMMUNOGENES ET SA METHODE D'ELABORATION ET D'UTILISATION**  
[72] NASH, PETER, US  
[72] ROSEVEAR, JOHN W., US  
[72] ROBINSON, DONALD L., US  
[73] CAMAS, INCORPORATED, US  
[85] 2003-06-26  
[86] 2001-12-28 (PCT/US2001/049588)  
[87] (WO2003/061693)

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[25] EN  
[54] **NANOELECTRONIC DEVICES AND CIRCUITS**  
[54] **DISPOSITIFS ET CIRCUITS NANOELECTRONIQUES**

[72] SONG, AIMIN, GB  
[72] OMLING, PAR, SE  
[73] PRAGMATIC PRINTING LIMITED, GB

[85] 2003-10-17  
[86] 2002-04-18 (PCT/GB2002/001807)  
[87] (WO2002/086973)  
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[25] EN  
[54] **THERMAL CYCLING SYSTEM AND METHOD OF USE**  
[54] **SYSTEME DE CYCLAGE THERMIQUE ET SON PROCEDE D'UTILISATION**

[72] RIRIE, KIRK, US  
[73] IDAHO TECHNOLOGY, INC., US

[85] 2003-12-09  
[86] 2002-07-16 (PCT/US2002/022543)  
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[25] EN  
[54] **METHOD, APPARATUS, AND USER INTERFACE FOR MANAGING ELECTRONIC MAIL AND ALERT MESSAGES**  
[54] **METHODE, APPAREIL ET INTERFACE UTILISATEUR SERVANT A LA GESTION DU COURRIER ELECTRONIQUE ET DES MESSAGES**  
[54] **D'AVERTISSEMENT**

[72] ARCURI, MICHAEL PHILIP, US  
[72] BACIOIU, RADU, US  
[72] WHITE, CHRISTOPHER CAMERON, US

[72] DALEY, PAUL, US  
[72] SAREEN, CHAITANYA DEV, US  
[72] BEEMAN, ANTHONY JOSEPH, US  
[73] MICROSOFT CORPORATION, US

[86] (2457511)  
[87] (2457511)  
[22] 2004-02-12  
[30] US (10/367,271) 2003-02-14

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[25] EN  
[54] **FOOD ALLERGENS, METHOD OF DETECTING FOOD ALLERGENS AND METHOD OF DETECTING FOOD ALLERGY-INDUCING FOODS**  
[54] **ALLERGENES ALIMENTAIRES, PROCEDE DE DETECTION DES ALLERGENES ALIMENTAIRES ET PROCEDE DE DETECTION DES ALIMENTS PROVOQUANT DES ALLERGIES ALIMENTAIRES**

[72] MORIMATSU, FUMIKI, JP  
[72] TAKAHATA, YOSHIHISA, JP  
[72] MATSUMOTO, TAKASHI, JP  
[72] MIYAZAWA, IZUMI, JP  
[72] SHIMIZU, MUNESHIGE, JP  
[73] NIPPON MEAT PACKERS, INC., JP

[85] 2004-03-04  
[86] 2002-09-05 (PCT/JP2002/009066)  
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[30] JP (2001-269592) 2001-09-05

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

[25] EN  
[54] **GAME DEVELOPMENT ARCHITECTURE THAT DECOUPLES THE GAME LOGIC FROM THE GRAPHICS LOGIC**  
[54] **ARCHITECTURE DE DEVELOPPEMENT DE JEU DECOUPLANT LA LOGIQUE DE JEU DE LA LOGIQUE DE TRAITEMENT GRAPHIQUE**

[72] LEMAY, STEVEN G., US  
[72] NELSON, DWAYNE R., US  
[72] BRECKNER, ROBERT E., US  
[72] SCHLOTTMANN, GREG A., US  
[72] BEAULIEU, NICOLE M., US  
[72] PALCHETTI, JOHNNY, US  
[72] BENBRAHIM, JAMAL, US

[73] IGT, US

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[86] 2002-09-26 (PCT/US2002/030782)  
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[30] US (60/325,965) 2001-09-28  
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[25] EN  
[54] **MEDICAL DEVICE WITH TRACK AND METHOD OF USE**  
[54] **DISPOSITIF MEDICAL MUNI D'UNE BANDE DE DEPLACEMENT ET METHODE D'UTILISATION**

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

[86] (2463214)  
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[25] EN  
[54] **CONSOLIDATED BODY FLUID TESTING DEVICE AND METHOD**  
[54] **PROCEDE ET DISPOSITIF DE TEST CONSOLIDE D'UN FLUIDE BIOLOGIQUE**  
[72] KLOEPFER, HANS G., US  
[72] HAFELLNER, REINHARD, AT  
[72] ROACH, CHARLES W., US  
[72] THOMECEK, CHARLES, US  
[73] HANS G. KLOEPFER, US  
[85] 2004-06-01  
[86] 2002-12-06 (PCT/US2002/038914)  
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[25] EN  
[54] **MULTIPLY-SUBSTITUTED PROTEASE VARIANTS**  
[54] **VARIANTS DE PROTEASE A SUBSTITUTIONS MULTIPLES**  
[72] POULOSE, AYROOKARAN J., US  
[73] GENENCOR INTERNATIONAL, INC., US  
[85] 2004-07-08  
[86] 2003-01-16 (PCT/US2003/001447)  
[87] (WO2003/062380)  
[30] US (60/350,221) 2002-01-16

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[13] C

[51] **Int.Cl. G06Q 50/14 (2012.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROCESSING TRIP REQUESTS**  
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE DEMANDES DE VOYAGE**  
[72] CAMPBELL, DAVID E., US  
[72] FITZGERALD, MATT, US  
[72] GARCIA, PHILIP A., US  
[72] KLEIN, JAMES, US  
[72] LAUGHLIN, MICHAEL KEITH, US  
[72] QUALANTONE, MIKE, US  
[72] SCHULTZ, DEBBIE L., US  
[72] SHAPIRO, JEAN, US  
[73] AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., US  
[85] 2004-07-16  
[86] 2003-01-21 (PCT/US2003/001718)  
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[30] US (60/351,804) 2002-01-25  
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[13] C

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[25] EN  
[54] **PASSIVE TERRAIN NAVIGATION**  
[54] **NAVIGATION PASSIVE SUR LE TERRAIN**  
[72] NEREGARD, FREDRIK, SE  
[73] SAAB AB, SE  
[86] (2477681)  
[87] (2477681)  
[22] 2004-08-16  
[30] EP (03018549.0) 2003-08-18

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[13] C

[51] **Int.Cl. A61K 48/00 (2006.01) A61K 31/7088 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61K 45/00 (2006.01) A61P 9/10 (2006.01)**  
[25] EN  
[54] **USE OF IL-18 INHIBITORS FOR THE TREATMENT AND/OR PREVENTION OF PERIPHERAL VASCULAR DISEASES**  
[54] **UTILISATION D'INHIBITEURS DE L'IL-18 DESTINES AU TRAITEMENT ET/OU A LA PREVENTION DE MALADIES VASCULAIRES PERIPHERIQUES**  
[72] CHVATCHKO, YOLANDE, CH  
[72] TEDGUI, ALAIN, FR  
[72] MALLAT, ZIAD, FR  
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR  
[73] MERCK SERONO SA, CH  
[85] 2004-09-10  
[86] 2003-03-13 (PCT/EP2003/050061)  
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[13] C

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[25] EN  
[54] **USE OF COPPER CHELATING TETRAAMINES FOR THE TREATMENT OF CARDIOVASCULAR DISEASE AND HEART FAILURE**  
[54] **UTILISATION DE TETRAAMINES CHELATANT LE CUIVRE DESTINES AU TRAITEMENT DE MALADIES CARDIOVASCULAIRES ET D'INSUFFISANCE CARDIAQUE**  
[72] COOPER, GARTH JAMES SMITH, NZ  
[72] BAKER, JOHN RICHARD, NZ  
[73] PHILERA NEW ZEALAND LIMITED, NZ  
[85] 2004-09-08  
[86] 2003-03-10 (PCT/NZ2003/000042)  
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[30] NZ (517721) 2002-03-08  
[30] NZ (517725) 2002-03-11  
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[13] C

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[25] EN

[54] **FABRIC SOFTENER COMPOSITION AND METHODS FOR MANUFACTURING AND USING**

[54] **COMPOSITION D'ASSOUPLISSANT TEXTILE ET PROCEDES DE PRODUCTION ET D'UTILISATION DE CETTE DERNIERE**

[72] LENTSCH, STEVEN E., US  
[72] MAN, VICTOR F., US  
[72] TILLESKJØR, JACLYN J., US  
[73] ECOLAB INC., US  
[85] 2004-09-23  
[86] 2003-04-07 (PCT/US2003/010568)  
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[30] US (10/120,891) 2002-04-10

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[13] C

[51] **Int.Cl. H02K 1/27 (2006.01) H02K 15/03 (2006.01) H02K 21/12 (2006.01)**

[25] EN

[54] **SPOKE PERMANENT MAGNET ROTORS FOR ELECTRICAL MACHINES AND METHODS OF MANUFACTURING SAME**

[54] **ROTOR A AIMANTS PERMANENTS ET A RAYONS POUR MACHINES ELECTRIQUES, ET METHODE DE FABRICATION CONNEXE**

[72] IONEL, DAN M., US  
[72] HEIDEMAN, ROBERT J., US  
[72] BARTOS, RONALD P., US  
[73] REGAL BELOIT AMERICA, INC., US  
[86] (2485765)  
[87] (2485765)  
[22] 2004-10-22  
[30] US (10/691,818) 2003-10-23

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[51] **Int.Cl. G06Q 50/24 (2012.01) H04W 4/00 (2009.01)**

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[54] **SYSTEM AND METHOD FOR HANDLING MEDICAL INFORMATION**

[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'INFORMATIONS MEDICALES**

[72] MORRIS, TOMMY J., US  
[73] U.S. GOVERNMENT, AS REPRESENTED BY THE SECRETARY OF THE ARMY, US  
[85] 2004-11-15  
[86] 2003-05-15 (PCT/US2003/015071)  
[87] (WO2003/098388)  
[30] US (60/381,058) 2002-05-15

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[13] C

[51] **Int.Cl. A61M 25/00 (2006.01)**

[25] EN

[54] **SIDE HOLE IN CATHETER**

[54] **ORIFICE LATERAL DE CATHETER**

[72] PERIAKARUPPAN, RAMANATHAN, US  
[72] MOORE, SCOTT D., US  
[73] BOSTON SCIENTIFIC SCIMED, INC., US  
[85] 2004-11-26  
[86] 2003-05-14 (PCT/US2003/015173)  
[87] (WO2004/004818)  
[30] US (10/187,922) 2002-07-02

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[13] C

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[25] EN

[54] **PREDICTION AND ASSESSMENT OF ABLATION OF CARDIAC TISSUE**

[54] **PREVISION ET EVALUATION DE L'ABLATION D'UN TISSU CARDIAQUE**

[72] KEIDAR, YARON, IL  
[72] GOVARI, ASSAF, IL  
[72] SCHWARTZ, YITZHACK, IL  
[73] BIOSENSE WEBSTER, INC., US  
[86] (2492283)  
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[25] EN

[54] **RAPID, EFFICIENT PURIFICATION OF HSV-SPECIFIC T-LYMPHOCYTES AND HSV ANTIGENS IDENTIFIED VIA SAME**

[54] **PURIFICATION RAPIDE ET EFFICACE DE T-LYMPHOCYTES SPECIFIQUES AU HSV ET ANTIGENES A HSV IDENTIFIES PAR CE PROCEDE**

[72] KOELLE, DAVID M., US  
[72] LIU, ZHI, US  
[72] COREY, LAWRENCE, US  
[73] UNIVERSITY OF WASHINGTON, US  
[85] 2005-01-14  
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[54] **METHODS AND SYSTEMS FOR MOBILE DEVICE MESSAGING**

[54] **METHODES ET SYSTEMES DE MESSAGERIE POUR DISPOSITIFS MOBILES**

[72] YEH, KUANG-CHAO ERIC, US  
[72] LIN, LYNN, US  
[72] SHIH, GEORGE, US  
[73] MICROSOFT CORPORATION, US  
[86] (2493180)  
[87] (2493180)  
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[54] **ISOLATION AND CLONING OF DNA FROM UNCULTIVATED ORGANISMS**  
[54] **ISOLEMENT ET CLONAGE DE L'ADN D'ORGANISMES NON CULTIVES**  
[72] QUAISER, ACHIM, DE  
[72] OCHSENREITER, TORSTEN, US  
[72] TREUSCH, ALEXANDER H., DE  
[72] KLETZIN, ARNULF, DE  
[72] SCHLEPER, CHRISTA, DE  
[72] LORENZ, PATRICK, DE  
[72] ECK, JURGEN, DE  
[73] B.R.A.I.N. BIOTECHNOLOGY RESEARCH AND INFORMATION NETWORK AG, DE  
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[54] **CONTINUOUS MATERIAL PROCESSING SYSTEMS AND METHODS FOR ARTS AND CRAFTS**  
[54] **SYSTEMES ET METHODES DE TRAITEMENT CONTINU DE MATERIAUX POUR LES ARTS ET ARTISANATS**  
[72] WINSTON, JEFFREY M., US  
[73] CLEARSNAP HOLDING, INC., US  
[86] (2496639)  
[87] (2496639)  
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[54] **PROCEDES DE CONSERVATION D'ORGANES ET DE TISSUS**  
[72] CICARDI, MARCO, IT  
[72] BERGAMASCHINI, LUIGI, IT  
[73] DYAX CORP., US  
[85] 2005-02-25  
[86] 2003-06-06 (PCT/US2003/017802)  
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[54] **METHODS FOR MEASURING RATES OF REVERSE CHOLESTEROL TRANSPORT IN VIVO, AS AN INDEX OF ANTI-ATHEROGENESIS**  
[54] **METHODES PERMETTANT DE MESURER LES TAUX DE TRANSPORT INVERSE DU CHOLESTEROL IN VIVO UTILISES COMME INDICE D'ANTI-ATHEROGENICITE**  
[72] HELLERSTEIN, MARC K., US  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2005-03-09  
[86] 2003-09-15 (PCT/US2003/029361)  
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[25] EN  
[54] **THE USE OF CYTOKINE ABLE TO BIND IL-18BP AND OF INHIBITING THE ACTIVITY OF A SECOND CYTOKINE**  
[54] **UTILISATION DE CYTOKINE POUVANT SE FIXER A IL-18BP ET INHIBER L'ACTIVITE D'UNE SECONDE CYTOKINE**  
[72] DINARELLO, CHARLES A., US  
[72] KIM, SOO-HYUN, US  
[72] BUFLER, PHILIP, DE  
[73] ARES TRADING S.A., CH  
[85] 2005-03-30  
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[25] EN  
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[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DES MICROPARTICULES**  
[72] LAMBERT, OLIVIER, FR  
[72] AUSBORN, MICHAEL, DE  
[72] PETERSEN, HOLGER, DE  
[72] LOEFFLER, ROLF, DE  
[72] BONNY, JEAN-DANIEL, CH  
[73] NOVARTIS AG, CH  
[85] 2005-04-11  
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[54] **DRUG DELIVERY SYSTEMS FOR THE PREVENTION OF NEOINTIMAL HYPERPLASIA**

[54] **SYSTEMES D'ADMINISTRATION DE MEDICAMENTS POUR LA PREVENTION DE L'HYPERPLASIE NEOINTIME**

[72] FALOTICO, ROBERT, US  
[72] KOPIA, GREGORY A., US  
[72] LLANOS, GERARD H., US  
[73] CORDIS CORPORATION, US  
[86] (2504401)  
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[54] **ROTARY FOAM DISTRIBUTOR**

[54] **DISTRIBUTEUR DE MOUSSE ROTATIF**

[72] CRAMPTON, GEORGE PATRICK, CA  
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[86] (2505911)  
[87] (2505911)  
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[54] **OXYGEN-ABSORBING COMPOSITION**

[54] **COMPOSITION ABSORBANT L'OXYGENE**

[72] MCKEDY, GEORGE EDWARD, US  
[73] MULTISORB TECHNOLOGIES, INC., US  
[85] 2005-05-16  
[86] 2003-10-14 (PCT/US2003/032634)  
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[54] **APPARATUS FOR REMOVABLE DISTAL INTERNAL CASSETTE FOR IN SITU FIXATION AND SPECIMEN PROCESSING WITH SERIAL COLLECTION AND STORAGE OF BIOPSY SPECIMENS**

[54] **APPAREIL MUNI D'UNE CASSETTE INTERNE AMOVIBLE EN POSITION DISTALE POUR FIXATION IN SITU, TRAITEMENT D'ECHANTILLONS ET PRELEVEMENT EN SERIE ET CONSERVATION D'ECHANTILLONS DE BIOPSIE**

[72] ZIMMON, DAVID, US  
[73] ZKZ SCIENCE CORP., US  
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[54] **SELF-ADJUSTING SNOW PLOW**

[54] **CHASSE-NEIGE AUTOREGLABLE**

[72] SCHMEICHEL, CHARLES M., US  
[73] AGRI-COVER, INC., US  
[86] (2507910)  
[87] (2507910)  
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[13] C

[51] **Int.Cl. B25D 17/08 (2006.01) B25D 11/00 (2006.01)**

[25] EN

[54] **HAMMER DRILL BIT CHUCK ATTACHMENT**

[54] **MANDRIN POUR FLEURET DE MARTEAU PERFORATEUR**

[72] BEAUCHAMP, FERN, CA  
[73] DRAGONFIRE GROUP HOLDINGS LIMITED, VG  
[86] (2508038)  
[87] (2508038)  
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[25] EN

[54] **CODON-OPTIMIZED POLYNUCLEOTIDE-BASED VACCINES AGAINST HUMAN CYTOMEGALOVIRUS INFECTION**

[54] **VACCINS A BASE DE POLYNUCLEOTIDES A CODON OPTIMISE DIRIGES CONTRE L'INFECTION PAR LE CYTOMEGALOVIRUS HUMAIN**

[72] HERMANSON, GARY G., US  
[72] GEALL, ANDREW J., US  
[72] WLOCH, MARY KOPKE, US  
[73] VICAL INCORPORATED, US  
[85] 2005-06-01  
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[25] EN

[54] **IN-BAND SIGNALING TO CONTROL ENCRYPTION AND TRANSCODING RESOURCES IN VOD/ON-DEMAND SYSTEM**

[54] **SIGNALISATION INTRABANDE PERMETTANT DE CONTROLER LES RESSOURCES DE CHIFFREMENT ET DE TRANSCODAGE D'UN SYSTEME DE VIDEO A LA DEMANDE**

[72] BROWN, CHRISTOPHER W., US  
[72] JOST, ARTHUR P., US  
[72] MACK, ROBERT EDWARD, US  
[73] MOTOROLA MOBILITY LLC, US  
[86] (2508683)  
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[54] **PROTECTED MEDIA PATH AND REFUSAL RESPONSE ENABLER**  
[54] **CHEMIN DE SUPPORTS PROTEGE ET PROGRAMME DE DEVELOPPEMENT PERMETTANT DE REpondre A UN REFUS**  
[72] DUNBAR, GEOFFREY, US  
[72] CHU, CHENGYUN, US  
[72] ALKOVE, JAMES M., US  
[73] MICROSOFT CORPORATION, US  
[85] 2005-06-21  
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[30] US (60/513,831) 2003-10-23  
[30] US (10/820,666) 2004-04-08

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[54] **PLANCHER POUR AERONEF**  
[72] VETILLARD, ALBAN, FR  
[72] PARRO, EMMANUEL, FR  
[72] LECLERC, FREDERIC, FR  
[73] AIRBUS OPERATIONS SAS, FR  
[86] (2511864)  
[87] (2511864)  
[22] 2005-07-05  
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[13] C

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[25] EN  
[54] **CONNECTOR HOUSING HAVING A SLIDING TRAY WITH A HINGEABLE PORTION**  
[54] **BOITIER DE CONNECTEUR A PLATEAU COULISSANT A SECTION ARTICULEE**  
[72] GIRAUD, WILLIAM J.M., US  
[72] STANUSH, ANDREW G., US  
[72] COOKE, TERRY L., US  
[72] JOHNSON, JOHN B., US  
[73] CORNING CABLE SYSTEMS LLC, US  
[86] (2513481)  
[87] (2513481)  
[22] 2005-07-26  
[30] US (10/903,127) 2004-07-30

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[25] EN  
[54] **PHRASE-BASED GENERATION OF DOCUMENT DESCRIPTIONS**  
[54] **GENERATION DE DESCRIPTIONS DE DOCUMENTS PAR SYNTAGME**  
[72] PATTERSON, ANNA L., US  
[73] GOOGLE, INC., US  
[86] (2513851)  
[87] (2513851)  
[22] 2005-07-26  
[30] US (10/900,075) 2004-07-26

[11] **2,514,961**  
[13] C

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[25] EN  
[54] **CONTINUOUS OPTICAL MEASURING APPARATUS AND CONTINUOUS OPTICAL MEASURING METHOD**  
[54] **APPAREIL ET PROCEDE DE MESURE OPTIQUE EN CONTINU**  
[72] TAJIMA, HIDEJI, JP  
[73] UNIVERSAL BIO RESEARCH CO., LTD., JP  
[85] 2005-07-29  
[86] 2004-02-02 (PCT/JP2004/001001)  
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[30] JP (2003-25290) 2003-01-31

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[13] C

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[25] EN  
[54] **PROGENITOR CELLS FROM WHARTON'S JELLY OF HUMAN UMBILICAL CORD**  
[54] **CELLULES PROGENITRICES PROVENANT DE LA GELEE DE WHARTON DE CORDON OMBILICAL HUMAIN**  
[72] DAVIES, JOHN E., CA  
[72] BAKSH, DOLORES, CA  
[72] SARUGASER, RAHUL, CA  
[72] HOSSEINI, MORRIS, DE  
[72] LICKORISH, ANTONY DAVID SUTTON, CA  
[73] DAVIES, JOHN E., CA  
[73] BAKSH, DOLORES, CA  
[73] SARUGASER, RAHUL, CA  
[73] HOSSEINI, MORRIS, DE  
[73] LICKORISH, ANTONY DAVID SUTTON, CA  
[85] 2005-08-09  
[86] 2004-02-10 (PCT/CA2004/000182)  
[87] (WO2004/072273)  
[30] US (60/446,275) 2003-02-11

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[54] **SWITCH MODE POWER CONVERTER**  
[54] **CONVERTISSEUR DE PUISSANCE A MODE DE COMMUTATION**  
[72] FLAHERTY, RICHARD C., US  
[73] TYCO ELECTRONICS CORPORATION, US  
[85] 2005-08-10  
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[54] **N-WAY RF POWER AMPLIFIER CIRCUIT WITH INCREASED BACK-OFF CAPABILITY AND POWER ADDED EFFICIENCY USING UNEQUAL INPUT POWER DIVISION**  
[54] **CIRCUIT D'AMPLIFICATEUR DE PUISSANCE RF A N VOIES A REDUCTION DE PUISSANCE ACCRUE ET MEILLEUR RENDEMENT EN PUISSANCE UTILISANT UNE DIVISION INEGALE DE LA PUISSANCE D'ENTREE**  
[72] PENGELLY, RAYMOND SYDNEY, US  
[72] WOOD, SIMON MAURICE, US  
[73] CREE, INC., US  
[85] 2005-08-15  
[86] 2004-04-09 (PCT/US2004/011057)  
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[54] **VERROU DE BOUTEILLE D'AIR COMPRI ME**  
[72] DEVECKI, RONALD W., US  
[73] DEVECKI, RONALD W., US  
[86] (2517508)  
[87] (2517508)  
[22] 2005-08-29  
[30] US (11/007,532) 2004-12-07  
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[51] **Int.Cl. H04L 29/06 (2006.01)**  
[25] EN  
[54] **DATA TRANSMISSION OVER A NETWORK HAVING INITIALLY UNDETERMINED TRANSMISSION CAPACITY**  
[54] **TRANSMISSION DE DONNEES SUR UN RESEAU PRESENTANT INITIALEMENT UNE CAPACITE DE TRANSMISSION INDETERMINEE**  
[72] WALKER, MATTHEW DAVID, GB  
[72] URZAIZ, EDUARDO, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2005-09-19  
[86] 2004-03-08 (PCT/GB2004/000974)  
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[54] **RAPIDLY DISSOLVING EDIBLE FILM COMPOSITIONS WITH IMPROVED FILM STRENGTH AND STABILITY**  
[54] **COMPOSITIONS DE FILM COMESTIBLE A DISSOLUTION RAPIDE A TENUE ET STABILITE DE FILM AMELIOREES**  
[72] IVORY, ALISA ANN, US  
[72] ROSSMAN, JAMES M., US  
[72] LEE, KUO-CHUNG MARK, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2005-09-26  
[86] 2004-03-24 (PCT/US2004/008963)  
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[54] **METHOD OF FORMING AND BLANK THEREFOR**  
[54] **PROCEDE DE FORMAGE ET EBAUCHE POUR SA MISE EN OEUVRE**  
[72] BARNES, ANTHONY JOHN, US  
[73] LUXFER GAS CYLINDERS LIMITED, GB  
[85] 2005-09-27  
[86] 2004-04-05 (PCT/GB2004/001491)  
[87] (WO2004/089571)  
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[13] C

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[25] EN  
[54] **SYSTEM, METHOD AND APPARATUS FOR MEASURING BLOOD FLOW AND BLOOD VOLUME**  
[54] **SYSTEME, PROCEDE ET APPAREIL POUR MESURER LE DEBIT SANGUIN ET LE VOLUME SANGUIN**  
[72] KEREN, HANAN, IL  
[72] SIMON, AVRAM B., GB  
[73] CHEETAH MEDICAL, INC., US  
[85] 2005-11-10  
[86] 2004-05-10 (PCT/IL2004/000395)  
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[13] C

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[54] **AN EDIBLE MIX AND METHOD OF MAKING THE SAME**  
[54] **MELANGE COMESTIBLE ET PROCEDE DE FABRICATION CORRESPONDANT**  
[72] SCHLEIDER, M. DAVID, US  
[73] GRAND BRANDS LLC, US  
[85] 2005-11-14  
[86] 2004-05-11 (PCT/US2004/014763)  
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[30] US (60/469,638) 2003-05-12  
[30] US (10/842,542) 2004-05-11



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[54] **PROCEDE ET DISPOSITIF PERMETTANT LA PRODUCTION DE COMPOSES METALLIQUES**

[72] HAIDAR, JAWAD, AU

[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU

[85] 2005-11-21

[86] 2004-07-05 (PCT/AU2004/000899)

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[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/404 (2006.01) C07D 403/04 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 491/04 (2006.01) C07F 9/09 (2006.01) C07F 9/12 (2006.01)**

[25] EN

[54] **TRIHETEROCYCLIC COMPOUNDS, COMPOSITIONS, AND METHODS FOR TREATING CANCER OR VIRAL DISEASES**

[54] **COMPOSES TRIHETEROCYCLIQUES, COMPOSITIONS ET PROCEDES DE TRAITEMENT DU CANCER OU DE MALADIES VIRALES**

[72] ATTARDO, GIORGIO, CA

[72] LAVALLEE, JEAN-FRANCOIS, CA

[72] RIOUX, ELISE, CA

[72] TRIPATHY, SASMITA, CA

[72] BILLOT, XAVIER, CA

[72] DOYLE, TERRENCE W., US

[72] DAIRI, KENZA, CA

[73] GEMIN X PHARMACEUTICALS CANADA INC./GEMIN X PHARMACEUTIQUES CANADA INC., CA

[85] 2005-11-29

[86] 2004-05-28 (PCT/CA2004/000793)

[87] (WO2004/106328)

[30] US (60/474,741) 2003-05-30

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[11] **2,530,835**  
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[54] **REVERSIBLE COOKING APPLIANCE**

[54] **APPAREIL DE CUISSON REVERSIBLE**

[72] STEINBERG, HOWARD I., US

[72] CARILLO, MICHELLE, US

[72] WANAT, DAVID J., US

[72] ORENT, JILL KREUTZER, US

[73] CONAIR CORPORATION, US

[85] 2005-12-29

[86] 2004-06-30 (PCT/US2004/021138)

[87] (WO2005/004681)

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[25] EN

[54] **PHOTOTHERAPY COMPOSITIONS AND METHODS**

[54] **COMPOSITIONS ET METHODES DE PHOTOTHERAPIE**

[72] DECOLA, DENNIS, US

[72] COLE, CURTIS, US

[73] THERAKOS, INC., US

[86] (2530963)

[87] (2530963)

[22] 2005-12-20

[30] US (60/638,213) 2004-12-22

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[11] **2,531,935**  
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[51] **Int.Cl. B65D 21/032 (2006.01) B65B 23/02 (2006.01) B65D 55/02 (2006.01) B65D 85/32 (2006.01)**

[25] EN

[54] **STACKABLE EGG-BOX, STACK OF EGG-BOXES AND METHOD FOR DESTACKING SAID EGG-BOX**

[54] **BOITE A OEUFS A EMPILEMENT, PILE DE BOITES A OEUFS ET METHODE PERMETTANT DE DEFAIRE L'EMPILEMENT DESDITES BOITES**

[72] ST-ONGE, YVES, CA

[73] INTERPLAST PACKAGING, INC., CA

[86] (2531935)

[87] (2531935)

[22] 2005-12-30

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[11] **2,533,958**  
[13] C

[51] **Int.Cl. A41F 3/00 (2006.01) A62B 17/00 (2006.01)**

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[54] **SUSPENDERS**

[54] **BRETELLES**

[72] RAZZAGHI, ALI, US

[72] FEHLBERG, ERIC, US

[72] CRYE, CALEB, US

[72] THOMPSON, GREGG, US

[73] LION APPAREL, INC., US

[86] (2533958)

[87] (2533958)

[22] 2006-01-25

[30] US (60/671,424) 2005-04-14

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[25] EN

[54] **METHOD FOR THE ISOLATION AND EXPANSION OF CARDIAC STEM CELLS FROM BIOPSY**

[54] **METHODE PERMETTANT D'ISOLER ET DE DEVELOPPER DES CELLULES SOUCHES CARDIAQUES A PARTIR D'UNE BIOPSIE**

[72] GIACOMELLO, ALESSANDRO, IT

[72] MESSINA, ELISA, IT

[72] BATTAGLIA, MASSIMO, IT

[72] FRATI, GIACOMO, IT

[73] UNIVERSITA' DEGLI STUDI DI ROMA "LA SAPIENZA", IT

[85] 2006-01-31

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[25] EN

[54] **PAPER SHEET HAVING HIGH ABSORBENT CAPACITY AND DELAYED WET-OUT**

[54] **FEUILLE DE PAPIER A POUVOIR ABSORBANT ELEVE ET MOMENT D'IMPREGNATION COMPLETE RETARDE**

[72] HERMANS, MICHAEL ALAN, US  
[72] BEHM, RICHARD JOSEPH, US  
[72] GOULET, MIKE THOMAS, US  
[72] HASSMAN, MARK JOHN, US  
[72] JOHNSON, JEFFREY JANNE, US  
[72] LINDSAY, JEFFREY DEAN, US  
[72] MOHR, REBECCA CATHERINE, US  
[72] TIRIMACCO, MAURIZIO, US  
[73] KIMBERLY-CLARK WORLDWIDE, INC., US

[85] 2006-02-06  
[86] 2004-02-20 (PCT/US2004/005108)  
[87] (WO2005/021868)  
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[25] EN

[54] **METAL-TREATED PARTICLES FOR REMEDIATION**

[54] **PARTICULES TRAITEES AUX METAUX DESTINEES AUX ACTIONS CORRECTIVES**

[72] PAPAGIANAKIS, PETER, US  
[73] CRANE CO., US

[85] 2006-02-13  
[86] 2004-08-13 (PCT/US2004/026400)  
[87] (WO2005/016828)  
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[25] EN

[54] **FROTH OF DISPERSED OLEFIN POLYMERS**

[54] **MOUSSE D'ECUME DURABLE DE POLYMERES A OLEFINES DISPERSEES, PROCEDES DE FABRICATION DE MOUSSE ET ARTICLES PREPARES A PARTIR DE CETTE MOUSSE**

[72] STRANDBURG, GARY M., US  
[72] VANSUMEREN, MARK W., US  
[72] WU, SHAOFU, US  
[72] STOCKTON, LUTHER E., US  
[72] SPETH, DAVID R., US  
[72] MONCLA, BRAD M., US  
[72] KALINOWSKI, MATTHEW J., US  
[73] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2006-02-17  
[86] 2004-08-25 (PCT/US2004/027593)  
[87] (WO2005/021622)  
[30] US (60/497,527) 2003-08-25  
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[13] C

[51] **Int.Cl. A61K 39/12 (2006.01)**

[25] EN

[54] **RECOMBINANT DOUBLE-STRANDED RNA PHAGES AND USES THEREOF**

[54] **PHAGES A ARN A DOUBLE BRIN DE RECOMBINAISON ET LEURS UTILISATIONS**

[72] HONE, DAVID, US  
[73] UNIVERSITY OF MARYLAND, BALTIMORE, US

[85] 2006-02-17  
[86] 2003-08-20 (PCT/US2003/026200)  
[87] (WO2004/018630)  
[30] US (60/404,806) 2002-08-20

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[25] EN

[54] **CRYSTALLINE SULFONAMIDE-CONTAINING INDOLE COMPOUND AND PROCESS FOR PREPARING THE SAME**

[54] **CRISTAL D'UN COMPOSE D'INDOLE CONTENANT UN SULFONAMIDE ET PROCEDE DE PRODUCTION DE CELUI-CI**

[72] TAKAHASHI, KEIKO, JP  
[72] HAYASHI, KENJI, JP  
[72] ABE, TAICHI, JP  
[72] OMAE, TAKAO, JP  
[72] KATO, TAKASHI, JP  
[73] EISAI R&D MANAGEMENT CO., LTD., JP

[85] 2006-02-24  
[86] 2004-09-01 (PCT/JP2004/012649)  
[87] (WO2005/026118)  
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[13] C

[51] **Int.Cl. A61K 9/22 (2006.01)**

[25] EN

[54] **ANTIBIOTIC PRODUCT, USE AND FORMULATION THEREOF**

[54] **ANTIBIOTIQUE, SON UTILISATION ET SA FORMULATION**

[72] BURNSIDE, BETH A., US  
[72] FLANNER, HENRY H., US  
[72] ROWLINGS, COLIN, US  
[73] SHIONOGI INC., US

[85] 2006-03-08  
[86] 2004-09-14 (PCT/US2004/029832)  
[87] (WO2005/027877)  
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[51] **Int.Cl. G06T 13/00 (2011.01)**

[25] EN

[54] **IMPROVED DYNAMIC SCENE DESCRIPTOR METHOD AND APPARATUS**

[54] **APPAREIL ET PROCEDE DE DESCRIPTEUR DE SCENE DYNAMIQUE AMELIORES**

[72] PEACHEY, DARWYN, US  
[73] PIXAR, US

[85] 2006-03-20  
[86] 2004-04-30 (PCT/US2004/013626)  
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[25] EN  
[54] **INTEGRATED METALIZED CERAMIC HEATING ELEMENT FOR USE IN A TISSUE CUTTING AND SEALING DEVICE**  
[54] **ELEMENT CHAUFFANT INTEGRE EN CERAMIQUE METALLISEE POUR DISPOSITIF DE DECOUPE ET D'OBTURATION DE TISSUS**  
[72] MCGAFFIGAN, THOMAS H., US  
[73] MICROLINE SURGICAL, INC., US  
[86] (2539891)  
[87] (2539891)  
[22] 2006-03-16  
[30] US (11/080,479) 2005-03-16

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[11] **2,540,575**  
[13] C

[51] **Int.Cl. H04N 7/12 (2006.01)**  
[25] EN  
[54] **DIGITAL VIDEO SIGNATURE APPARATUS AND METHODS FOR USE WITH VIDEO PROGRAM IDENTIFICATION SYSTEMS**  
[54] **DISPOSITIF DE SIGNATURE VIDEO NUMERIQUE ET PROCEDES DESTINES A DES SYSTEMES D'IDENTIFICATION DE PROGRAMMES VIDEO**  
[72] DENG, KEVIN, US  
[73] THE NIELSEN COMPANY (US), LLC, US  
[85] 2006-03-28  
[86] 2003-09-12 (PCT/US2003/029219)  
[87] (WO2005/036877)

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[13] C

[51] **Int.Cl. A61B 17/12 (2006.01)**  
[25] EN  
[54] **VASOOCCLUSIVE COIL WITH ENHANCED THERAPEUTIC STRAND STRUCTURE**  
[54] **SPIRALE VASO-OCCLUSIVE A STRUCTURE TORONNEE THERAPEUTIQUE AMELIOREE**  
[72] WILSON, PETER C., US  
[72] LEOPOLD, ERIC W., US  
[72] DESAI, RUPESH K., US  
[72] DANG, DIANE MAI-HUONG, US  
[73] MICRUS CORPORATION, US  
[85] 2006-03-30  
[86] 2004-09-22 (PCT/US2004/031095)  
[87] (WO2005/032337)  
[30] US (10/677,085) 2003-09-30

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[13] C

[51] **Int.Cl. G01C 15/00 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DETERMINING THE SPATIAL POSITION OF A HAND-HELD MEASURING APPLIANCE**  
[54] **PROCEDE ET SYSTEME DE DETERMINATION DE LA POSITION SPATIALE D'UN APPAREIL DE MESURE PORTABLE**  
[72] BRAUNECKER, BERNHARD, CH  
[72] GACHTER, BERNHARD, CH  
[72] AEBISCHER, BEAT, CH  
[73] LEICA GEOSYSTEMS AG, CH  
[85] 2006-03-22  
[86] 2004-09-21 (PCT/EP2004/010571)  
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[11] **2,540,608**  
[13] C

[51] **Int.Cl. G11C 11/16 (2006.01)**  
[25] EN  
[54] **MAGNETIC TUNNEL JUNCTION DEVICE AND WRITING/READING METHOD FOR SAID DEVICE**  
[54] **DISPOSITIF A JONCTION TUNNEL MAGNETIQUE ET PROCEDE D'ECRIURE/LECTURE D'UN TEL DISPOSITIF**  
[72] DIENY, BERNARD, FR  
[72] SOUSA, RICARDO, FR  
[72] STANESCU, DANA, FR  
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR  
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
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[87] (WO2005/036559)  
[30] FR (0311897) 2003-10-10

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[13] C

[51] **Int.Cl. B24D 11/00 (2006.01)**  
[25] EN  
[54] **ABRASIVE TOOLS MADE WITH A SELF-AVOIDING ABRASIVE GRAIN ARRAY**  
[54] **OUTILS ABRASIFS A MATRICE DE GRAINS ABRASIFS S'EVITANT SPONTANEMENT**  
[72] HALL, RICHARD W. J., US  
[72] MOLTER, JENS M., DE  
[72] BATEMAN, CHARLES A., US  
[73] SAINT-GOBAIN ABRASIVES, INC., US  
[85] 2006-03-30  
[86] 2004-09-07 (PCT/US2004/028881)  
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[51] **Int.Cl. F16L 3/20 (2006.01) F16L 3/12 (2006.01)**  
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[54] **PIPE CLAMP**  
[54] **COLLIER DE MAINTIEN**  
[72] FERRAGUT, ERIC, FR  
[72] MAZELLE, CHRISTIAN, FR  
[72] PELISSON, PASCAL, FR  
[73] HISPANO-SUIZA, FR  
[86] (2539926)  
[87] (2539926)  
[22] 2006-03-16  
[30] FR (05 02695) 2005-03-18

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[11] **2,541,068**  
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[51] **Int.Cl. B24C 5/04 (2006.01) B24C 3/06 (2006.01)**  
[25] EN  
[54] **APPARATUS THAT HOLDS AND TILTS A TOOL**  
[54] **APPAREIL DE RETENUE ET D'INCLINAISON D'OUTIL**  
[72] OLSEN, JOHN, H., US  
[73] OMAX CORPORATION, US  
[85] 2006-03-31  
[86] 2004-10-12 (PCT/US2004/033781)  
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[51] **Int.Cl. A61B 17/34 (2006.01)**  
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[54] **OBTURATOR TIP ASSEMBLY FOR A TROCART**  
[54] **POINTE D'OBTURATEUR POUR UN TROCART**  
[72] VOEGELE, AARON C., US  
[72] ZEINER, MARK S., US  
[72] FRANER, PAUL T., US  
[73] ETHICON ENDO-SURGERY, INC., US  
[86] (2541224)  
[87] (2541224)  
[22] 2006-03-29  
[30] US (11/092,743) 2005-03-30

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[13] C

[51] **Int.Cl. A61M 15/00 (2006.01) A61M 16/00 (2006.01)**  
[25] EN  
[54] **BODY PULSATING METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL D'APPLICATION D'IMPULSIONS SUR UN CORPS**  
[72] HANSEN, CRAIG N., US  
[72] CROSS, PAUL C., US  
[72] HELGESON, LONNIE J., US  
[73] ELECTROMED, INC., US  
[85] 2006-04-03  
[86] 2005-04-20 (PCT/US2005/013215)  
[87] (WO2005/105188)  
[30] US (60/564,431) 2004-04-22  
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[11] **2,541,777**  
[13] C

[51] **Int.Cl. H04W 36/08 (2009.01)**  
[25] EN  
[54] **WIRELESS COMMUNICATION METHOD AND APPARATUS COORDINATING NODE-B'S AND SUPPORTING ENHANCED UPLINK TRANSMISSIONS DURING HANDOVER**  
[54] **PROCEDE ET APPAREIL DE COMMUNICATION SANS FIL DE COORDINATION DE NOEUDS B ET SUPPORTANT DES TRANSMISSIONS A LIAISON ASCENDANTE AMELIOREES AU COURS DU TRANSFERT**  
[72] ZHANG, GUODONG, US  
[72] SHIN, SUNG-HYUK, US  
[72] TERRY, STEPHEN E., US  
[72] MILLER, JAMES M., US  
[72] DICK, STEPHEN G., US  
[73] DST HOLDINGS, INC., US  
[85] 2006-04-05  
[86] 2004-10-29 (PCT/US2004/036310)  
[87] (WO2005/048503)  
[30] US (60/517,656) 2003-11-05  
[30] US (60/519,990) 2003-11-14  
[30] US (60/520,692) 2003-11-17  
[30] US (60/578,674) 2004-06-10  
[30] US (10/962,720) 2004-10-12

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[13] C

[51] **Int.Cl. C09D 175/04 (2006.01)**  
[25] EN  
[54] **COATING COMPOSITIONS CONTAINING ETHYLENICALLY UNSATURATED POLYURETHANES AS BINDERS**  
[54] **COMPOSITIONS DE REVETEMENT COMPRENANT DES POLYURETHANES ETHYLENIQUES COMME LIANTS**  
[72] ROESLER, RICHARD R., US  
[72] GAMBINO, CHARLES A., US  
[72] BRITSCH, CATHERINE M., US  
[73] BAYER MATERIALSCIENCE LLC, US  
[86] (2542069)  
[87] (2542069)  
[22] 2006-04-05  
[30] US (11/104,174) 2005-04-12

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[13] C

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[25] EN  
[54] **SUSTAINED RELEASE PHARMACEUTICAL COMPOSITIONS COMPRISING APLINDORE AND DERIVATIVES THEREOF**  
[54] **COMPOSITIONS PHARMACEUTIQUES A LIBERATION LENTE CONTENANT DE L'APLINDORE ET SES DERIVES**  
[72] BENJAMIN, ERIC JOEL, US  
[72] DULIN, WENDY ANN, US  
[72] LIN, YANNING, US  
[72] ZHUANG, KAI, US  
[73] WYETH, US  
[85] 2006-04-18  
[86] 2004-10-28 (PCT/US2004/036013)  
[87] (WO2005/044262)  
[30] US (60/515,315) 2003-10-29

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[13] C

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[25] FR  
[54] **AGRICULTURAL MACHINE COMPRISING A MOTOR VEHICLE AND SEVERAL WORK UNITS DESIGNED FOR CUTTING PLANT PRODUCTS**  
[54] **ENGIN AGRICOLE COMPORANT UN VEHICULE MOTEUR ET PLUSIEURS UNITES DE TRAVAIL DESTINEES A COUPER DES PRODUITS VEGETAUX**  
[72] WALTER, RENE, FR  
[72] HALTER, CEDRIC, FR  
[72] POTIER, PHILIPPE, FR  
[73] KUHN S.A., FR  
[86] (2543190)  
[87] (2543190)  
[22] 2006-04-11  
[30] FR (05 51 207) 2005-05-10

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[13] C

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[25] EN  
[54] **SCREW TIP CONTROL FOR ANASTOMOTIC RING APPLIER**  
[54] **COMMANDE A POINTE VISSEE POUR APPLICATEUR DE BAGUE ANASTOMOTIQUE**  
[72] ORTIZ, MARK S., US  
[72] TIMPERMAN, EUGENE L., US  
[73] ETHICON ENDO-SURGERY, INC., US  
[86] (2545871)  
[87] (2545871)  
[22] 2006-05-03  
[30] US (11/122383) 2005-05-05

[11] **2,547,024**  
[13] C

- [51] **Int.Cl. A61K 49/22 (2006.01)**  
[25] EN  
[54] **GAS-FILLED MICROVESICLE ASSEMBLY FOR CONTRAST IMAGING**  
[54] **SYSTEME DE MICROVESICULE REMPLIE DE GAZ POUR L'IMAGERIE DE CONTRASTE**  
[72] SCHNEIDER, MICHEL, CH  
[72] BUSSAT, PHILIPPE, FR  
[72] YAN, FENG, CH  
[72] SENENTE, ANNE, CH  
[73] BRACCO SUISSE S.A., CH  
[85] 2006-05-24  
[86] 2004-12-21 (PCT/IB2004/004230)  
[87] (WO2005/063305)  
[30] EP (03029534.9) 2003-12-22

[11] **2,547,166**  
[13] C

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[25] EN  
[54] **HINGE ASSEMBLY FOR A FOLDING CLOSURE**  
[54] **ENSEMBLE A CHARNIERES POUR DISPOSITIF DE FERMETURE PLIANT**  
[72] SVENSON, MIKE, CA  
[73] DYNAMIC CLOSURES CORP., CA  
[86] (2547166)  
[87] (2547166)  
[22] 2006-05-17  
[30] US (11/134,184) 2005-05-23

[11] **2,547,528**  
[13] C

- [51] **Int.Cl. B65D 39/04 (2006.01)**  
[25] EN  
[54] **METHOD AND STRUCTURE FOR MIXING DIFFERENT MATERIALS**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE MELANGER DES MATIERES DIFFERENTES**  
[72] LEE, JEONG-MIN, KR  
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[73] LEE, JEONG-MIN, KR  
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[54] **METHOD AND APPARATUS FOR DETERMINING ABSOLUTE POSITION OF A TIP OF AN ELONGATE OBJECT ON A PLANE SURFACE WITH INVARIANT FEATURES**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER LA POSITION ABSOLUE D'UNE POINTE D'OBJET ALLONGE SUR UNE SURFACE PLANE A CARACTERISTIQUES INVARIANTES**  
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[54] **METHOD FOR REPAIRING A BLADE OF A ONE-PIECE BLADED DISC OF A TURBINE ENGINE AND A TEST PIECE FOR IMPLEMENTING THE METHOD**

[54] **PROCEDE DE REPARATION D'UNE AUBE D'UN DISQUE AUBAGE MONOBLOC DE TURBOMACHINE ET EPROUVETTE POUR LA MISE EN OEUVRE DU PROCEDE**

[72] BOUET, BERNARD, FR

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[54] **OIL WELL SEAMLESS STEEL PIPE EXCELLENT IN RESISTANCE TO SULFIDE STRESS CRACKING AND METHOD FOR PRODUCTION THEREOF**

[54] **CANALISATION EN ACIER SANS SOUDURE POUR Puits DE PETROLE EXCELLENTE EN TERMES DE RESISTANCE A LA CORROSION FISSURANTE PROVOQUEE PAR LES SULFURES ET PROCEDE DE PRODUCTION DE CELLE-CI**

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[54] **PACKAGING SYSTEM AND ROLLER RECEIVING DEVICE FOR A PACKAGING SYSTEM FOR FLUIDS**

[54] **SYSTEME DE CONDITIONNEMENT ET DISPOSITIF DE LOGEMENT DE BILLE POUR UN SYSTEME DE CONDITIONNEMENT POUR FLUIDES**

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[54] **PROCEDE DE CODAGE ET DE SERVICE DE DONNEES GEOSPATIALES OU AUTRES DONNEES VECTORIELLES SOUS FORME D'IMAGES**

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[54] **RESEAU DE DONNEES, PROCEDE ET NOEUD DE RETROACTION POUR ATTRIBUER ET PRODUIRE DES METRIQUES DE CARACTERISATION DE VOIES**

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[54] **GLUCOMETRE SANGUIN COMPRENANT UN DISPOSITIF A LANCETTE MONOBLOC ET UN FLACON DE STOCKAGE DE BANDE D'ANALYSE UTILISABLE D'UNE SEULE MAIN ET SES PROCEDES D'UTILISATION**  
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[54] **LIBERATION SEQUENTIELLE DE MOLECULES IMMUNOGENES PAR ADMINISTRATIONS MEDIEES PAR UN ADENOVIRUS OU UN VIRUS ADENOASSOCIE**  
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[72] DEWIT, JOHAN G., BE  
[72] OLSON, CARY DONALD, US  
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[25] EN  
[54] **METHODS AND SYSTEMS FOR UTILIZING DELAYED DILUTION, MIXING AND FILTERING TO PROVIDE CUSTOMIZED VARIETIES OF FRESH-BREWED COFFEE ON-DEMAND**  
[54] **METHODES ET SYSTEMES DE DILUTION, DE MELANGE ET DE FILTRATION DIFFERES PERMETTANT D'OBTENIR DES VARIETES PERSONNALISEES DE CAFE FRAICHEMENT INFUSE SUR DEMANDE**  
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[73] THE FOLGER COFFEE COMPANY, US  
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[54] **AQUEOUS PREPARATIONS COMPRISING A WATER-SOLUBLE OR WATER-DISPERSIBLE COPOLYMER THAT CONTAINS AT LEAST ONE IMIDAZOLE OR AMINE CONTAINING MONOMER**  
[54] **PREPARATIONS AQUEUSES COMPRENANT UN COPOLYMERE SOLUBLE OU DISPERSIBLE DANS L'EAU QUI CONTIENT AU MOINS UN IMIDAZOLE OU UN MONOMERE CONTENANT UN GROUPE AMINE**  
[72] PIEROBON, MARIANNA, DE  
[72] NGUYEN KIM, SON, DE  
[72] HOESSEL, PETER, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
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[30] DE (102005010108.9) 2005-03-02

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[13] C

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 1/04 (2006.01)**

[25] FR

[54] **S-TENATOPRAZOLE SODIUM MONOHYDRATE SALT AND THE USE THEREOF IN THE FORM OF A PROTON PUMP INHIBITOR**

[54] **SEL DE SODIUM MONOHYDRATE DU S-TENATOPRAZOLE ET APPLICATION EN TANT QU'INHIBITEUR DE LA POMPE A PROTONS**

[72] COHEN, AVRAHAM, IL  
[72] SCHUTZE, FRANCOIS, FR  
[72] CHARBIT, SUZY, FR  
[72] MARTINET, FREDERIC, FR  
[72] FICHEUX, HERVE, FR  
[72] HOMERIN, MICHEL, FR  
[73] SIDEM PHARMA S.A., LU  
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[87] (WO2006/005853)  
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[51] **Int.Cl. H01F 27/28 (2006.01)**

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[54] **PLANAR HIGH VOLTAGE TRANSFORMER DEVICE**

[54] **DISPOSITIF TRANSFORMATEUR DE HAUTE TENSION PLANAIRE**

[72] NESSE, ARILD, NO  
[72] WETTELAND, OEYVIND, NO  
[72] KVINGEDAL, BJARTE, NO  
[73] APPLIED PLASMA PHYSICS ASA, NO  
[85] 2006-12-06  
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[25] EN

[54] **IMPROVED SYNTHESIS SCHEME FOR LACOSAMIDE**

[54] **SCHEMA DE SYNTHESE AMELIORE POUR LE LACOSAMIDE**

[72] RIEDNER, JENS, IE  
[72] DUNNE, GAVIN, IE  
[73] UCB PHARMA GMBH, DE  
[85] 2006-12-07  
[86] 2005-09-30 (PCT/EP2005/010603)  
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[51] **Int.Cl. F16C 23/08 (2006.01) B01F 11/00 (2006.01) B01F 15/00 (2006.01) F16C 19/55 (2006.01)**

[25] FR

[54] **DEVICE FOR GUIDING A SHAFT IN AN OSCILLATING MOVEMENT**

[54] **DISPOSITIF DE GUIDAGE D'UN ARBRE EN MOUVEMENT OSCILLANT**

[72] BOQUET JEAN, FR  
[72] MOINE JEAN-MARC, FR  
[73] BERTIN TECHNOLOGIES, FR  
[85] 2006-12-01  
[86] 2005-06-22 (PCT/FR2005/001580)  
[87] (WO2006/008397)  
[30] FR (0406850) 2004-06-23  
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[54] **ORAL CARE FILM**

[54] **FILM D'HYGIENE BUCCALE**

[72] IBRAHIM, SAYED, US  
[72] CHOPRA, SUMAN K., US  
[72] PRENCIPE, MICHAEL, US  
[73] COLGATE-PALMOLIVE COMPANY, US  
[85] 2006-12-15  
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[54] **IMPROVEMENTS FOR CONTROL OF EXHAUST SYSTEMS**

[54] **REGULATION AMELIOREE DE SYSTEMES D'ECHAPPEMENT**

[72] LIVCHAK, ANDREY, US  
[72] SCHROCK, DEREK, US  
[72] BAGWELL, RICK, US  
[72] BEARDSLEE, DARRIN, US  
[73] OY HALTON GROUP LTD., FI  
[85] 2007-01-15  
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[25] EN

[54] **DISPOSABLE TAP FOR A PRESSURIZED LIQUID CONTAINER**

[54] **ROBINET DE PRISE A USAGE UNIQUE POUR RECIPIENT DE LIQUIDE SOUS PRESSION**

[72] NEUKIRCH, WERNER, DE  
[72] SAUER, PETER, DE  
[73] IMPRESS GROUP B.V., NL  
[85] 2007-01-18  
[86] 2005-06-24 (PCT/EP2005/006857)  
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[51] **Int.Cl. H01J 49/04 (2006.01) H01J 49/40 (2006.01) H01J 49/42 (2006.01)**

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[54] **MASS SPECTROMETER**

[54] **SPECTROMETRE DE MASSE**

[72] BATEMAN, ROBERT HAROLD, GB  
[72] BROWN, JEFFERY, GB  
[72] GREEN, MARTIN, GB  
[73] MICROMASS UK LIMITED, GB  
[85] 2007-01-18  
[86] 2005-07-21 (PCT/GB2005/002874)  
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[54] **OUVERTURE DE SESSION UNIQUE AVEC UNE CARTE D'ACCES COMMUNE**  
[72] MARION, DONALD E., US  
[72] JEWELL, ANDREW W., US  
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE  
[85] 2007-01-23  
[86] 2005-06-27 (PCT/US2005/023052)  
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[25] FR  
[54] **RADIALLY COMPACT BEARING ASSEMBLY BETWEEN A TURBINE SHAFT AND A TURBINE ENGINE COMPRESSOR SHAFT**  
[54] **ASSEMBLAGE A ENCOMBREMENT RADIAL REDUIT ENTRE UN ARBRE DE TURBINE ET UN TOURILLON D'ARBRE DE COMPRESSEUR DE TURBOMACHINE**  
[72] GUIHARD, FREDERIC, FR  
[72] CHARIER, GILLES ALAIN, FR  
[73] SNECMA, FR  
[86] (2576698)  
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[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF [2-(4-FLUORO-BENZYL)-PHENYL]-ACETIC ACID**  
[54] **PROCEDE DE PRODUCTION D'ACIDE 2- (4-FLUORO-BENZYL) PHENYL-ACETIQUE**  
[72] GUILLAUME, MICHEL JOSEPH MAURICE ANDRE, BE  
[72] LANG, YOLANDE LYDIA, BE  
[72] ROESSLER, ARMIN, CH  
[72] ULMER, LARS, CH  
[72] LEURS, STEFAN MARCEL HERMAN, BE  
[72] DE SMAELE, DIRK, BE  
[73] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2007-02-01  
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[25] EN  
[54] **CEMENT COMPOSITIONS COMPRISING ENVIRONMENTALLY COMPATIBLE DEFOAMERS AND METHODS OF USE**  
[54] **COMPOSITIONS DE CIMENT COMPRENANT DES DEMOUSSEURS COMPATIBLES AVEC L'ENVIRONNEMENT, ET PROCEDES D'UTILISATION**  
[72] SZYMANSKI, MICHAEL J., US  
[72] LEWIS, SAMUEL J., US  
[72] WILSON, JOHN MICHAEL, US  
[72] KARCHER, ARRON L., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2007-02-19  
[86] 2005-08-24 (PCT/GB2005/003320)  
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[54] **FRACTIONATION APPARATUS**  
[54] **APPAREIL DE FRACTIONNEMENT**  
[72] TANAHASHI, KAZUHIRO, JP  
[72] TAKAHASHI, HIROSHI, JP  
[72] SUGAYA, HIROYUKI, JP  
[72] WADA, SHIGEHISA, JP  
[73] TORAY INDUSTRIES, INC., JP  
[85] 2007-02-27  
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[30] JP (2004-250417) 2004-08-30  
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[54] **EMBEDDED IMAGING AND CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE ET D'IMAGERIE INTEGRE**  
[72] POPOVICH, JOSEPH JR., US  
[72] VOLKAR, JOHN, US  
[72] REMIS, STEVEN J., US  
[72] TOOLE, WILLIAM, US  
[73] PARATA SYSTEMS, LLC, US  
[85] 2007-03-06  
[86] 2005-10-25 (PCT/US2005/038350)  
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[51] **Int.Cl. H01R 25/14 (2006.01) C25C 7/00 (2006.01) H02B 1/20 (2006.01)**  
[25] EN  
[54] **CONTACT BAR FOR CAPPING BOARD**  
[54] **BARREAUX DE CONTACT POUR PLAQUE DE CAPOTAGE**  
[72] DUFRESNE, ROBERT P., CA  
[73] PULTRUSION TECHNIQUE INC., CA  
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[25] EN  
[54] **POLYURETHANES MADE FROM HYDROXY-METHYL CONTAINING FATTY ACIDS OR ALKYL ESTERS OF SUCH FATTY ACIDS**  
[54] **POLYURETHANES A BASE D'ACIDES GRAS CONTENANT DE L'HYDROXYMETHYLE OU D'ESTERS D'ALKYLE DE TELS ACIDES GRAS**  
[72] VAN DER WAL, HANNO R., NL  
[72] BARTELINK, CAMIEL F., NL  
[73] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2007-03-08  
[86] 2005-10-24 (PCT/US2005/038217)  
[87] (WO2006/047433)  
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[13] C

[51] **Int.Cl. C08G 18/63 (2006.01) C08G 18/40 (2006.01)**  
[25] EN  
[54] **POLYMER POLYOLS AND POLYMER DISPERSIONS MADE FROM VEGETABLE OIL-BASED HYDROXYL-CONTAINING MATERIALS**  
[54] **POLYOLS POLYMERES ET DISPERSIONS DE POLYMERES FORMEES A PARTIR DE MATIERES CONTENANT DE L'HYDROXYLE PROVENANT D'HUILE VEGETALE**  
[72] BARTELINK, CAMIEL F., NL  
[72] VAN DER WAL, HANNO R., NL  
[73] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2007-03-07  
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[54] **URINE COLLECTION SYSTEM WITH NEEDLELESS SAMPLING PORT**  
[54] **SYSTEME DE COLLECTE D'URINE AVEC POINT DE PRELEVEMENT SANS AIGUILLE**  
[72] SALVADORI, LAWRENCE, US  
[72] TULLY, STEPHEN J., US  
[73] TYCO HEALTHCARE GROUP LP, CA  
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[87] (2579892)  
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[51] **Int.Cl. C12N 15/70 (2006.01)**  
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[54] **HOST-VECTOR SYSTEM FOR ANTIBIOTIC-FREE COLE1 PLASMID PROPAGATION**  
[54] **SYSTEME DE VECTEUR HOTE POUR LA PROPAGATION DE PLASMIDES DE TYPE CO1E1 SANS ANTIBIOTIQUES**  
[72] GRABHERR, REINGARD, AT  
[72] PFAFFENZELLER, IRENE, AT  
[73] BOEHRINGER INGELHEIM RCV GMBH & CO KG, AT  
[85] 2007-03-09  
[86] 2005-09-08 (PCT/EP2005/054450)  
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[13] C

[51] **Int.Cl. B60Q 1/00 (2006.01) H04N 7/18 (2006.01)**  
[25] EN  
[54] **AUTOMATIC ACTIVATION OF AN IN-CAR VIDEO RECORDER USING A GPS SPEED SIGNAL**  
[54] **ACTIVATION AUTOMATIQUE D'UN ENREGISTREUR VIDEO DE BORD DE VOITURE UTILISANT UN SIGNAL DE VITESSE GPS**  
[72] BLANCO, LOUIS W., US  
[72] LORENZETTI, LEO, US  
[73] L-3 COMMUNICATIONS MOBILE-VISION, INC., US  
[85] 2007-03-13  
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[51] **Int.Cl. H01M 2/16 (2006.01)**  
[25] EN  
[54] **BATTERY SEPARATOR WITH Z-DIRECTION STABILITY**  
[54] **SEPARATEUR D'ACCUMULATEUR STABLE DANS LA DIRECTION Z**  
[72] ZHANG, ZHENGMIN, US  
[72] NGUYEN, KHUY V., US  
[72] ARORA, PANKAJ, US  
[72] CALL, RONALD W., US  
[72] SIMMONS, DONALD K., US  
[72] DAO, TIEN, US  
[73] CELGARD LLC, US  
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[86] 2005-10-18 (PCT/US2005/037135)  
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[30] US (10/971,310) 2004-10-22

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[51] **Int.Cl. A61J 1/00 (2006.01)**  
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[54] **CONTAINER FOR AN INHALATION ANESTHETIC**  
[54] **CONTENANT POUR ANESTHESIQUE D'INHALATION**  
[72] SWINSON, JOEL, US  
[72] JONES, BARRY, US  
[72] FRYE, MARK REID, US  
[73] HALOCARBON PRODUCTS CORPORATION, US  
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[54] **KALLIKREIN INHIBITORS AND USES THEREOF**  
[54] **INHIBITEURS DE KALLIKREINE ET LEURS UTILISATIONS**  
[72] LADNER, ROBERT C., US  
[72] LEY, ARTHUR C., US  
[72] HIRANI, SHIRISH, US  
[72] WILLIAMS, ANTHONY, US  
[72] DE SIMONI, MARIA GRAZIA, IT  
[72] BERGAMASCHINI, LUIGI, IT  
[72] BLAIR, HENRY, US  
[72] BECK, THOMAS, US  
[73] DYAX CORP., US  
[85] 2007-03-26  
[86] 2005-09-22 (PCT/US2005/034335)  
[87] (WO2006/036860)  
[30] US (10/953,902) 2004-09-27  
[30] US (11/125,639) 2005-05-09

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[25] EN  
[54] **CALCULATING AND ADJUSTING THE PERCEIVED LOUDNESS AND/OR THE PERCEIVED SPECTRAL BALANCE OF AN AUDIO SIGNAL**  
[54] **CALCUL ET REGLAGE DE LA SONIE PERCUE ET/OU DE L'EQUILIBRE SPECTRAL PERCU D'UN SIGNAL AUDIO**  
[72] SEEFELDT, ALAN JEFFREY, US  
[73] DOLBY LABORATORIES LICENSING CORPORATION, US  
[85] 2007-03-22  
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[30] US (60/622,458) 2004-10-26  
[30] US (60/638,607) 2004-12-21

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[13] C

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[25] EN  
[54] **DRILLING UNIT**  
[54] **UNITE DE FORAGE**  
[72] JACOBSSON, HENRIK, SE  
[73] ATLAS COPCO ROCK DRILLS AB, SE  
[85] 2007-03-14  
[86] 2005-10-20 (PCT/SE2005/001565)  
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[30] SE (0402594-6) 2004-10-27

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[13] C

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[25] EN  
[54] **METHOD FOR DESIGNING A FLIGHT VEHICLE**  
[54] **PROCEDE DESTINE A LA CONCEPTION D'UN AERONEF**  
[72] NARRAMORE, JIM C., US  
[72] KELLY, STACEY, US  
[72] MILLIKEN, ROBERT, US  
[73] BELL HELICOPTER TEXTRON INC., US  
[85] 2007-04-02  
[86] 2005-10-17 (PCT/US2005/037033)  
[87] (WO2007/001413)  
[30] US (60/619,410) 2004-10-15

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[54] **SYSTEME DE MACHINE DE MISE A LA TEINTE**  
[72] OAKES, IAN DAVID, GB  
[73] IMPERIAL CHEMICAL INDUSTRIES LIMITED., GB  
[85] 2007-04-10  
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[30] GB (0422787.2) 2004-10-14

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[13] C

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[25] EN  
[54] **A BLADE FOR A SNOW PLOUGH**  
[54] **LAME POUR CHASSE-NEIGE**  
[72] RUUSKA, MAUNO, FI  
[73] AL-JON MANUFACTURING LLC, US  
[85] 2007-04-10  
[86] 2005-10-11 (PCT/FI2005/000435)  
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[30] FI (20041313) 2004-10-11

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[13] C

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[25] EN  
[54] **CUTTING BALLOON CATHETER HAVING FLEXIBLE ATHEROTOMES**  
[54] **CATHETER A BALLON COUPANT MUNI D'ATHEROTOMES SOUPLES**  
[72] BENCE, STEVEN W., US  
[72] ASCONEGUY, ALEXANDER J., US  
[73] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2007-04-18  
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[30] US (10/987,618) 2004-11-12

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[13] C

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[25] EN  
[54] **PHOTOVOLTAIC POWERED LIGHTING**  
[54] **ECLAIRAGE PHOTOVOLTAIQUE**  
[72] COOPER, SANDRA ROBIN, US  
[73] GARDEN MEADOW INC., US  
[86] (2584574)  
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[22] 2007-04-11  
[30] US (60/791,539) 2006-04-12  
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[25] EN  
[54] **A REINFORCED ABSORBABLE MULTILAYERED FABRIC FOR USE IN MEDICAL DEVICES AND METHOD OF MANUFACTURE**  
[54] **TISSU ABSORBABLE MULTICOUCHE RENFORCE DESTINE A ETRE UTILISE AVEC DES DISPOSITIFS MEDICAUX ET PROCEDE DE FABRICATION ASSOCIE**  
[72] SHETTY, DHANURAJ S., US  
[72] PENDHARKAR, SANYOG MANOHAR, IN  
[72] GORMAN, ANNE JESSICA, US  
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[73] TROMS KRAFT PRODUKSJON AS, NO  
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[54] **FILTRE DE SECURITE RETINIENNE DE COMPENSATION DE COULEUR**  
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[72] ROWE, T. SCOTT, US  
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[54] **SYSTEME ET PROCEDE DE REDUCTION DEL'INCONFORT PAR STIMULATION NERVEUSE**  
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[73] NEURONETICS, INC., US  
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[54] **SYSTEME ET PROCEDE FOURNISSANT DES EXECUTIONS DE SYSTEME AU SEIN D'UN ENVIRONNEMENT INFORMATIQUE**  
[72] JACKSON, DAVID BRIAN, US  
[73] ADAPTIVE COMPUTING ENTERPRISES, INC., US  
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[54] **SYSTEME ET METHODE DE TRAITEMENT DES MESSAGES AVEC PARTIES DE MESSAGES CHIFFRABLES**  
[72] BROWN, MICHAEL K., CA  
[72] KIRKUP, MICHAEL G., CA  
[72] BROWN, MICHAEL S., CA  
[73] BLACKBERRY LIMITED, CA  
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[72] BARIL, YANNICK, CA  
[72] BRAILOVSKI, VLADIMIR, CA  
[72] CARTIER, RAYMOND, CA  
[72] TERRIAULT, PATRICK, CA  
[73] ECOLE DE TECHNOLOGIE SUPERIEURE, CA  
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- [72] KWAK, JAEYOUNG, US  
[72] KOO, CHANG-SOO, US  
[72] OLESEN, ROBERT LIND, US  
[72] BULTAN, AYKUT, US  
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- [54] **PROCEDE DE FABRICATION D'UNE BANDE DE FILM**
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[72] SCHREINER, GUENTER, DE  
[73] RKW SE, DE
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- [25] EN
- [54] **IMPROVED CORRUGATED FLEXIBLE PIPE WITH A BUILT-IN ELECTRIC CABLE**
- [54] **CONDUIT SOUPLE ONDULE AMELIORE AVEC CABLE ELECTRIQUE INTEGRE**
- [72] COLBACHINI, GIUSEPPE ALDINIO, IT  
[73] IVG COLBACHINI S.P.A., IT
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[72] RHODES, NIGEL ANTHONY, GB  
[72] SUMMERSIDE, IAN JAMES, CH  
[73] ALSTOM TECHNOLOGY LTD, CH
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- [54] **DISPOSITIF D'ADMINISTRATION DE MEDICATION**
- [72] CHAVEZ, ENRICO, CH  
[72] PIOTELAT, SANDRINE, FR  
[72] PONGPAIROCHANA, VINCENT, CH  
[73] ARES TRADING S.A., CH
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- [54] **TOLE D'ACIER LAMINEE A CHAUD DURCIE PAR CUISSON PRESENTANT UNE EXCELLENTE APTITUDE AU FACONNAGE ET METHODE DE FABRICATION CONNEXE**
- [72] YOKOI, TATSUO, JP  
[72] YAMADA, TETSUYA, JP  
[72] TASAKI, FUMINORI, JP  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[73] RYUKAKUSAN CO., LTD., JP  
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[54] **DISPOSITIF DE REPARATION D'UN ANEURISME AORTIQUE ABDOMINAL AVEC ORIFICE D'ACCES A LA CAVITE ANEURISMALE**  
[72] MAJERCAK, DAVID C., US  
[72] KREVER, MATTHEW E., US  
[72] KHAN, I. JOHN, US  
[72] OLSEN, DANIEL, US  
[72] PARK, JIN S., US  
[72] SANCHEZ, DIANA, US  
[73] CORDIS CORPORATION, US  
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[72] PIGGOTT, DAVID C., CA  
[73] QUICKMILL, INC., CA  
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[54] **POINTE D'ANCRAGE TORSADEE POUR ENDOPROTHESE D'UN DISPOSITIF DE TRAITEMENT D'UN ANEURISME DE L'AORTE ABDOMINALE**  
[72] MAJERCAK, DAVID C., US  
[72] PARK, JIN S., US  
[73] CORDIS CORPORATION, US  
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[54] **COMPOSITION D'HUILE LUBRIFIANTE DE CARTER DE MOTEUR A COMBUSTION INTERNE**  
[72] GRAY, CHRISTOPHER, GB  
[72] SHAW, ROBERT WILLIAM, GB  
[72] BOESE, DOYLE HAROLD, US  
[73] INFINEUM INTERNATIONAL LIMITED, GB  
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[54] **REGENERATEUR MAGNETIQUE, PROCEDE DE FABRICATION D'UN REGENERATEUR MAGNETIQUE, REFRIGERATEUR MAGNETIQUE ACTIF ET PROCEDE DE FABRICATION D'UN REFRIGERATEUR MAGNETIQUE ACTIF**  
[72] DINESEN, ANDERS REVES, DK  
[72] LINDEROTH, SOREN, DK  
[72] PRYDS, NINI, DK  
[72] SMITH, ANDERS, DK  
[73] THE TECHNICAL UNIVERSITY OF DENMARK, DK  
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[54] **METHOD FOR IMPLEMENTING A LIVE DEALER GAME**  
[54] **METHODE DE MISE EN OEUVRE D'UN JEU A DISTRIBUTEUR ACTIF**  
[72] MOSHAL, MARTIN PAUL, GB  
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[73] THERMODRIVE LLC, US  
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[72] FISHER, MICHAEL ANDREJA, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
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[54] **PROCEDE DE REDUCTION DE DONNEES NUMERISEES DANS UN RACLEUR EMAT**  
[72] STRIPF, HELMUT, DE  
[72] BALZER, MATTHIAS, DE  
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[54] **PROTEASOME INHIBITORS AND METHODS OF USING THE SAME**  
[54] **INHIBITEURS DU PROTEASOME ET LEURS METHODES D'UTILISATION**  
[72] OLIVA, AMBROGIO, IT  
[72] BERNARDINI, RAFFAELLA, IT  
[72] D'ARASMO, GERMANO, IT  
[72] CASSARA, PAOLO G., IT  
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[54] **BALUSTRE A BROCHES AVEC GUIDES-FILS SEMI-ENCASTRES**  
[72] VOGUE, DOUGLAS ALLAN, US  
[72] SCRANTON, SCOTT, US  
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[54] **ATTACHE EN PLASTIQUE PLIABLE POUR STORES PLISSES**  
[72] ANDERSEN, TORBEN MEYER, DK  
[73] FABER A/S, DK  
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[54] **DESULFURIZING AGENT AND METHOD OF DESULFURIZATION WITH THE SAME**  
[54] **AGENT DE DESULFURATION ET PROCEDE DE DESULFURATION L'UTILISANT**  
[72] KATSUNO, HISASHI, JP  
[72] SAITO, KAZUHITO, JP  
[73] IDEMITSU KOSAN CO., LTD., JP  
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[54] **COMPOSITE SKIN AND STRINGER STRUCTURE AND METHOD FOR FORMING THE SAME**  
[54] **STRUCTURES COMPOSITES CONSTITUEES DE LISSES ET DE REVETEMENTS ET PROCEDES DE FORMATION DE CES DERNIERES**  
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[73] THE BOEING COMPANY, US  
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[54] **COMPOSITIONS CONTAINING FATTY ACIDS AND/OR DERIVATIVES THEREOF AND A LOW TEMPERATURE STABILIZER**  
[54] **COMPOSITIONS RENFERMANT DES ACIDES GRAS ET/OU LEURS DERIVES ET UN STABILISATEUR A BASSE TEMPERATURE**  
[72] MULLER, DRIES, NL  
[72] LOPES, PEDRO, NL  
[72] BREWER, MARK, NL  
[72] KELDERMAN, ERIK, NL  
[72] BROERE, DAVID, NL  
[73] ARIZONA CHEMICAL COMPANY, LLC, US  
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[54] **OIL SOLUBLE COMB POLYMERS**  
[54] **POLYMERES EN PEIGNES SOLUBLES DANS L'HUILE**  
[72] STOEHR, TORSTEN, DE  
[72] EISENBERG, BORIS, DE  
[72] MUELLER, MICHAEL, DE  
[73] EVONIK ROHMAX ADDITIVES GMBH, DE  
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[25] EN  
[54] **VALVE DEVICE FOR A PERCUSSION DEVICE AND PERCUSSION DEVICE FOR A ROCK DRILLING MACHINE**  
[54] **DISPOSITIF DE VALVE POUR DISPOSITIF A PERCUSSION ET DISPOSITIF A PERCUSSION POUR PERFORATRICE DE ROCHES**  
[72] ANDERSSON, KURT, SE  
[73] ATLAS COPCO ROCK DRILLS AB, SE  
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[25] FR  
[54] **MANUFACTURING PROCESS FOR A PILOT BLADE MADE OF COMPOSITE MATERIAL**  
[54] **PROCEDE DE FABRICATION D'UNE AUBE TEMOIN EN MATERIAU COMPOSITE**  
[72] ROMERO, JEAN-LOUIS, FR  
[72] WOZNIAK, MYRIAM, FR  
[73] SNECMA, FR  
[86] (2607242)  
[87] (2607242)  
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[25] EN  
[54] **FORMER FOR PAVEMENT-LIKE SITES, METHOD OF MAKING SAME, METHOD OF USING SAME, AND RESULTING PAVEMENT-LIKE SITE**  
[54] **FORMES POUR PSEUDO-CHAUSSEES, METHODE DE FABRICATION, METHODE D'UTILISATION ET RESULTAT OBTENU**  
[72] GRIMBLE, TERRY L., US  
[72] INGERSOLL, RUSSELL, US  
[73] SUSTAINABLE PAVING SYSTEMS, LLC, US  
[86] (2607539)  
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[54] **BEVERAGE LID DISPENSER**  
[54] **DISTRIBUTEUR DE COUVERCLES DE BOISSON**  
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[72] WALSH, KENNETH T., US  
[73] KENNIK INNOVATIONS, L.L.C., US  
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PROGRAM**  
[54] **DISPOSITIF ET PROGRAMME DE  
PRODUCTION D'IMAGE  
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[72] ERA, KAZUNARI, JP  
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[25] EN  
[54] **COMPOSITIONS AND METHODS  
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SECRETION**  
[54] **COMPOSITIONS ET METHODES  
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SECRETIONS D'ACIDE  
GASTRIQUE**  
[72] KOSTADINOV, ALEKSEY, IL  
[72] DAVID, AYELET, IL  
[72] GLOZMAN, SABINA, IL  
[73] VECTA, LTD., IL  
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[25] EN  
[54] **SOLID STATE METHOD AND  
APPARATUS FOR MAKING  
LENSES AND LENS  
COMPONENTS**  
[54] **PROCEDE ET APPAREIL DE  
COMPRESSION A L'ETAT  
SOLIDE PERMETTANT DE  
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DES COMPOSANTS DE LENTILLE**  
[72] PLUMMER, WILLIAM T., US  
[73] WTP OPTICS, INC., US  
[85] 2007-11-08  
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[54] **HEATING RACK**  
[54] **GRILLE CHAUFFANTE**  
[72] WORTON, IAN GEOFFREY, GB  
[72] NEATH, PETER KARL, GB  
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[85] 2007-11-08  
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[25] EN  
[54] **PROCESS FOR THE CONVERSION  
OF SYNTHESIS GAS TO  
OXYGENATES**  
[54] **PROCEDE PERMETTANT LA  
CONVERSION DE GAZ DE  
SYNTHESE EN COMPOSES  
OXYGENES**  
[72] ATKINS, MARTIN PHILIP, GB  
[72] BOLTON, LESLIE WILLIAM, GB  
[72] GRACEY, BENJAMIN PATRICK, GB  
[72] SUNLEY, JOHN GLENN, GB  
[73] BP CHEMICALS LIMITED, GB  
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[25] EN  
[54] **METHOD AND APPARATUS FOR  
MAKING CRYSTALLINE  
POLYMERIC PELLETS AND  
GRANULES**  
[54] **PROCEDE ET APPAREIL DE  
FABRICATION DE PASTILLES ET  
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CRISTALLINS**  
[72] ELOO, MICHAEL, DE  
[72] WRIGHT, ROGER B., US  
[72] MANN, ROBERT G., US  
[73] GALA INDUSTRIES, INC., US  
[85] 2007-11-20  
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[54] **THERMAL INSULATING BAG**  
[54] **SAC THERMIQUE POUR  
PRODUITS ALIMENTAIRES ET  
D'AUTRES PRODUITS  
SIMILAIRES**  
[72] GIULIANI, NICOLA, IT  
[73] IMBALL-CENTER S.R.L., IT  
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[13] C

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[25] FR  
[54] **DEVICE FOR FIXING AN  
ORNAMENTAL PROFILED  
SECTION ON A SHAPED BAND**  
[54] **DISPOSITIF DE FIXATION D'UN  
PROFILE ENJOLIVEUR SUR UN  
CORDON PROFILE**  
[72] DEBAILLEUL, ROMAIN, FR  
[72] HUCHET, GERARD, FR  
[72] SUBRA, RENAUD, FR  
[73] SAINT-GOBAIN GLASS FRANCE,  
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[54] **DISPOSITIF DE POSITIONNEMENT POUR UNE PROTHESE ET SYSTEME CORRESPONDANT**  
[72] JOHANSSON, ERIK, SE  
[72] AXEN, NIKLAS, SE  
[72] BOWALD, STAFFAN, SE  
[72] OLERUD, SVEN, SE  
[72] JACOBSEN, HANS, SE  
[73] ORTOVIVA AB, SE  
[85] 2007-11-26  
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[25] EN  
[54] **INTERMITTENT FLOW EXTRUSION PROCESS AND FOOD PRODUCT**  
[54] **PROCEDE D'EXTRUSION A FLUX INTERMITTENT ET PRODUIT ALIMENTAIRE**  
[72] BARNVOS, DONALD, US  
[72] FLEISCHMAN, HILDA, US  
[72] JURAVIC, DAVOR, US  
[72] KEEHN, WILLIAM, US  
[72] BAUTISTA, STEVEN, US  
[72] LEW, ERIC J., US  
[72] DIAZ, YOMAYRA, US  
[72] BALTORINIC, FRANJO, US  
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[85] 2007-11-27  
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[54] **DRAINAGE CATHETER WITH LOCKING HUB**  
[54] **CATHETER DE DRAINAGE AVEC RACCORD DE VERROUILLAGE**  
[72] ACCISANO, NICHOLAS GERALD, III, US  
[72] LAMPROPOULOS, FRED P., US  
[73] MERIT MEDICAL SYSTEMS, INC., US  
[85] 2007-11-29  
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[87] (WO2007/021490)  
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[25] FR  
[54] **LADDER SYSTEM, ESPECIALLY FOR VEHICLES**  
[54] **SYSTEME D'ECHELLE, NOTAMMENT POUR VEHICULES**  
[72] GUERING, BERNARD, FR  
[73] AIRBUS OPERATIONS SAS, FR  
[85] 2007-12-03  
[86] 2006-06-07 (PCT/FR2006/001286)  
[87] (WO2006/131645)  
[30] FR (0505795) 2005-06-08

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[13] C

[51] **Int.Cl. B65H 18/28 (2006.01) B65H 19/22 (2006.01)**  
[25] EN  
[54] **CENTRE DISPENSING ROLL WITH ENHANCED ROLL INTEGRITY**  
[54] **ROULEAU DISTRIBUTEUR PAR LE CENTRE A INTEGRITE DE ROULEAU AMELIOREE**  
[72] MALECOT, YVES-MICHEL, FR  
[72] HUNGLER, JOEL, FR  
[72] INGERT, BERNARD, FR  
[73] GEORGIA-PACIFIC FRANCE, FR  
[85] 2007-12-03  
[86] 2006-06-07 (PCT/FR2006/001285)  
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[54] **CONTROL SYSTEM FOR THE NACELLE OF A TURBOREACTOR**  
[54] **SYSTEME DE COMMANDE POUR NACELLE DE TURBOREACTEUR**  
[72] MARIN MARTINOD, THIERRY, FR  
[73] AIRCELLE, FR  
[85] 2007-12-10  
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[25] EN  
[54] **ELECTROOPTIC DEVICE**  
[54] **DISPOSITIF ELECTRO-OPTIQUE**  
[72] NAKAMURA, KOUICHIROU, JP  
[72] FUJIURA, KAZUO, JP  
[72] IMAI, TADAYUKI, JP  
[72] MIYAZU, JUN, JP  
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
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[87] (WO2006/137408)  
[30] JP (2005-179306) 2005-06-20  
[30] JP (2006-053306) 2006-02-28  
[30] JP (2006-094999) 2006-03-30  
[30] JP (2006-100403) 2006-03-31  
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[25] EN

[54] **TETRAHYDROQUINOLINES FOR USE AS MODULATORS OF THE MITOTIC MOTOR PROTEIN EG5**

[54] **TETRAHYDROQUINOLEINES POUVANT SERVIR DE MODULATEURS DE LA PROTEINE MOTEUR MITOTIQUE EG5**

[72] SCHIEMANN, KAI, DE  
[72] BRUGE, DAVID, DE  
[72] BUCHSTALLER, HANS-PETER, DE  
[72] EMDE, ULRICH, DE  
[72] FINSINGER, DIRK, DE  
[72] AMENDT, CHRISTIANE, DE  
[72] ZENKE, FRANK, DE  
[73] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE

[85] 2007-12-11  
[86] 2006-06-02 (PCT/EP2006/005297)  
[87] (WO2006/133821)  
[30] DE (10 2005 027 168.5) 2005-06-13

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[13] C

[51] **Int.Cl. B64C 1/18 (2006.01) B60N 2/06 (2006.01) B64D 11/06 (2006.01)**

[25] FR

[54] **DEVICE FOR FIXING A SEAT RAIL ON A FLOOR, AND AIRCRAFT EQUIPPED WITH SUCH A FIXING DEVICE**

[54] **DISPOSITIF DE FIXATION D'UN RAIL DE SIEGE SUR UN PLANCHER, ET AERONEF MUNI D'UN TEL DISPOSITIF DE FIXATION**

[72] RICAUD, ALEXANDRE, FR  
[73] AIRBUS OPERATIONS SAS, FR

[85] 2007-12-13  
[86] 2006-06-26 (PCT/FR2006/001485)  
[87] (WO2007/003752)  
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[51] **Int.Cl. A61K 31/496 (2006.01) A61K 31/4709 (2006.01) A61P 19/08 (2006.01) A61P 35/04 (2006.01)**

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[54] **INHIBITION OF OSTEOLYTIC LESIONS BY SRC KINASE INHIBITORS**

[54] **INHIBITION DE LESIONS OSTEOLYTIQUES PAR INHIBITEURS DE SRC KINASE**

[72] DARNAY, BRYANT G., US  
[72] PRICE, JANET E., US  
[72] POBLENZ, ANN, US  
[72] TALPAZ, MOSHE, US  
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US

[85] 2007-12-14  
[86] 2006-06-16 (PCT/US2006/023529)  
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[25] EN

[54] **CONTAINER FOR RESUSPENDING SEDIMENTED MEDICAMENT**

[54] **CONTENEUR POUR LA RESUSPENSION D'UN DEPOT DE MEDICAMENT**

[72] OLIVER, MARTIN, GB  
[73] NORTON HEALTHCARE LIMITED, GB

[85] 2007-12-31  
[86] 2006-06-27 (PCT/GB2006/002367)  
[87] (WO2007/003891)  
[30] GB (0513581.9) 2005-07-01

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[13] C

[51] **Int.Cl. C07D 498/10 (2006.01) A61K 31/438 (2006.01) A61P 25/04 (2006.01)**

[25] EN

[54] **SUBSTITUTED 1-OXA-3,8-DIAZASPIRO[4.5]-DECAN-2-ONE COMPOUNDS AND THE USE THEREOF FOR PRODUCING DRUGS**

[54] **COMPOSES DE 1-OXA-3,8-DIAZASPIRO[4.5]-DECANE-2-ONE SUBSTITUES ET UTILISATION DE CEUX-CI POUR PRODUIRE DES MEDICAMENTS**

[72] SUNDERMANN, CORINNA, DE  
[72] PRZEWOSNY, MICHAEL, DE  
[72] SUNDERMANN, BERND, DE  
[73] GRUENENTHAL GMBH, DE

[85] 2007-12-18  
[86] 2006-06-27 (PCT/EP2006/006215)  
[87] (WO2007/000325)  
[30] DE (10 2005 030 051.0) 2005-06-27

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[13] C

[51] **Int.Cl. B64C 1/12 (2006.01)**

[25] FR

[54] **MONOLITHIC SELF-STIFFENED PANELS**

[54] **PANNEAU AUTO-RAIDI MONOLITHIQUE**

[72] CACCIAGUERRA, BRUNO, FR  
[73] AIRBUS OPERATIONS SAS, FR

[85] 2008-01-07  
[86] 2006-07-12 (PCT/EP2006/064154)  
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[30] FR (05 52255) 2005-07-20

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[25] EN  
[54] **CINCH/LOCK A LEG TO ENSURE ENGAGEMENT**  
[54] **SANGLAGE/VERROUILLAGE D'UNE PATTE AFIN DE GARANTIR SON ENGRENEMENT**  
[72] SCHACHT, DAVID M., US  
[72] CAO, LEI, US  
[72] MCLAUGHLIN, MATTHEW J., US  
[72] DE VOSS, CATHERINE A., US  
[72] DOMLOVIL, THOMAS J., US  
[72] CARROLL, JEFFREY P., US  
[73] INTIER AUTOMOTIVE INC., CA  
[85] 2008-01-15  
[86] 2006-07-17 (PCT/CA2006/001138)  
[87] (WO2007/009218)  
[30] US (60/700,621) 2005-07-19

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[13] C

[51] **Int.Cl. A01G 9/02 (2006.01) A01G 9/10 (2006.01)**  
[25] EN  
[54] **METHOD FOR CULTIVATING PLANTS AS WELL AS A CULTURE MEDIUM**  
[54] **PROCEDE DE MISE EN CULTURE DE PLANTES ET MILIEU DE CULTURE ASSOCIE**  
[72] LANGEZAAL, LUCAS  
EVERHARDUS MARIA, ES  
[72] JONKER, JOHANNES CORNELIS, NL  
[73] LANGEZAAL, LUCAS  
EVERHARDUS MARIA, ES  
[85] 2008-01-15  
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[87] (WO2007/011225)  
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[25] EN  
[54] **AMPHIPHILIC POLYMER COMPOUNDS, METHOD FOR THE PRODUCTION THEREOF AND THEIR USE**  
[54] **COMPOSES POLYMERES AMPHIPHILES, PROCEDES DE PRODUCTION ET UTILISATION ASSOCIES**  
[72] INGRISCH, STEFAN, DE  
[72] ALBRECHT, GERHARD, DE  
[72] THALER, STEFAN, DE  
[72] BAUER, MATHIAS, DE  
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE  
[85] 2008-01-17  
[86] 2006-07-20 (PCT/EP2006/007169)  
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[30] DE (10 2005 034 183.7) 2005-07-21

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[25] FR  
[54] **N-(HETEROARYL)-1-HETEROARYLALKYL-1H-INDOLE-2-CARBOXAMIDE DERIVATIVES, PREPARATION AND USE THEREOF**  
[54] **DERIVES DE N-(HETEROARYL)-1-HETEROARYLALKYL-1H-INDOLE-2-CARBOXAMIDES, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE**  
[72] DUBOIS, LAURENT, FR  
[72] EVANNO, YANNICK, FR  
[72] MALANDA, ANDRE, FR  
[73] SANOFI-AVENTIS, FR  
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[54] **IMPACT-MODIFIED, HYDROLYSIS-RESISTANT POLYCARBONATE MOLDING COMPOSITIONS WITH LOW CONTENT OF LITHIUM IONS**  
[54] **COMPOSITIONS POUR MOULAGE DE POLYCARBONATE ANTICHOCH RESISTANT A L'HYDROLYSE A FAIBLE TENEUR EN IONS LITHIUM**  
[72] SEIDEL, ANDREAS, DE  
[72] WITTMANN, DIETER, DE  
[72] HAGER, BRUCE L., US  
[72] MICHELS, GISBERT, DE  
[73] BAYER MATERIALSCIENCE AG, DE  
[85] 2008-01-18  
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[30] US (11/186,339) 2005-07-21

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[51] **Int.Cl. H01R 13/713 (2006.01) H01H 37/08 (2006.01)**  
[25] EN  
[54] **ELECTRICAL DISTRIBUTION DEVICE INCLUDING PROTECTION FOR OVERHEATING CONDITIONS**  
[54] **DISPOSITIF DE REPARTITION ELECTRIQUE INCLUANT UNE PROTECTION POUR DES ETATS DE SURCHAUFFE**  
[72] SHEA, JOHN J., US  
[73] EATON CORPORATION, US  
[85] 2008-01-23  
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[54] **FEMALE QUICK COUPLING FITTING ELEMENT FOR PIPES**  
[54] **ELEMENT DE FIXATION FEMELLE A RACCORD RAPIDE POUR TUYAUX**  
[72] ALLEVI, MATTEO, IT  
[72] GATTI, GIANMARCO, IT  
[72] STUCCHI, GIOVANNI, IT  
[72] TIVELLI, SERGIO, IT  
[73] STUCCHI S.P.A., IT  
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[51] **Int.Cl. C08L 27/16 (2006.01) B29C 61/06 (2006.01) C08L 71/03 (2006.01) F16L 47/22 (2006.01)**  
[25] EN  
[54] **COLD-SHRINK ARTICLE AND METHOD OF MAKING COLD-SHRINK ARTICLE**  
[54] **ARTICLE RETRECISSEBLE A FROID ET PROCEDE DE FABRICATION D'UN ARTICLE RETRECISSEBLE A FROID**  
[72] BANDYOPADHYAY, PRADIP K., US  
[72] EVONIUK, CHRISTOPHER J., US  
[72] VORA, KRISHNAKANT P., US  
[73] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2008-01-24  
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[25] EN  
[54] **PNEUMATICALLY ACTUATED INFRARED WELDING METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE SOUDAGE PNEUMATIQUE PAR INFRAROUGE**  
[72] BEUTE, SCOTT M., US  
[72] ALLEN, DAVID A., US  
[72] MILLER, ROGER G. JR., US  
[72] ESSENBURG, MARK W., US  
[73] EXTOL, INC., US  
[86] (2616642)  
[87] (2616642)  
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[25] EN  
[54] **PH-CONTROLLED PULSATILE DELIVERY SYSTEM, METHODS FOR PREPARATION AND USE THEREOF**  
[54] **SYSTEME DE DISTRIBUTION PULSATILE COMMANDE PAR LE PH, PROCEDES DE PREPARATION ET UTILISATION**  
[72] SCHELLEKENS, REINOUT CORNELUS ANDREAS, NL  
[72] FRIJLINK, HENDERIK WILLEM, NL  
[73] STICHTING GRONINGEN CENTRE FOR DRUG RESEARCH, NL  
[85] 2008-01-28  
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[25] EN  
[54] **A CONTAINER FOR FOOD RECIPIENT POUR ALIMENTS**  
[72] GOLDMAN, NEIL, GB  
[72] MILLS, FRANK, GB  
[72] WRIGHT, PHILIP, GB  
[73] COLPAC LIMITED, GB  
[85] 2008-01-25  
[86] 2006-07-28 (PCT/GB2006/002850)  
[87] (WO2007/012880)  
[30] GB (0515677.3) 2005-07-29  
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[51] **Int.Cl. C10M 173/02 (2006.01)**  
[25] EN  
[54] **AQUEOUS PHASE-STABLE CONTAINER CONVEYING LUBRICANT COMPOSITON COMPRISING A WATER-MISCIBLE SILICONE MATERIAL AND A SELECT WETTING AGENT**  
[54] **CONTENEUR A PHASE AQUEUSE STABLE TRANSPORTANT UNE COMPOSITION LUBRIFIANTE COMPORTANT UN MATERIAU DE SILICONE MISCIBLE A L'EAU ET UN AGENT MOUILLANT SELECTIONNE**  
[72] MORRISON, ERIC D., US  
[72] JOHNSON, RICHARD D., US  
[72] MAN, VICTOR F., US  
[72] BESSE, MICHAEL E., US  
[73] ECOLAB INC., US  
[85] 2008-01-31  
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[54] **METHODS AND COMPOSITIONS FOR REGENERATING ARTICULAR CARTILAGE**

[54] **METHODES ET COMPOSITIONS DE REGENERATION DE CARTILAGE ARTICULAIRE**

[72] VUKICEVIC, SLOBODAN, HR

[72] JELIC, MISLAV, HR

[73] GENERA ISTRAZIVANJA D.O.O., HR

[85] 2008-01-31

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[54] **METHOD OF ACYLATING MAYTANSINOL WITH CHIRAL AMINO ACIDS**

[54] **PROCEDE D'ACYLATION DE MAYTANSINOL A L'AIDE D'AMINOACIDES CHIRAUX**

[72] HO, GUOJIE, US

[72] CARROZZELLA, DARREN J., US

[73] MILLENNIUM PHARMACEUTICALS, INC., US

[85] 2008-02-05

[86] 2006-08-08 (PCT/US2006/030857)

[87] (WO2007/021674)

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[25] EN

[54] **INDOLE DERIVATIVES AS CRTH2 RECEPTOR ANTAGONISTS**

[54] **DERIVES D'INDOLE EN TANT QU'ANTAGONISTES DU RECEPTEUR CRTH2**

[72] WANG, ZHAOYIN, CA

[73] MERCK CANADA INC., CA

[85] 2008-02-08

[86] 2006-08-07 (PCT/CA2006/001305)

[87] (WO2007/019675)

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[13] C

[51] **Int.Cl. C09D 7/14 (2006.01) C09D 17/00 (2006.01)**

[25] EN

[54] **A PARTICULATE DRY TINTER COMPRISING AT LEAST TWO PIGMENTS PROCESS FOR ITS PREPARING AND USE IN A COATING COMPOSITION**

[54] **COLORANT SEC PARTICULAIRE COMPRENANT AU MOINS DEUX PIGMENTS, SON PROCEDE DE FABRICATION ET SON UTILISATION DANS UNE COMPOSITION DE REVETEMENT**

[72] SASADA, PAUL JOHN CHRISTOPHER, GB

[72] WILLIAMS, HEATHER ELIZABETH, GB

[72] STRAUB, HUGUES, GB

[73] IMPERIAL CHEMICAL INDUSTRIES LIMITED, GB

[85] 2008-02-15

[86] 2006-07-26 (PCT/EP2006/007382)

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[30] GB (0516860.4) 2005-08-17

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[13] C

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

[25] EN

[54] **METHODS OF MAKING XYLENE ISOMERS**

[54] **METHODES DE PRODUCTION D'ISOMERES DE XYLENE**

[72] SCHWARTZ, HILARY E., US

[72] MILLER, JEFFREY T., US

[72] HENLEY, BRIAN J., US

[72] HUFF, GEORGE A., US

[73] BP CORPORATION NORTH AMERICA INC., US

[85] 2008-02-21

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[25] EN

[54] **TREATMENT OF AUTOIMMUNE DISEASES**

[54] **TRAITEMENT DE MALADIES AUTO-IMMUNES**

[72] ALBERT, RAINER, CH

[72] COOKE, NIGEL GRAHAM, CH

[72] NUSSLIN-HILDESHEIM, BARBARA, DE

[72] WEILER, SVEN, DE

[73] NOVARTIS AG, CH

[85] 2008-02-28

[86] 2006-09-07 (PCT/EP2006/066150)

[87] (WO2007/028821)

[30] US (60/715,990) 2005-09-09

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[25] EN

[54] **A TRANSGENIC PLANT HAVING ENHANCED DROUGHT TOLERANCE**

[54] **PLANTE TRANSGENIQUE PRESENTANT UNE TOLERANCE ACCRUE A LA SECHERESSE**

[72] AHARONI, ASAPH, NL

[72] DIXIT, SHITAL, NL

[72] TRIJATMIKO, KURNIAWAN RUDI, NL

[72] HIEMSTRA, JELLE, NL

[72] PEREIRA, ANDY, NL

[73] STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK, NL

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[25] EN  
[54] **APPARATUS FOR CUTTING UP BIOLOGICAL SAMPLE MATERIAL**  
[54] **DISPOSITIF POUR FRACTIONNER UNE MATIERE D'ECHANTILLON BIOLOGIQUE**  
[72] JENNI, STEFAN, CH  
[72] KRIEG, DANIEL, CH  
[72] MEISSNER, KARSTEN, CH  
[73] PRIONICS AG, CH  
[85] 2008-03-11  
[86] 2006-08-25 (PCT/EP2006/008329)  
[87] (WO2007/033748)  
[30] EP (05020207.6) 2005-09-16

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[13] C

[51] **Int.Cl. H04L 29/06 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR AUTHENTICATING A USER FOR ACCESSING AN EMAIL ACCOUNT USING AUTHENTICATION TOKEN**  
[54] **SYSTEME ET PROCEDE PERMETTANT D'AUTENTIFIER UN UTILISATEUR POUR ACCES A UN COMPTE DE COURRIERS ELECTRONIQUES AU MOYEN D'UN JETON D'AUTHEMIFICATION**  
[72] GORTY, SURYANARAYANA MURTHY, US  
[73] BLACKBERRY LIMITED, CA  
[85] 2008-03-18  
[86] 2005-09-28 (PCT/US2005/035005)  
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[30] US (11/237096) 2005-09-28

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[13] C

[51] **Int.Cl. A61M 1/00 (2006.01)**  
[25] EN  
[54] **ONE PIECE SEALING RESERVOIR FOR AN INSULIN INFUSION PUMP**  
[54] **RESERVOIR MONOBLOC ETANCHE DESTINE A UNE POMPE A PERFUSION D'INSULINE**  
[72] LYNCH, GEORGE R., US  
[72] BRANDENBURG, ALLEN E., US  
[72] PRICE, BRET, US  
[73] APPLIED DIABETES RESEARCH, INC., US  
[85] 2008-03-20  
[86] 2006-09-12 (PCT/US2006/035515)  
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[30] US (11/231,737) 2005-09-21

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[13] C

[51] **Int.Cl. B64D 27/26 (2006.01)**  
[25] EN  
[54] **METHOD TO MOUNT AN AIRCRAFT ENGINE ON A RIGID STRUCTURE OF AN ENGINE MOUNT**  
[54] **METHODE DE MONTAGE D'UN MOTEUR D'AERONEF SUR UNE STRUCTURE RIGIDE D'UN MAT D'ACCROCHAGE**  
[72] LAFONT, LAURENT, FR  
[72] JOURNADE, FREDERIC, FR  
[72] RENAUD, ERIC, FR  
[73] AIRBUS OPERATIONS SAS, FR  
[85] 2008-03-25  
[86] 2006-09-22 (PCT/EP2006/066633)  
[87] (WO2007/033993)  
[30] FR (05 52868) 2005-09-26

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[13] C

[51] **Int.Cl. B64D 27/26 (2006.01)**  
[25] FR  
[54] **STRUT FOR LOCKING THE ENGINE OF AN AIRCRAFT**  
[54] **MAT D'ACCROCHAGE DE MOTEUR POUR AERONEF**  
[72] LAFONT, LAURENT, FR  
[72] JOURNADE, FREDERIC, FR  
[72] RENAUD, ERIC, FR  
[73] AIRBUS OPERATIONS SAS, FR  
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[86] 2006-09-22 (PCT/EP2006/066637)  
[87] (WO2007/033995)  
[30] FR (05 52866) 2005-09-26

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[51] **Int.Cl. G01N 33/00 (2006.01)**  
[25] EN  
[54] **ESTRIOL THERAPY FOR AUTOIMMUNE AND NEURODEGENERATIVE DISEASES AND DISORDERS**  
[54] **THERAPIE PAR ESTRIOL POUR MALADIE DES TROUBLES AUTO-IMMUNS ET NEURODEGENERATIFS**  
[72] VOSKUH, RHONDA R., US  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2008-03-26  
[86] 2006-09-26 (PCT/US2006/037752)  
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[30] US (60/720,972) 2005-09-26  
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[25] EN  
[54] **USE OF NEBOGLAMINE IN THE TREATMENT OF TOXICODPENDENCY**  
[54] **UTILISATION DE LA NEBOGLAMINE DANS LE TRAITEMENT DE LA TOXICODPENDANCE**  
[72] MAKOVEC, FRANCESCO, IT  
[72] CASELLI, GIANFRANCO, IT  
[72] ROVATI, LUCIO CLAUDIO, IT  
[72] GIORDANI, ANTONIO, IT  
[73] ROTTAPHARM S.P.A., IT  
[85] 2008-04-01  
[86] 2006-10-03 (PCT/IB2006/053603)  
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[30] IT (TO2005A000691) 2005-10-04

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[13] C

[51] **Int.Cl. A61M 5/142 (2006.01)**  
[25] EN  
[54] **INFUSION DEVICE AND ACTUATOR FOR SAME**  
[54] **DISPOSITIF DE PERFUSION ET ACTIONNEUR**  
[72] GRAY, JOHN, US  
[73] MEDTRONIC MINIMED, INC., US  
[85] 2008-04-03  
[86] 2006-10-10 (PCT/US2006/040050)  
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[13] C

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[25] EN  
[54] **VOLUME-PHASE HOLOGRAPHIC DIFFRACTION GRATING OPTIMIZED FOR THE ULTRAVIOLET SPECTRAL REGION**  
[54] **RESEAU DE DIFFRACTION HOLOGRAPHIQUE EN PHASE VOLUMIQUE OPTIMISE POUR LA ZONE SPECTRALE DES ULTRAVIOLETS**  
[72] KAYE, ANTHONY BRESENHAN, US  
[73] EXELIS INC., US  
[85] 2008-04-08  
[86] 2006-10-24 (PCT/US2006/041418)  
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[25] EN  
[54] **NEEDLELESS ADDITIVE CONTROL VALVE**  
[54] **VANNE SANS AIGUILLE POUR CONTROLE D'ADDITIF**  
[72] ZINGER, FREDDY, IL  
[72] DENENBURG, IGOR, IL  
[73] MEDIMOP MEDICAL PROJECTS LTD, IL  
[85] 2008-04-14  
[86] 2006-10-26 (PCT/IL2006/001228)  
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[30] IL (171662) 2005-10-30

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[13] C

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[54] **DIRECT MELT PROCESSING OF RESINS**  
[54] **TRAITEMENT DE RESINE PAR FUSION DIRECTE**  
[72] AXELROD, GLEN S., US  
[72] GAJRIA, AJAY, US  
[73] T.F.H. PUBLICATIONS, INC., US  
[85] 2008-04-14  
[86] 2006-10-12 (PCT/US2006/040240)  
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[13] C

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[25] EN  
[54] **MAINTAINING DISINFECTION OF MEDICAL EQUIPMENT**  
[54] **MAINTIEN DE LA DESINFECTION D'UN EQUIPEMENT MEDICAL**  
[72] PARKER, GEORGE CHRISTOPHER, GB  
[72] LUKE, BARRY, GB  
[73] MEDICART INTERNATIONAL LIMITED, GB  
[85] 2008-04-15  
[86] 2006-10-27 (PCT/GB2006/050356)  
[87] (WO2007/049076)  
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[13] C

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[25] EN  
[54] **SEPARATION PROCESS**  
[54] **PROCEDE DE SEPARATION**  
[72] MANTTARI, MIKA, FI  
[72] SJOMAN, ELINA, FI  
[72] HEIKKILA, HEIKKI, FI  
[72] KOIVIKKO, HANNU, FI  
[72] LINDELL, JUTTA, FI  
[73] DUPONT NUTRITION BIOSCIENCES APS, DK  
[85] 2008-04-17  
[86] 2006-10-27 (PCT/FI2006/050465)  
[87] (WO2007/048880)  
[30] FI (20055581) 2005-10-28  
[30] US (60/799,513) 2006-05-11

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[13] C

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[25] EN  
[54] **DIFLUOROPHENOL DERIVATIVES AND THEIR USE**  
[54] **DERIVES DE DIFLUOROPHENOL ET LEUR UTILISATION**  
[72] BARTEL, STEPHAN, DE  
[72] HAHN, MICHAEL, DE  
[72] MORADI, WAHED AHMED, DE  
[72] BECKER, EVA-MARIA, DE  
[72] ROELLE, THOMAS, DE  
[72] STASCH, JOHANNES-PETER, DE  
[72] SCHLEMMER, KARL-HEINZ, DE  
[72] WUNDER, FRANK, DE  
[72] KNORR, ANDREAS, DE  
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE  
[85] 2008-04-18  
[86] 2006-10-09 (PCT/EP2006/009726)  
[87] (WO2007/045369)  
[30] DE (10 2005 050 497.3) 2005-10-21

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[51] **Int.Cl. H01B 3/30 (2006.01) H01B 3/32 (2006.01) H01B 3/44 (2006.01)**  
[25] EN  
[54] **WATER-SOLUBLE POLYMER COATING FOR USE ON ELECTRICAL WIRING**  
[54] **REVETEMENT POLYMERE SOLUBLE DANS L'EAU POUR UNE UTILISATION SUR UN CIRCUIT ELECTRIQUE**  
[72] KAUFFMAN, ROBERT E., US  
[73] UNIVERSITY OF DAYTON, US  
[85] 2008-04-18  
[86] 2006-10-18 (PCT/US2006/040967)  
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[54] **SURGICAL VARIABLE WIDE-ANGLE ILLUMINATOR**  
[54] **ILLUMINATEUR CHIRURGICAL A ANGLE LARGE ET VARIABLE**  
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[73] ALCON, INC., CH  
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[54] **PURIFICATION OF BETA CASEIN FROM MILK**  
[54] **PURIFICATION DE BETA-CASEINE DU LAIT**  
[72] O'MAHONY, JAMES ANTHONY, IE  
[72] SMITH, KAREN E., US  
[72] LUCEY, JOHN ANTHONY, US  
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
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[54] **ELECTRICAL STEEL SHEET HAVING INSULATION COATING AND METHOD FOR MANUFACTURING SAME**  
[54] **TOLE MAGNETIQUE EN ACIER A REVETEMENT ISOLANT ET PROCEDE DE PRODUCTION DE CELLE-CI**  
[72] SHIGEKUNI, TOMOFUMI, JP  
[72] SASHI, KAZUMICHI, JP  
[72] KOHNO, MASAOKI, JP  
[72] KOMORI, YUKA, JP  
[73] JFE STEEL CORPORATION, JP  
[85] 2008-05-29  
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[30] JP (2005-377067) 2005-12-28  
[30] JP (2006-331788) 2006-12-08

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[54] **PREVENTIVE OR THERAPEUTIC AGENT FOR ACUTE RENAL FAILURE**  
[54] **AGENT PREVENTIF OU THERAPEUTIQUE POUR INSUFFISANCE RENALE AIGUE**  
[72] YAGIHASHI, SOROKU, JP  
[72] OGASAWARA, SAORI, JP  
[72] HIBI, CHIHIRO, JP  
[72] KATO, NORIYUKI, JP  
[73] SANWA KAGAKU KENKYUSHO CO., LTD., JP  
[73] HIROSAKI UNIVERSITY, JP  
[85] 2008-06-16  
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[54] **METHOD OF AND SYSTEM FOR STABILIZATION OF SENSORS**  
[54] **PROCEDE ET SYSTEME DE STABILISATION DE CAPTEURS**  
[72] SHAH, RAJIV, US  
[72] REGHABI, BAHAR, US  
[72] HENKE, JAMES L., US  
[72] MORGAN, WAYNE A., US  
[72] SOUNDARARAJAN, GOPIKRISHNAN, US  
[72] CHOY, DAVID Y., US  
[72] SCHULTZ, PETER, US  
[72] HOSS, UDO, US  
[73] MEDTRONIC MINIMED, INC., US  
[85] 2008-06-17  
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[25] EN  
[54] **AN AUTOMATED BRICK LAYING SYSTEM FOR CONSTRUCTING A BUILDING FROM A PLURALITY OF BRICKS**  
[54] **SYSTEME AUTOMATISE DE POSE DE BRIQUES POUR CONSTRUIRE UN BATIMENT A PARTIR D'UNE PLURALITE DE BRIQUES**  
[72] PIVAC, MARK JOSEPH, AU  
[72] WOOD, MICHAEL BARRINGTON, AU  
[73] GOLDWING NOMINEES PTY LTD, AU  
[85] 2008-06-18  
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[54] **METHOD AND SYSTEM FOR MANAGING ENTERPRISE-RELATED MOBILE CALLS**  
[54] **METHODE ET SYSTEME DE GESTION DES APPELS DE RACCORDEMENT RADIOTELEPHONIQUES LIES AUX ENTREPRISES**  
[72] LEE, DALSU, CA  
[72] GEORGE, RICHARD, CA  
[72] OLIVER, BRIAN, CA  
[73] BLACKBERRY LIMITED, CA  
[86] (2635865)  
[87] (2635865)  
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[25] EN

[54] **METABOLITES OF WORTMANNIN ANALOGS AND METHODS OF USING THE SAME**

[54] **METABOLITES DES ANALOGUES DE LA WORTMANNINE ET LEURS PROCÉDES D'UTILISATION**

[72] POWIS, GARTH, US

[73] ARIZONA BOARD OF REGENTS, ACTING ON BEHALF OF THE UNIVERSITY OF ARIZONA, US

[85] 2008-06-27

[86] 2006-12-29 (PCT/US2006/062716)

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[54] **COATING SYSTEM FOR CEMENT COMPOSITE ARTICLES**

[54] **SYSTEME DE REVETEMENT POUR ARTICLES COMPOSITES EN CIMENT**

[72] BRANDENBURGER, LARRY B., US

[72] KILLILEA, T. HOWARD, US

[72] DECHAINE, DANIEL W., US

[72] EVANSON, KEVIN W., US

[73] VALSPAR SOURCING, INC., US

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[25] EN

[54] **PYRROLOPYRIDAZINONE COMPOUND**

[54] **COMPOSE DE PYRROLOPYRIDAZINONE**

[72] HAGIHARA, MASAHICO, JP

[72] TANAKA, MASAYUKI, JP

[72] KATSUBE, TETSUSHI, JP

[72] OKUDO, MAKOTO, JP

[72] IWASE, NORIAKI, JP

[72] SHIGETOMI, MANABU, JP

[72] KANDA, TOMOKO, JP

[72] NAKANISHI, TAKAYUKI, JP

[73] UBE INDUSTRIES, LTD., JP

[85] 2008-07-16

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[25] EN

[54] **COUPLING APPARATUS FOR RELEASABLY COUPLING HYDRAULICALLY POWERED WORK IMPLEMENTS TO A WORK VEHICLE**

[54] **DISPOSITIF POUR OUTILS DE TRAVAIL HYDRAULIQUES A ACCOUPLEMENT DEBLOCABLE RACCORDES A UN VEHICULE DE TRAVAIL**

[72] FREY, RYAN, CA

[72] FREY, OSCAR, CA

[73] 1708828 ONTARIO LTD. O/A HORST WELDING, CA

[86] (2638121)

[87] (2638121)

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[54] **SYSTEM AND METHOD FOR DETERMINING POSITION WITHIN OR WITHOUT A COMPLEX POLYGON GEOFENCE**

[54] **SYSTEME ET METHODE DE DETERMINATION DE LA POSITION A L'INTERIEUR OU EN DEHORS D'UN PERIMETRE POLYGONAL COMPLEXE**

[72] WANG, ZHENGMING, US

[72] ZENG, XIANGUANG, US

[73] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US

[86] (2639715)

[87] (2639715)

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[25] FR

[54] **METHOD AND DEVICE FOR DETECTING A LATERAL DISSYMMETRY OF AN AIRCRAFT**

[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UNE DISSYMETRIE LATERALE D'UN AERONEF**

[72] BOE, REGIS, FR

[72] CHATRENET, DOMINIQUE, FR

[73] AIRBUS OPERATIONS SAS, FR

[85] 2008-07-25

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[25] EN  
[54] **POLYMERIC, DEGRADABLE DRUG-ELUTING STENTS AND COATINGS COMPRISING COPOLYMERS OR HOMOPOLYMERS OF 4-HYDROXYBUTYRATE**  
[54] **ENDOPROTHESES ET REVETEMENTS POLYMERES DEGRADABLES ELUANT UN MEDICAMENT COMPORTANT DES COPOLYMERES OU DES HOMOPOLYMERES DE 4-HYDROXYBUTYRATE**  
[72] SCHMITZ, KLAUS-PETER, DE  
[72] BEHREND, DETLEF, DE  
[72] STERNBERG, KATRIN, DE  
[72] GRABOW, NIELS, DE  
[72] MARTIN, DAVID P., US  
[72] WILLIAMS, SIMON F., US  
[73] TEPHA, INC., US  
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[25] EN  
[54] **ENCODER SIGNAL ANALYSIS SYSTEM FOR HIGH-RESOLUTION POSITION MEASUREMENT**  
[54] **SYSTEME D'ANALYSE DE SIGNAL CODEUR POUR MESURE DE POSITION HAUTE RESOLUTION**  
[72] LINDBERG, PAUL M., US  
[72] SCHULTZE, GARY, US  
[72] HOLLINGSWORTH, PHILIP, US  
[73] MOOG INC., US  
[85] 2008-08-04  
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[51] **Int.Cl. C07D 231/20 (2006.01)**  
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[54] **PROCESS FOR PRODUCTION OF 5-ALKOXY-4-HYDROXYMETHYLPYRAZOLE COMPOUND**  
[54] **PROCEDE DE PRODUCTION D'UN COMPOSE 5-ALCOXY-4-HYDROXYMETHYLPYRAZOLE**  
[72] UCHIDA, YUKIO, JP  
[72] ATSUMI, NAOYA, JP  
[73] IHARA CHEMICAL INDUSTRY CO., LTD., JP  
[85] 2008-08-13  
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[25] EN  
[54] **AIR CLEANER INCLUDING OZONE REMOVAL**  
[54] **EPURATEUR D'AIR INTEGRANT UN SYSTEME D'ELIMINATION DE L'OZONE**  
[72] PATERSON, CHRISTOPHER M., US  
[72] REYNOLDS, CHARLES W., US  
[73] ORECK HOLDINGS, LLC, US  
[85] 2008-08-26  
[86] 2007-02-27 (PCT/US2007/062878)  
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[25] EN  
[54] **METHOD FOR PRODUCING HIGH-PURITY PRASUGREL OR AN ACID ADDITION SALT THEREOF**  
[54] **METHODE DE PREPARATION DE PRASUGREL DE GRANDE PURETE OU DE SON SEL D'ADDITION ACIDE**  
[72] INOUE, TERUHIKO, JP  
[72] NAKAMURA, KAZUYOSHI, JP  
[72] HAGIHARA, MASAHICO, JP  
[72] MIYATA, HIROYUKI, JP  
[72] WADA, YUKINORI, JP  
[72] YOKOTA, NAOYUKI, JP  
[73] DAIICHI SANKYO COMPANY, LIMITED, JP  
[73] UBE INDUSTRIES, LTD., JP  
[85] 2008-10-06  
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[54] **ROPING METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL D'ENROULEMENT DE CABLE**  
[72] KORKEAKANGAS, NIKO, FI  
[72] BARNEMAN, HAKAN, SE  
[73] KONE CORPORATION, FI  
[85] 2008-10-08  
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[54] **PLANCHER D'AERONEF, UTILISATION D'UN TEL PLANCHER ET TRONCON D'AERONEF MUNI D'UN TEL PLANCHER**  
[72] RICAUD, ALEXANDRE, FR  
[72] ROLLAND, BERNARD, FR  
[73] AIRBUS OPERATIONS SAS, FR  
[85] 2008-10-14  
[86] 2007-04-06 (PCT/EP2007/053419)  
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[30] FR (0651386) 2006-04-20

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[54] **SYSTEM AND PROCESS FOR COLLECTING EFFLUENTS FROM AN ELECTROLYTIC CELL**  
[54] **SYSTEME ET PROCEDE DE COLLECTE DES EFFLUENTS D'UNE CELLULE ELECTROLYTIQUE**  
[72] GIRAULT, GUILLAUME, AU  
[72] CANTIN, PHILIPPE, FR  
[73] ALUMINIUM PECHINEY, FR  
[85] 2008-10-10  
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[54] **ENHANCING AUDIO WITH REMIXING CAPABILITY**  
[54] **AMELIORATION DE SIGNAL AUDIO AVEC CAPACITE DE REMIXAGE**  
[72] FALLER, CHRISTOF, CH  
[72] OH, HYEN O., KR  
[72] JUNG, YANG WON, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2008-10-20  
[86] 2007-05-04 (PCT/EP2007/003963)  
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[30] US (60/829,350) 2006-10-13  
[30] US (60/884,594) 2007-01-11  
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[30] US (60/888,413) 2007-02-06  
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[13] C

[51] **Int.Cl. H04L 12/24 (2006.01)**  
[25] EN  
[54] **HIGH-THROUGHPUT CHANNEL OPERATION IN A MESH WIRELESS LOCAL AREA NETWORK**  
[54] **FONCTIONNEMENT DE CANAL A HAUT DEBIT DANS UN RESEAU SANS FIL DE ZONE LOCALE MAILLE**  
[72] LEVY, JOSEPH S., US  
[72] GRANDHI, SUDHEER A., US  
[72] RUDOLF, MARIAN, CA  
[72] ZUNIGA, JUAN CARLOS, CA  
[73] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2008-10-24  
[86] 2007-04-24 (PCT/US2007/010149)  
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[25] EN  
[54] **THIAZOLO-PYRAMIDINE / PYRIDINE UREA DERIVATIVES AS ADENOSINE A2B RECEPTOR ANTAGONISTS**  
[54] **DERIVES DE THIAZOLO-PYRAMIDINE / D'UREE PYRIDINE COMME ANTAGONISTES DE RECEPTEUR D'ADENOSINE A2B.**  
[72] BRINKMAN, JOHN A., US  
[72] CHEUNG, ADRIAN WAI-HING, US  
[72] FIROOZANIA, FARIBORZ, US  
[72] GUERTIN, KEVIN RICHARD, US  
[72] MARCOPULOS, NICHOLAS, US  
[72] QI, LIDA, US  
[72] RACHA, JAGDISH KUMAR, US  
[72] SARABU, RAMAKANTH, US  
[72] TAN, JENNY, US  
[72] TILLEY, JEFFERSON WRIGHT, US  
[73] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2008-11-07  
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[13] C

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[25] EN  
[54] **MATE BEVERAGE**  
[54] **BOISSON A BASE DE MATE**  
[72] LATKA, GERHARD, CA  
[72] WARNER, JOHN, CA  
[73] SOL MATE AG, LU  
[85] 2008-11-10  
[86] 2007-05-11 (PCT/CA2007/000811)  
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[30] US (60/799,333) 2006-05-11

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[13] C

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[25] EN  
[54] **DRY-POWDER INHALER FOR PULMONARY OR NASAL DELIVERY**  
[54] **INHALATEUR DE POUDRE SECHE POUR USAGE PULMONAIRE OU NASAL**  
[72] VILLAX, PETER, PT  
[72] MCDERMONT, IAIN, GB  
[72] BUNCE, MARTIN, GB  
[73] HOVIONE INTERNATIONAL LTD., HK  
[85] 2008-11-14  
[86] 2007-05-11 (PCT/GB2007/001756)  
[87] (WO2007/132217)  
[30] PT (103.481) 2006-05-16

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[13] C

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[25] EN  
[54] **PLANT EXPRESSING A GLUTATION-BINDING PLASTID-TYPE FRUCTOSE-1,6-BISPHOSPATE ALDOLASE HAVING IMPROVED PLANT GROWTH AND ABILITY AND DISEASE RESISTANCE THEREOF**  
[54] **PLANTE POSSEDANT UN FRUCTOSE-1,6-BISPHOSPHATE ALDOLASE DE TYPE PLASTE A LIAISON DE GLUTATHION QUI AFFICHE UNE CAPACITE DE CROISSANCE AMELIOREE ET UNE RESISTANCE AUX MALADIES**  
[72] SHIRAIISHI, TOMONORI, JP  
[72] MATSUMOTO, MASAYOSHI, JP  
[72] OGAWA, KENICHI, JP  
[73] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP  
[85] 2008-08-07  
[86] 2007-02-08 (PCT/JP2007/052216)  
[87] (WO2007/091634)  
[30] JP (2006-032895) 2006-02-09

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[13] C

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[25] EN  
[54] **PHARMACEUTICAL PRODUCT FOR INTRAORAL DELIVERY OF NICOTINE COMPRISING TROMETAMOL AS BUFFERING AGENT**  
[54] **PRODUIT PHARMACEUTIQUE DESTINE A UNE ADMINISTRATION INTRABUCCALE DE NICOTINE COMPRENANT DU TROMETAMOL SERVANT D'AGENT TAMPON**  
[72] STEEN, PER, SE  
[72] DYMITROWICZ, DAREK, SE  
[72] HUGERTH, ANDREAS, SE  
[72] WALTERMO, ASA, SE  
[72] PALSSON, MAGNUS, SE  
[72] OLSSON, ROLAND, SE  
[72] NICKLASSON, FREDRIK, SE  
[72] SCHLUTER, ANETTE, SE  
[72] THYRESSON, KRISTINA, SE  
[72] MODY, SEEMA K., US  
[72] BOSSON, BENGT, SE  
[72] LINDELL, KATARINA, SE  
[73] MCNEIL AB, SE  
[85] 2008-11-12  
[86] 2007-04-18 (PCT/SE2007/000364)  
[87] (WO2007/133140)  
[30] SE (0601089-6) 2006-05-16

[11] **2,653,067**  
[13] C

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[25] FR  
[54] **FAIRING FOR A PYLON VIA WHICH A TURBINE ENGINE IS SUSPENDED FROM A WING OF AN AIRCRAFT**  
[54] **CARENAGE POUR MAT DE SUSPENSION D'UN TURBOMOTEUR A UNE AILE D'AERONEF**  
[72] PORTE, ALAIN, FR  
[73] AIRBUS OPERATIONS SAS, FR  
[85] 2008-11-21  
[86] 2007-06-18 (PCT/FR2007/001009)  
[87] (WO2007/147965)  
[30] FR (06 05448) 2006-06-20

[11] **2,653,184**  
[13] C

- [51] **Int.Cl. A61M 1/10 (2006.01) A61M 1/12 (2006.01)**  
[25] FR  
[54] **DEVICE FOR RAPID CONNECTION BETWEEN A TOTALLY IMPLANTABLE HEART PROSTHESIS AND NATURAL AURICLES**  
[54] **DISPOSITIF DE CONNEXION RAPIDE ENTRE UNE PROTHESE CARDIAQUE TOTALEMENT IMPLANTABLE ET DES OREILLETES NATURELLES**  
[72] PARQUET, JEAN-MARC, FR  
[72] CARPENTIER, ALAIN, FR  
[73] CARMAT, FR  
[85] 2008-11-24  
[86] 2007-06-11 (PCT/FR2007/000959)  
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[30] FR (0605331) 2006-06-15

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[13] C

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[25] EN  
[54] **A BED MATTRESS HAVING MOTORIZED PIVOTING DEVICE**  
[54] **MATELAS DE LIT A DISPOSITIF DE PIVOTEMENT MOTORISE**  
[72] BOCK, KLAUS, DE  
[73] HERMANN BOCK GMBH, DE  
[85] 2008-11-25  
[86] 2007-05-08 (PCT/EP2007/004032)  
[87] (WO2007/137678)  
[30] DE (20 2006 008 523.8) 2006-05-26  
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[51] **Int.Cl. B65D 41/10 (2006.01) B65D 41/04 (2006.01) B65D 47/08 (2006.01)**  
[25] EN  
[54] **CLOSURE SYSTEM WITH ORIENTATION AND REMOVAL CAPABILITY**  
[54] **SYSTEME DE FERMETURE PRESENTANT UNE CAPACITE D'ORIENTATION ET D'ENLEVEMENT**  
[72] MIOTA, MARGARET M., US  
[72] HICKOK, ALAN P., US  
[73] SEAQUIST CLOSURES FOREIGN, INC., US  
[85] 2008-12-08  
[86] 2007-05-21 (PCT/US2007/012090)  
[87] (WO2007/145781)  
[30] US (11/450,531) 2006-06-09

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[13] C

[51] **Int.Cl. B23B 29/02 (2006.01) B23B 29/00 (2006.01) B23C 5/10 (2006.01)**  
[25] EN  
[54] **CONTAINER ADAPTED TO BE INSERTED IN A TOOL HOLDER, A TOOL HOLDER AND A SYSTEM**  
[54] **CONTENANT ADAPTE POUR ETRE INTRODUIT DANS UN PORTE-OUTIL, PORTE-OUTIL ET SYSTEME**  
[72] DIGERNES, ANDERS, NO  
[72] SKJELLNES, AUDUN, NO  
[72] RISSTAD, OLAV, NO  
[72] JENSEN, THOMAS, NO  
[72] SUNDSETH, EINAR, NO  
[72] STOKLAND, KNUT S., NO  
[73] TEENESS ASA, NO  
[85] 2008-12-09  
[86] 2006-11-01 (PCT/NO2006/000394)  
[87] (WO2008/002145)  
[30] NO (2006 2999) 2006-06-28

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[25] EN  
[54] **GOLF CLUBS AND GOLF CLUB HEADS**  
[54] **CLUBS DE GOLF ET TETES DE CLUBS DE GOLF**  
[72] BOYD, ROBERT, US  
[72] TAVARES, GARY G., US  
[72] STITES, JOHN T., US  
[73] NIKE INTERNATIONAL LTD., US  
[85] 2008-12-15  
[86] 2007-06-22 (PCT/US2007/014540)  
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[30] US (11/425,737) 2006-06-22

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[51] **Int.Cl. G10L 19/00 (2013.01) G10L 19/032 (2013.01) G10L 19/08 (2013.01)**  
[25] EN  
[54] **AUDIO ENCODER, AUDIO DECODER AND AUDIO PROCESSOR HAVING A DYNAMICALLY VARIABLE WARPING CHARACTERISTIC**  
[54] **CODEUR AUDIO, DECODEUR AUDIO ET PROCESSEUR AUDIO COMPRENANT UNE CARACTERISTIQUE DE PREDICTION VARIABLE DYNAMIQUE**  
[72] HERRE, JUERGEN, DE  
[72] GRILL, BERNHARD, DE  
[72] MULTRUS, MARKUS, DE  
[72] BAYER, STEFAN, AT  
[72] KRAEMER, ULRICH, DE  
[72] HIRSCHFELD, JENS, DE  
[72] WABNIK, STEFAN, DE  
[72] SCHULLER, GERALD, DE  
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2008-12-29  
[86] 2007-05-16 (PCT/EP2007/004401)  
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[30] US (11/428,297) 2006-06-30  
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[54] **POWER GENERATION SYSTEM FOR AN AIRCRAFT USING A FUEL CELL**  
[54] **SYSTEME DE GENERATION DE PUISSANCE POUR AERONEF UTILISANT UNE PILE A COMBUSTIBLE**  
[72] MARCONI, PATRICK, FR  
[73] TURBOMECA, FR  
[85] 2008-12-29  
[86] 2007-06-26 (PCT/FR2007/051528)  
[87] (WO2008/001006)  
[30] FR (0652660) 2006-06-27

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[13] C

[51] **Int.Cl. B29C 70/46 (2006.01) B29C 70/44 (2006.01) B64C 1/14 (2006.01)**  
[25] EN  
[54] **IMPROVED COMPOSITE RESIN WINDOW FRAME CONSTRUCTIONS FOR AIRPLANES**  
[54] **CONSTRUCTIONS AMELIOREES DE CADRES DE HUBLOT EN RESINE COMPOSITE DESTINEES A DES AVIONS**  
[72] BAGGETTE, PHILLIP D., US  
[72] BRIGMAN, RICHARD W., US  
[72] DOPKER, BERNHARD, US  
[72] JOHNSON, ROBERT W., US  
[72] SANDYS, JEFFERY P., US  
[73] THE BOEING COMPANY, US  
[85] 2008-12-24  
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[13] C

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[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING CORED WIRE**  
[54] **PROCEDE ET APPAREIL DE REALISATION D'UN FIL FOURRE**  
[72] KARNES, DONAVAN, US  
[72] MONNIN, PHILIP V., US  
[73] REVWIRES LLC, US  
[85] 2009-01-06  
[86] 2007-07-06 (PCT/US2007/072936)  
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[25] EN  
[54] **PROCESS FOR PRODUCTION OF FATTY ACIDS, FATTY ACID ESTERS AND STEROLESTERS FROM SOAPSTOCK**  
[54] **PROCEDE DE PRODUCTION D'ACIDES GRAS, D'ESTERS D'ACIDES GRAS ET DE STEROLESTERS A PARTIR DE PATES DE NEUTRALISATION**  
[72] KEMPERS, PETER, DE  
[72] SCHOERKEN, ULRICH, DE  
[72] WOLF, THOMAS, DE  
[72] SATO, SETSUO, BR  
[72] BUENO DE ALMEIDA, WANDERSON, BR  
[72] SILVA BIZZARRI, PABLO, BR  
[72] SHIGUERU ARAUJO, ALEXSSANDER, BR  
[73] COGNIS IP MANAGEMENT GMBH, DE  
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[25] EN  
[54] **METHOD FOR FLOW CONTROL AND AUTONOMOUS VALVE OR FLOW CONTROL DEVICE**  
[54] **PROCEDE DE REGULATION DE FLUX ET SOUPAPE AUTONOME OU DISPOSITIF DE REGULATION DE FLUX**  
[72] AAKRE, HAAVARD, NO  
[72] MATHIESEN, VIDAR, NO  
[73] STATOIL ASA, NO  
[85] 2009-01-06  
[86] 2007-06-13 (PCT/NO2007/000204)  
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[13] C

[51] **Int.Cl. A45C 11/00 (2006.01)**  
[25] EN  
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[54] **EMBALLAGE POUR LENTILLES DE CONTACT COMPRENANT UN RECEPTACLE A CAPUCHON A VIS**  
[72] TOKARSKI, MICHAEL G., US  
[72] PECK, JAMES, US  
[72] DZWILL, EDWARD A., US  
[72] BROCK, GEORGE, US  
[72] SCHULTE, MICHAEL D., US  
[72] COLEMAN, RONALD K., US  
[72] DAVIS, JAMES R., US  
[73] JOHNSON & JOHNSON VISION CARE, INC., US  
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[54] **ENCADREMENT DE PORTE POUR AERONEF**  
[72] LARCHER, DAVID, FR  
[73] AIRBUS OPERATIONS SAS, FR  
[85] 2009-01-19  
[86] 2007-07-26 (PCT/FR2007/051735)  
[87] (WO2008/015360)  
[30] FR (0653233) 2006-08-01

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[13] C

[51] **Int.Cl. A61K 31/454 (2006.01) A61K 39/395 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **USE OF 3-(4-AMINO-1-OXO-1,3-DIHYDRO-ISOINDOL-2-YL)-PIPERIDINE-2,6-DIONE FOR THE TREATMENT OF MANTLE CELL LYMPHOMAS**  
[54] **PROCEDES UTILISANT LA 3-(4-AMINO-1-OXO-1,3-DIHYDRO-ISOINDOL-2-YL)-PIPERIDINE-2,6-DIONE POUR LE TRAITEMENT DES LYMPHOMES A CELLULES DU MANTEAU**  
[72] ZELDIS, JEROME B., US  
[73] CELGENE CORPORATION, US  
[85] 2009-02-02  
[86] 2007-08-02 (PCT/US2007/017343)  
[87] (WO2008/019065)  
[30] US (60/835,752) 2006-08-03

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[13] C

[51] **Int.Cl. B62D 55/04 (2006.01) B62D 11/24 (2006.01)**  
[25] EN  
[54] **ADAPTABLE VEHICLE HAVING INTERCHANGEABLE TRACKS AND WHEELS**  
[54] **VEHICULE ADAPTABLE COMPORTANT DES CHENILLES ET DES ROUES INTERCHANGEABLES**  
[72] BERNARD, PIERRE, CA  
[72] GAUDREAU, GUY, CA  
[73] RPM TECH INC., CA  
[85] 2009-02-05  
[86] 2007-08-28 (PCT/CA2007/001510)  
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[13] C

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[25] EN  
[54] **INTERMEDIATE PRODUCT FOR USE IN THE PRODUCTION OF ABRADING OR CUTTING TOOLS**  
[54] **PRODUIT INTERMEDIAIRE S'UTILISANT POUR LA FABRICATION D'OUTILS D'ABRASION OU DE COUPE**  
[72] SHERIDAN, CEDRIC, LU  
[73] SHERIDAN, CEDRIC, LU  
[85] 2009-02-13  
[86] 2007-08-31 (PCT/EP2007/059103)  
[87] (WO2008/025838)  
[30] EP (06119978.2) 2006-09-01  
[30] EP (06124110.5) 2006-11-15

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[13] C

[51] **Int.Cl. G09G 5/373 (2006.01) G06F 13/28 (2006.01)**  
[25] EN  
[54] **VIDEO MULTIVIEWER SYSTEM WITH SERIAL DIGITAL INTERFACE AND RELATED METHODS**  
[54] **SYSTEME VIDEO A SPECTATEURS MULTIPLES AVEC INTERFACE NUMERIQUE SERIE, ET METHODES CONNEXES**  
[72] KOMOROWSKI, MARCIN ANDRZEJ, CA  
[72] CAMER, CRISTIAN, CA  
[72] SINGH, ANTHONY, CA  
[73] HARRIS CORPORATION, US  
[86] (2661771)  
[87] (2661771)  
[22] 2009-04-08  
[30] US (12/100,169) 2008-04-09

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[51] **Int.Cl. B66D 1/12 (2006.01) B66C 13/22 (2006.01) B66C 13/40 (2006.01) B66D 1/14 (2006.01)**  
[25] EN  
[54] **HOISTING WINCH FOR ELEVATING EQUIPMENT**  
[54] **TREUIL DE LEVAGE D'EQUIPEMENT**  
[72] GRANER, KLAUS, DE  
[72] FENKER, OLIVER, DE  
[72] LIS, JOHANN, DE  
[72] MUENST, THOMAS, DE  
[73] LIEBHERR-COMPONENTS BIBERACH GMBH, DE  
[86] (2661774)  
[87] (2661774)  
[22] 2009-04-07  
[30] DE (20 2008 004 985.7) 2008-04-10

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[51] **Int.Cl. G05B 13/04 (2006.01) G05B 17/02 (2006.01) G05B 23/02 (2006.01)**  
[25] EN  
[54] **MODEL PREDICTIVE CONTROLLER SOLUTION ANALYSIS PROCESS**  
[54] **PROCEDE D'ANALYSE DE LA SOLUTION ISSUE D'UN MODULE DE COMMANDE PREDICTIVE PAR MODELE**  
[72] PETERSON, TOD J., US  
[72] PUNURU, ADI R., US  
[72] EMIGHOLZ, KENNETH F., US  
[72] WANG, ROBERT K., US  
[72] BARRETT-PAYTON, DAVE, US  
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2009-03-17  
[86] 2007-09-19 (PCT/US2007/020332)  
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[30] US (11/525,221) 2006-09-22

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[51] **Int.Cl. E01C 23/00 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR REMOVING OBSTRUCTIONS FROM A WORKSITE**  
[54] **APPAREIL DE DEBLAIEMENT DE CHANTIER**  
[72] BELLER, LARRY D., US  
[72] MAJOR, RONALD L., US  
[73] CONSTRUCTION TECHNOLOGY, INC., D/B/A IRON WOLF, US  
[86] (2663718)  
[87] (2663718)  
[22] 2009-04-22  
[30] US (12/113,542) 2008-05-01

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[51] **Int.Cl. H01R 13/6461 (2011.01) H01R 13/40 (2006.01) H01R 24/00 (2011.01)**  
[25] EN  
[54] **DIELECTRIC INSERT ASSEMBLY FOR A COMMUNICATION CONNECTOR TO OPTIMIZE CROSSTALK**  
[54] **ENSEMBLE INSERT DIELECTRIQUE POUR CONNECTEUR DE COMMUNICATIONS CONCU POUR OPTIMISER LA DIAPHONIE**  
[72] ABUGHAZALEH, SHADI, US  
[72] DUPUIS, JOSEPH, US  
[72] KHAN, NAVED, US  
[72] O'CONNOR, DOUGLAS, US  
[73] HUBBELL INCORPORATED, US  
[85] 2009-03-23  
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[30] US (11/525,218) 2006-09-22

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[25] EN

[54] **CPG OLIGONUCLEOTIDE ANALOGS CONTAINING HYDROPHOBIC T ANALOGS WITH ENHANCED IMMUNOSTIMULATORY ACTIVITY**

[54] **ANALOGUES OLIGONUCLEOTIDIQUES DE CPG CONTENANT DES ANALOGUES T HYDROPHOBES AYANT UNE ACTIVITE IMMUNOSTIMULANTE AMELIOREE**

[72] DEBELAK, HARALD, DE  
[72] UHLMANN, EUGEN, DE  
[72] JURK, MARION, DE  
[73] COLEY PHARMACEUTICAL GMBH, DE

[85] 2009-03-23  
[86] 2007-09-27 (PCT/IB2007/004389)  
[87] (WO2008/068638)  
[30] US (60/847,811) 2006-09-27

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[13] C

[51] **Int.Cl. H04L 27/26 (2006.01) H04L 5/02 (2006.01)**

[25] EN

[54] **GUARD INDEPENDENT SIGNAL MAPPING**

[54] **MAPPAGE DE SIGNAUX INDEPENDANT D'UNE BANDE PASSANTE DE GARDE**

[72] PALANKI, RAVI, US  
[72] WANG, MICHAEL MAO, US  
[73] QUALCOMM INCORPORATED, US

[85] 2009-03-25  
[86] 2007-10-23 (PCT/US2007/082278)  
[87] (WO2008/052001)  
[30] US (60/862,687) 2006-10-24

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[25] EN

[54] **ORGANIC MATERIAL PRODUCTION SYSTEM USING BIOMASS MATERIAL AND METHOD**

[54] **SYSTEME DE PRODUCTION DE MATIERES ORGANIQUES UTILISANT LA BIOMASSE ET METHODE CONNEXE**

[72] GENTA, MINORU, JP  
[72] UEHARA, RYOSUKE, JP  
[72] TERAOKA, SEIICHI, JP  
[72] FUJITA, KINYA, JP  
[73] MITSUBISHI HEAVY INDUSTRIES MECHATRONICS SYSTEMS, LTD., JP

[85] 2009-03-09  
[86] 2008-10-02 (PCT/JP2008/067961)  
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[51] **Int.Cl. C04B 41/53 (2006.01)**

[25] EN

[54] **BUILDING MATERIAL AND METHOD FOR MANUFACTURING THEREOF**

[54] **MATERIAU DE CONSTRUCTION ET SA METHODE DE FABRICATION**

[72] KAWAKAMI, MAKOTO, JP  
[72] SAWADA, KOJI, JP  
[72] HIBINO, YOSHINORI, JP  
[73] NICHIIHA CORPORATION, JP

[86] (2666855)  
[87] (2666855)  
[22] 2009-05-26  
[30] JP (JP2008-141803) 2008-05-30  
[30] JP (JP2008-141809) 2008-05-30

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[13] C

[51] **Int.Cl. H04L 25/03 (2006.01) H04B 7/04 (2006.01)**

[25] EN

[54] **MIMO DETECTION WITH INTERFERENCE CANCELLATION OF ON-TIME SIGNAL COMPONENTS**

[54] **DETECTION MIMO AVEC SUPPRESSION D'INTERFERENCES SUR LES COMPOSANTES DE SIGNAL TEMPORELLES**

[72] FERNANDEZ-CORBATON, IVAN JESUS, US  
[72] BLANZ, JOSEF J., US  
[72] JOETTEN, CHRISTOP ARNOLD, US  
[73] QUALCOMM INCORPORATED, US

[85] 2009-04-23  
[86] 2007-11-05 (PCT/US2007/083659)  
[87] (WO2008/070377)  
[30] US (60/864,557) 2006-11-06

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[13] C

[51] **Int.Cl. C07D 305/14 (2006.01) A61K 31/337 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **PROCESS FOR MAKING CRYSTALLINE ANHYDROUS DOCETAXEL**

[54] **PROCEDE SERVANT A FABRIQUER DU DOCETAXEL ANHYDRE CRISTALLIN**

[72] LIAO, YUAN-XIU, TW  
[72] HO, MENG-FEN, TW  
[72] CHEN, SHU-PING, TW  
[72] LIN, CHIA-NING, TW  
[72] LIN, YU-LI, TW  
[72] HSIAO, TSUNG-YU, TW  
[73] SCINOPHARM SINGAPORE PTE, LTD., SG

[85] 2009-04-17  
[86] 2007-10-19 (PCT/US2007/022309)  
[87] (WO2008/051465)  
[30] US (60/853,341) 2006-10-20

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[13] C

[51] **Int.Cl. A61F 2/16 (2006.01)**  
[25] EN  
[54] **INTRAOCULAR LENS DELIVERY SYSTEM WITH TEMPERATURE CONTROL**  
[54] **SYSTEME DE DELIVRANCE DE LENTILLE INTRAOCULAIRE AVEC CONTROLE DE TEMPERATURE**  
[72] BOUKHNY, MIKHAIL, US  
[72] CHON, JAMES, US  
[72] DOWNER, DAVID, US  
[72] VANNOY, STEPHEN J., US  
[73] ALCON, INC., CH  
[85] 2009-04-22  
[86] 2007-10-23 (PCT/US2007/082195)  
[87] (WO2008/105965)  
[30] US (11/584,996) 2006-10-23

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[13] C

[51] **Int.Cl. B01D 17/038 (2006.01) B04B 5/10 (2006.01) C10G 33/06 (2006.01)**  
[25] EN  
[54] **A METHOD AND DEVICE FOR SEPARATION OF A LIQUID FLUID BY CENTRIFUGAL SEPARATION AND EVAPORATION**  
[54] **PROCEDE ET DISPOSITIF DE SEPARATION D'UN FLUIDE LIQUIDE PAR SEPARATION CENTRIFUGE ET EVAPORATION**  
[72] CARLSSON, CLAES-GOERAN, SE  
[72] BORGSTROEM, LEONARD, SE  
[72] HAEGGMARK, CARL, SE  
[72] MOBERG, HANS, SE  
[72] SKOOG, JAN, SE  
[73] ALFA LAVAL CORPORATE AB, SE  
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[54] **COMBINATION THERAPY OF SUBSTITUTED OXAZOLIDINONES**  
[54] **THERAPIE COMBINATOIRE A BASE D'OXAZOLIDINONE SUBSTITUEE**  
[72] PERZBORN, ELISABETH, DE  
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE  
[85] 2009-04-29  
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[25] EN  
[54] **DATA HUB SERVER**  
[54] **SERVEUR DE CONCENTRATEUR DE DONNEES**  
[72] RUNSTEDLER, CHRISTOPHER, CA  
[72] JAIN, ROHIT, CA  
[72] FAHMY, SAMER, CA  
[72] HARDY, MICHAEL, CA  
[73] BLACKBERRY LIMITED, CA  
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[54] **AVERTISSEUR DE PRESSION POUR MACHINE DE VITRECTOMIE PNEUMATIQUE**  
[72] OLIVERA, ARGELIO, US  
[72] HOPKINS, MARK A., US  
[72] TURNER, DENIS P., US  
[73] ALCON, INC., CH  
[85] 2009-06-04  
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[54] **PORTABLE TERMINAL AND PISTOL GRIP SLED WITH OPTIMIZED SCAN ANGLE**  
[54] **TERMINAL PORTATIF ET POIGNET-PISTOLET A GLISSIERE AVEC ANGLE DE BALAYAGE OPTIMISE**  
[72] BOYD, BARRY, CA  
[73] PSION INC., CA  
[86] (2673217)  
[87] (2673217)  
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[25] EN  
[54] **AN INSULINOTROPIC COMPLEX USING AN IMMUNOGLOBULIN FRAGMENT**  
[54] **COMPLEXE INSULINOTROPIQUE CONTENANT UN FRAGMENT D'IMMUNOGLOBULINE**  
[72] SONG, DAE HAE, KR  
[72] LIM, CHANG KI, KR  
[72] SONG, TAE HUN, KR  
[72] KIM, YOUNG HOON, KR  
[72] KWON, SE CHANG, KR  
[72] LEE, GWAN SUN, KR  
[72] JUNG, SUNG YOUB, KR  
[72] CHOI, IN YOUNG, KR  
[73] HANMI SCIENCE CO., LTD., KR  
[85] 2009-07-02  
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[25] EN  
[54] **A METHOD FOR DIAGNOSING DISEASE USING ADENOVIRUS HARBORING TRANS-SPLICING RIBOZYME BY MOLECULAR IMAGING**  
[54] **PROCEDE POUR DIAGNOSTIQUER UNE MALADIE PAR IMAGERIE MOLECULAIRE A L'AIDE D'UN ADENOVIRUS CONTENANT UN RIBOZYME DE TRANSEPISSAGE**  
[72] KIM, IN-HOO, KR  
[72] LEE, SEONG-WOOK, KR  
[72] HONG, SEUNG-HEE, KR  
[72] JEONG, JIN-SOOK, KR  
[72] LEE, YOON-JONG, KR  
[72] LEE, YEON-SU, KR  
[72] JUNG, HAENG-IM, KR  
[73] NATIONAL CANCER CENTER, KR  
[85] 2009-07-10  
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[54] **SOLVING PANA BOOTSTRAPPING TIMING PROBLEM**  
[54] **SOLUTION DU PROBLEME D'HORLOGE DE L'AMORCAGE PANA**  
[72] OBA, YOSHIHIRO, US  
[72] LOPEZ, RAFAEL MARIN, ES  
[73] KABUSHIKI KAISHA TOSHIBA, JP  
[73] TELCORDIA TECHNOLOGIES, INC., US  
[85] 2009-07-17  
[86] 2008-01-17 (PCT/US2008/000622)  
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[25] EN  
[54] **ORAL CARE IMPLEMENT HOUSING AN ORAL CARE AGENT**  
[54] **INSTRUMENT D'HYGIENE BUCCODENTAIRE CONTENANT UN AGENT D'HYGIENE BUCCODENTAIRE**  
[72] GATZEMEYER, JOHN J., US  
[72] RUSSELL, BRUCE M., US  
[72] WAGUESPACK, KENNETH, US  
[72] BOYD, THOMAS J., US  
[73] COLGATE-PALMOLIVE COMPANY, US  
[85] 2009-07-23  
[86] 2008-01-23 (PCT/US2008/051776)  
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[25] EN  
[54] **PROCESS FOR THE OXIDATION OF CERTAIN SUBSTITUTED SULFILIMINES TO INSECTICIDAL SULFOXIMINES**  
[54] **PROCEDE D'OXYDATION DE CERTAINES SULFYLIMINES SUBSTITUEES EN SULFOXIMINES INSECTICIDES**  
[72] ARNDT, KIM E., US  
[72] BLAND, DOUGLAS C., US  
[72] PODHOREZ, DAVID E., US  
[72] MCCONNELL, JAMES R., US  
[73] DOW AGROSCIENCES LLC, US  
[85] 2009-07-24  
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[54] **STABILITY CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE DE STABILITE**  
[72] BEKOSCKE, ROBERT, US  
[72] JURKIEWICZ, DAMON, US  
[72] FOUGHT, GERALD, US  
[73] INVACARE CORPORATION, US  
[85] 2009-07-27  
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[25] EN  
[54] **TREATED CARBONACEOUS ELECTRODE ACTIVE MATERIAL AND METHOD OF MANUFACTURING THE MATERIAL**  
[54] **MATIERE ACTIVE D'ELECTRODE AU CARBONE TRAITEE ET METHODE DE FABRICATION DE LADITE MATIERE**  
[72] MORISHIMA, RYUTA, JP  
[72] KURODA, AKIRA, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[85] 2009-09-04  
[86] 2008-03-21 (PCT/JP2008/055992)  
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[25] EN

[54] **TEST DATA CREATION AND EXECUTION SYSTEM FOR SERVICE ORIENTED ARCHITECTURE**

[54] **SYSTEME DE CREATION ET D'EXECUTION DE DONNEES D'ESSAI POUR UNE ARCHITECTURE AXEE SUR LES SERVICES**

[72] OTTAVI, ADRIANO, IT

[72] CAPPILLI, STEFANO, IT

[72] MONTANARI, ALBERTO, IT

[73] ACCENTURE GLOBAL SERVICES LIMITED, IE

[86] (2681289)

[87] (2681289)

[22] 2009-09-30

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[25] EN

[54] **PLASTIC PALLET WITH SLEEVED REINFORCING RODS AND ASSOCIATED METHOD FOR MAKING THE SAME**

[54] **PALETTE EN PLASTIQUE AVEC TIGES DE RENFORT CHEMISEES ET PROCEDE ASSOCIE POUR FABRIQUER CELLE-CI**

[72] NAIDU, VISHNU, US

[72] BRANDT, KEN, US

[73] CHEP TECHNOLOGY PTY LIMITED, AU

[85] 2009-09-29

[86] 2008-03-28 (PCT/US2008/058664)

[87] (WO2008/121823)

[30] US (60/909,094) 2007-03-30

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[51] **Int.Cl. C08L 27/12 (2006.01) C08K 3/04 (2006.01) C08K 5/14 (2006.01)**

[25] EN

[54] **FLUOROELASTOMER COMPOSITION FOR COLD SHRINK ARTICLES**

[54] **COMPOSITION FLUOROELASTOMERE POUR ARTICLES RETRECISSEABLES A FROID**

[72] BANDYOPADHYAY, PRADIP K., US

[73] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2009-10-05

[86] 2008-03-19 (PCT/US2008/057409)

[87] (WO2008/124260)

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[25] EN

[54] **HAIR DYEING OR BLEACHING METHOD**

[54] **PROCEDE DE COLORATION OU DE DECOLORATION DES CHEVEUX**

[72] FUJINUMA, HIROYUKI, JP

[72] OKADA, KAZUHIRO, JP

[72] KOSHIKA, TOMOHITO, JP

[72] YAMAMOTO, MITSUHIKO, JP

[73] KAO CORPORATION, JP

[85] 2009-10-06

[86] 2008-04-25 (PCT/JP2008/058125)

[87] (WO2008/136433)

[30] JP (2007-120361) 2007-04-27

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[13] C

[51] **Int.Cl. H02K 5/04 (2006.01) H02K 1/06 (2006.01)**

[25] EN

[54] **END COVER AND EXTERNAL ROTOR MOTOR USING THE SAME**

[54] **FLASQUE LATERAL ET MOTEUR A ROTOR EXTERNE Y FAISANT APPEL**

[72] LU, CHUPING, CN

[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN

[86] (2683297)

[72] (2683297)

[22] 2009-10-22

[30] CN (200820202461.7) 2008-10-23

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[51] **Int.Cl. F16L 55/44 (2006.01) G01M 99/00 (2011.01) G01N 29/24 (2006.01) G01N 29/28 (2006.01)**

[25] EN

[54] **BOILER TUBE INSPECTION PROBE WITH CENTERING MECHANISM AND METHOD OF OPERATING THE SAME**

[54] **SONDE D'INSPECTION DE TUBE DE CHAUDIERE POURVUE D'UN MECANISME DE CENTRAGE ET SON PROCEDE DE FONCTIONNEMENT**

[72] MOSER, ROLAND R., CH

[72] BRIGNAC, JACQUES L., US

[73] ALSTOM TECHNOLOGY LTD, CH

[85] 2009-11-05

[86] 2008-05-13 (PCT/US2008/063500)

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[25] EN

[54] **ORAL CARE COMPOSITION TO REDUCE OR ELIMINATE DENTAL SENSITIVITY**

[54] **COMPOSITION DE SOINS BUCCAUX DESTINEE A REDUIRE OU A ELIMINER LA SENSIBILITE DENTAIRE**

[72] ZAIDEL, LYNETTE, US  
[72] CHOPRA, SUMAN K., US  
[72] PRENCIPE, MICHAEL, US  
[72] WANG, QIN, US  
[72] CHRISTOPOULOU, CONSTANTINA, US

[73] COLGATE-PALMOLIVE COMPANY, US

[85] 2009-10-29  
[86] 2008-04-30 (PCT/US2008/061925)  
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[30] US (11/742,039) 2007-04-30  
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[51] **Int.Cl. F04B 49/24 (2006.01) F04B 53/10 (2006.01)**

[25] EN

[54] **POSITIVE DISPLACEMENT PUMP COMPRISING AN EXTERNALLY ASSISTED VALVE**

[54] **POMPE VOLUMETRIQUE COMPRENANT UNE SOUPEPE A ASSISTANCE EXTERNE**

[72] WAGO, TOSHIMICHI, US  
[72] GAMBIER, PHILIPPE, US  
[72] PESSIN, JEAN-LOUIS, US  
[72] LUHARUKA, RAJESH, US  
[73] SCHLUMBERGER CANADA LIMITED, CA

[85] 2009-11-06  
[86] 2008-05-02 (PCT/IB2008/051707)  
[87] (WO2008/139349)  
[30] US (60/917,366) 2007-05-11  
[30] US (60/985,874) 2007-11-06  
[30] US (12/113,488) 2008-05-01

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[51] **Int.Cl. H04B 7/26 (2006.01) H04B 17/00 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING CONTROL CHANNELS BY RESTRICTING A SET OF THE CONTROL CHANNELS IN A WIRELESS COMMUNICATION SYSTEM**

[54] **PROCEDE ET APPAREIL DE TRANSMISSION ET DE RECEPTION DE CANAUX DE COMMANDE PAR LA LIMITATION D'UN ENSEMBLE DES CANAUX DE COMMANDE DANS UN SYSTEME DE COMMUNICATION SANS FIL**

[72] KWAK, YONG-JUN, KR  
[72] KWON, HWAN-JOON, KR  
[72] CHO, JOON-YOUNG, KR  
[72] LEE, JU-HO, KR  
[72] HAN, JIN-KYU, KR  
[72] HEO, YOUN-HYOUNG, KR  
[72] WANG, PING, CN  
[73] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2009-11-02  
[86] 2008-05-02 (PCT/KR2008/002507)  
[87] (WO2008/136616)  
[30] KR (10-2007-0042817) 2007-05-02  
[30] KR (10-2007-0079269) 2007-08-07

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[13] C

[51] **Int.Cl. H04L 29/06 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MANAGING MOBILE-TERMINATED (MT) CALLS IN IMS NETWORK ENVIRONMENT USING ALTERNATIVE SIGNALING**

[54] **SYSTEME ET PROCEDE POUR GERER DES APPELS TERMINEES PAR UN MOBILE (MT) DANS UN ENVIRONNEMENT RESEAU IMS AU MOYEN D'UNE SIGNALISATION ALTERNATIVE**

[72] BUCKLEY, ADRIAN, US  
[72] BAKKER, JAN JOHN-LUC, US  
[73] BLACKBERRY LIMITED, CA

[85] 2009-11-27  
[86] 2008-05-26 (PCT/US2008/064822)  
[87] (WO2008/150749)  
[30] US (60/941,322) 2007-06-01  
[30] US (60/942,949) 2007-06-08  
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[13] C

[51] **Int.Cl. H04N 5/76 (2006.01) H04N 5/262 (2006.01)**

[25] EN

[54] **DATA RECORDER**

[54] **DISPOSITIF D'ENREGISTREMENT DE DONNEES**

[72] KATO, MOTOKI, JP  
[72] HAMADA, TOSHIYA, JP  
[73] SONY CORPORATION, JP

[86] (2690242)  
[87] (2690242)  
[22] 2001-11-20  
[62] 2,406,692  
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[13] C

[51] **Int.Cl. H04W 16/10 (2009.01) H04W 28/12 (2009.01)**

[25] EN

[54] **ADAPTIVE TRANSPORT FORMAT UPLINK SIGNALING FOR DATA-NON-ASSOCIATED FEEDBACK CONTROL SIGNALS**

[54] **SIGNALISATION EN LIAISON MONTANTE A FORMAT DE TRANSPORT ADAPTATIF POUR DES SIGNAUX DE COMMANDE DE RETROACTION NON ASSOCIES A DES DONNEES**

[72] PAJUKOSKI, KARI, FI  
[72] RAAF, BERNHARD, DE  
[72] TIROLA, ESA, FI  
[73] NOKIA SIEMENS NETWORKS OY, FI

[85] 2009-12-14  
[86] 2008-06-19 (PCT/EP2008/057742)  
[87] (WO2008/155370)  
[30] US (60/936,377) 2007-06-19

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[13] C

[51] **Int.Cl. E21B 43/27 (2006.01) C09K 8/74 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR SELECTIVELY DISSOLVING SANDSTONE FORMATIONS**  
[54] **PROCEDES ET COMPOSITIONS DE DISSOLUTION SELECTIVE DE FORMATIONS DE GRES**  
[72] COUILLET, ISABELLE, US  
[72] STILL, JOHN W., US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2009-12-21  
[86] 2008-05-19 (PCT/IB2008/051964)  
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[30] US (11/767,579) 2007-06-25

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[13] C

[51] **Int.Cl. C07D 491/04 (2006.01) A61K 31/4741 (2006.01) A61P 25/00 (2006.01)**  
[25] EN  
[54] **CATECHOLAMINE DERIVATIVES AND PRODRUGS THEREOF**  
[54] **DERIVES DE CATECHOLAMINES ET PROMEDICAMENTS A BASE DESDITS DERIVES**  
[72] JOERGENSEN, MORTEN, DK  
[72] BANG-ANDERSEN, BENNY, DK  
[72] PUESCHL, ASK, DK  
[72] MOERK, NIELS, DK  
[72] LARSEN, JENNIFER, DK  
[73] H. LUNDBECK A/S, DK  
[85] 2009-12-30  
[86] 2008-08-28 (PCT/DK2008/050214)  
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[30] DK (PA200701250) 2007-08-31

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[13] C

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[25] EN  
[54] **NUTRITIOUS SNACK PRODUCTS**  
[54] **PRODUITS DE GRIGNOTAGE NUTRITIFS**  
[72] BUNKE, PAUL RALPH, US  
[72] EKANAYAKE, ATHULA, US  
[72] PROSISE, ROBERT LAWRENCE, US  
[72] LIN, PETER YEN-CHIH, US  
[72] DECHERT, GARY JAMES, US  
[72] SCHNUR, SHARON LEE, US  
[73] PRINGLES S.A.R.L., LU  
[85] 2010-01-26  
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[13] C

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[25] EN  
[54] **SPOOL FOR RETAINING WIRE**  
[54] **DEVIDOIR POUR FIL DE RETENUE**  
[72] WEISSBROD, PAUL A., US  
[73] LINCOLN GLOBAL, INC., US  
[85] 2010-02-01  
[86] 2008-10-07 (PCT/IB2008/002648)  
[87] (WO2009/047614)  
[30] US (11/870,774) 2007-10-11

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[13] C

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[25] EN  
[54] **PROTEIN TYROSINE PHOSPHATASE 1B INHIBITOR, PREPARATION METHODS AND USES THEREOF**  
[54] **INHIBITEURS DE LA PROTEINE TYROSINE PHOSPHATASE 1B, PROCEDES DE PREPARATION ET UTILISATIONS ASSOCIEES**  
[72] NAN, FAJUN, CN  
[72] LI, JIA, CN  
[72] WEI, YI, CN  
[72] ZHANG, WEI, CN  
[72] LI, JINGYA, CN  
[72] SHI, LEI, CN  
[73] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN  
[85] 2010-02-11  
[86] 2008-02-26 (PCT/CN2008/000400)  
[87] (WO2008/106860)  
[30] CN (200710037848.1) 2007-03-06



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[13] C

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/498 (2006.01) A61K 31/4985 (2006.01) A61P 25/04 (2006.01) C07D 401/14 (2006.01) C07D 451/04 (2006.01) C07D 451/14 (2006.01) C07D 471/14 (2006.01)**

[25] EN

[54] **SUBSTITUTED-QUINOXALINE-TYPE PIPERIDINE COMPOUNDS AND THE USES THEREOF**

[54] **COMPOSES DE PIPERIDINE DE TYPE QUINOXALINE SUBSTITUEE ET LEURS UTILISATIONS**

[72] GOEHRING, RICHARD R., US

[72] MATSUMURA, AKIRA, JP

[72] SHAO, BIN, US

[72] TAODA, YOSHIYUKI, JP

[72] TSUNO, NAOKI, JP

[72] WHITEHEAD, JOHN WILLIAM FRANK, US

[72] YAO, JIANGCHAO, US

[72] FUCHINO, KOUKI, JP

[73] PURDUE PHARMA L.P., US

[73] SHIONOGI & CO., LTD., JP

[85] 2010-02-19

[86] 2008-08-29 (PCT/IB2008/002291)

[87] (WO2009/027820)

[30] US (60/966,994) 2007-08-31

[30] US (60/989,791) 2007-11-21

[30] US (61/046,364) 2008-04-18

[30] US (61/082,464) 2008-07-21

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[11] **2,697,642**  
[13] C

[51] **Int.Cl. F24D 17/02 (2006.01)**

[25] EN

[54] **SAFETY HEAT EXCHANGER FOR COMBINING A HEAT PUMP WITH A DEVICE OF A PUBLIC DRINKING WATER SUPPLY FACILITY**

[54] **ECHANGEUR THERMIQUE DE SECURITE POUR LA COMBINAISON D'UNE POMPE A CHALEUR AVEC UN DISPOSITIF D'UNE INSTALLATION PUBLIQUE D'ALIMENTATION EN EAU POTABLE**

[72] BULL, DETLEF, DE

[73] VEOLIA EAU - COMPAGNIE GENERALE DES EAUX, FR

[85] 2010-02-24

[86] 2008-08-26 (PCT/DE2008/001403)

[87] (WO2009/026900)

[30] DE (10 2007 040 629.2) 2007-08-27

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[11] **2,698,613**  
[13] C

[51] **Int.Cl. H04L 12/24 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR DETECTING AND HANDLING PEER FAULTS IN PEER-TO-PEER NETWORK**

[54] **PROCEDE ET DISPOSITIF DE DETECTION ET DE TRAITEMENT DE DEFAILLANCE DE NOEUD DANS UN RESEAU POSTE A POSTE**

[72] ZHENG, HEWEN, CN

[73] HUAWAI TECHNOLOGIES CO., LTD., CN

[85] 2010-03-09

[86] 2008-10-21 (PCT/CN2008/072760)

[87] (WO2009/052765)

[30] CN (200710165511.9) 2007-10-26

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[11] **2,698,653**  
[13] C

[51] **Int.Cl. B31F 1/07 (2006.01)**

[25] EN

[54] **METHOD FOR CONVERTING A MULTI-PLY PAPER PRODUCT**

[54] **PROCEDE DE CONVERSION D'UN PRODUIT EN PAPIER MULTICOUCHE**

[72] WEGELE, GEORGE VINCENT, US

[73] THE PROCTER & GAMBLE COMPANY, US

[85] 2010-03-05

[86] 2008-09-04 (PCT/IB2008/053583)

[87] (WO2009/031114)

[30] US (11/899,225) 2007-09-05

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[13] C

[51] **Int.Cl. B65G 1/06 (2006.01) A47B 49/00 (2006.01) A47B 51/00 (2006.01) A47F 1/04 (2006.01) A47F 3/02 (2006.01) A47F 3/08 (2006.01) A47F 3/10 (2006.01) A47F 3/11 (2006.01) A47F 5/025 (2006.01) A47F 10/00 (2006.01) A61J 7/00 (2006.01) B65G 1/12 (2006.01) B65G 1/137 (2006.01) B65G 37/00 (2006.01) G05B 15/00 (2006.01) G07F 11/50 (2006.01)**

[25] EN

[54] **AUTOMATED WILL CALL SYSTEM**

[54] **SYSTEME DE GESTION D'ARTICLES MIS EN DISPONIBILITE**

[72] DENENBERG, DAVID, US

[72] JORDAN, MICHAEL, US

[72] FELLOWS, EUGENE, US

[73] PARATA SYSTEMS, LLC, US

[86] (2699254)

[87] (2699254)

[22] 2000-10-23

[62] 2,324,176

[30] US (60/162,580) 1999-10-29

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[13] C

[51] **Int.Cl. G06F 3/042 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR HOLOGRAPHIC USER INTERFACE COMMUNICATION**

[54] **PROCEDE ET APPAREIL POUR UNE COMMUNICATION D'INTERFACE UTILISATEUR HOLOGRAPHIQUE**

[72] FEIN, GENE S., US

[72] MERRITT, EDWARD, US

[73] GEFEMER RESEARCH ACQUISITIONS, LLC., US

[85] 2010-03-11

[86] 2008-09-18 (PCT/US2008/076834)

[87] (WO2009/039260)

[30] US (11/857,161) 2007-09-18

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[13] C

[51] **Int.Cl. B60G 7/00 (2006.01) B21D 7/00 (2006.01)**  
[25] EN  
[54] **ARM MATERIAL AND A METHOD FOR ITS MANUFACTURE**  
[54] **MATERIAU DE BRAS ET METHODE POUR SA FABRICATION**  
[72] SHIMADA, NAOAKI, JP  
[72] YOSHIDA, MICHITAKA, JP  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2010-04-22  
[86] 2009-10-19 (PCT/JP2009/067979)  
[87] (WO2010/055747)  
[30] JP (2008-289833) 2008-11-12

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[13] C

[51] **Int.Cl. B07B 13/07 (2006.01) B07B 1/14 (2006.01) B07B 13/02 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CLASSIFICATION OF RECYCLED MATERIAL**  
[54] **PROCEDE ET APPAREIL DE CLASSEMENT DE MATIERES RECYCLEES**  
[72] GREEN, JOHN F., US  
[72] MENDRE, PETER, US  
[72] TAYLOR, THOMAS M., US  
[73] JIG IP HOLDINGS, LLC, US  
[86] (2700962)  
[87] (2700962)  
[22] 2010-04-16  
[30] US (60/170,720) 2009-04-20

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[11] **2,702,198**  
[13] C

[51] **Int.Cl. H01H 19/14 (2006.01) A61B 17/32 (2006.01)**  
[25] EN  
[54] **DETECTION CIRCUITRY FOR SURGICAL HANDPIECE SYSTEM**  
[54] **CIRCUITS DE DETECTION POUR SYSTEME DE PIECES A MAIN CHIRURGICAL**  
[72] DONOFRIO, WILLIAM T., US  
[73] ETHICON ENDO-SURGERY, INC., US  
[86] (2702198)  
[87] (2702198)  
[22] 2001-10-17  
[62] 2,359,281  
[30] US (60/241,889) 2000-10-20  
[30] US (09/956,359) 2001-09-18

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[13] C

[51] **Int.Cl. A47C 3/22 (2006.01) A47C 1/024 (2006.01) A47C 1/032 (2006.01) A47C 3/30 (2006.01)**  
[25] EN  
[54] **BODY SUPPORT STRUCTURE**  
[54] **STRUCTURE DE SUPPORT DU CORPS**  
[72] PLIKAT, CLAUDIA, DE  
[72] ZWICK, CAROLA EVA, DE  
[72] ZWICK, ROLAND ROLF, DE  
[72] SCHMITZ, JOHANN BURKHARD, DE  
[72] LAUX, ROBERT FRIEDRICH, DE  
[73] HERMAN MILLER, INC., US  
[85] 2010-03-19  
[86] 2008-09-17 (PCT/US2008/076605)  
[87] (WO2009/039138)  
[30] US (60/994,721) 2007-09-20

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[11] **2,702,158**  
[13] C

[51] **Int.Cl. H01T 13/60 (2011.01) F02P 17/12 (2006.01) H01Q 1/38 (2006.01)**  
[25] EN  
[54] **SPARK PLUG SENSOR PROBE UTILIZING PCB AS AN ANTENNA**  
[54] **SONDE DE CAPTEUR DE BOUGIE D'ALLUMAGE UTILISANT UNE CARTE DE CIRCUIT IMPRIME EN TANT QU'ANTENNE**  
[72] WARREN, GARY, CA  
[72] KRUMM, HERB, CA  
[72] GRILLS, REGINALD C., CA  
[73] FLEXTRONICS AUTOMOTIVE INC., CA  
[85] 2010-04-09  
[86] 2008-10-08 (PCT/IB2008/002661)  
[87] (WO2009/047619)  
[30] US (60/960,653) 2007-10-09  
[30] US (010268.0231PTUS) 2008-10-08

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[11] **2,702,658**  
[13] C

[51] **Int.Cl. C22C 49/10 (2006.01) C22C 29/08 (2006.01) C22C 30/00 (2006.01) E21B 10/46 (2006.01)**  
[25] EN  
[54] **HIGH THERMAL CONDUCTIVITY HARDFACING FOR DRILLING APPLICATIONS**  
[54] **GARNISSAGE A HAUTE CONDUCTIVITE THERMIQUE POUR APPAREILS DE FORAGE**  
[72] SUE, JIJIN ALBERT, US  
[73] REEDHYCALOG, L.P., US  
[86] (2702658)  
[87] (2702658)  
[22] 2010-04-29  
[30] US (12/432,179) 2009-04-29

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[11] **2,700,633**  
[13] C

[51] **Int.Cl. A23L 3/3526 (2006.01)**  
[25] EN  
[54] **USE OF CATIONIC PRESERVATIVE IN FOOD PRODUCTS**  
[54] **AGENTS CONSERVATEURS CATIONIQUES POUR PRODUITS ALIMENTAIRES**  
[72] URGELL BELTRAN, JOAN BAPTISTA, ES  
[72] SEGUER BONAVENTURA, JOAN, ES  
[73] LABORATORIOS MIRET S.A., ES  
[86] (2700633)  
[87] (2700633)  
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[62] 2,464,388

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[13] C

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[25] EN

[54] **LOW MOLECULAR WEIGHT QUATERNARY AMMONIUM SALT DISPERSANTS**

[54] **DISPERSANTS A BASE DE SEL D'AMMONIUM QUATERNAIRE DE FAIBLE POIDS MOLECULAIRE**

[72] GOREDEMA, ADELA, CA  
[72] STRONG, AARON, CA  
[72] ODELL, PETER G., CA  
[72] ALLEN, C. GEOFFREY, CA  
[72] BIRAU, MARIA, CA  
[73] XEROX CORPORATION, US  
[86] (2703444)  
[87] (2703444)  
[22] 2010-05-11  
[30] US (12/467,692) 2009-05-18

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[11] **2,707,233**  
[13] C

[51] **Int.Cl. C08L 101/08 (2006.01) A61K 47/30 (2006.01) A61K 49/00 (2006.01) C08L 53/00 (2006.01) C08L 71/02 (2006.01) C08L 77/04 (2006.01)**

[25] EN

[54] **ORGANIC-INORGANIC HYBRID PARTICLES CONTAINING CONTRAST AGENT**

[54] **PARTICULES HYBRIDES ORGANIQUES-INORGANIQUES CONTENANT UN AGENT DE CONTRASTE**

[72] KATAOKA, KAZUNORI, JP  
[72] KUMAGAI, MICHIAKI, JP  
[72] AIKAWA, KEISUKE, JP  
[73] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP  
[85] 2010-05-27  
[86] 2007-09-04 (PCT/JP2007/067556)  
[87] (WO2008/068939)  
[30] JP (2006-330436) 2006-12-07

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[11] **2,709,400**  
[13] C

[51] **Int.Cl. G11C 7/12 (2006.01)**

[25] EN

[54] **IMPROVING MEMORY READ STABILITY USING SELECTIVE PRECHARGE OF BIT LINE SECTIONS**

[54] **AMELIORATION DE STABILITE DE LECTURE DE MEMOIRE AU MOYEN DE LA PRECHARGESELECTIVE DE SECTIONS DE LIGNE DE BITS**

[72] ABU-RAHMA, MOHAMED H., US  
[72] CHABA, RITU, US  
[72] CHEN, NAN, US  
[72] YOON, SEI SEUNG, US  
[73] QUALCOMM INCORPORATED, US  
[85] 2010-06-14  
[86] 2008-12-15 (PCT/US2008/086829)  
[87] (WO2009/079455)  
[30] US (61/014,038) 2007-12-15  
[30] US (12/334,817) 2008-12-15

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[11] **2,704,438**  
[13] C

[51] **Int.Cl. B60S 1/04 (2006.01)**

[25] EN

[54] **WARNING INDICATOR FOR USE WITH WIPER BLADES, METHOD OF OPERATING THE SAME AND WIPER BLADE WITH A WARNING INDICATOR**

[54] **INDICATEUR POUR BALAIS D'ESSUIE-GLACES, METHODE DE FONCTIONNEMENT ET LESDITS BALAIS EQUIPES D'UN INDICATEUR**

[72] KIM, IN-KYU, KR  
[72] KIM, HONG-NAM, KR  
[72] KIM, TAE-YOUNG, KR  
[73] ADM21 CO., LTD., KR  
[73] KIM, IN-KYU, KR  
[73] ADM TECHNOLOGY CO., LTD., KR  
[86] (2704438)  
[87] (2704438)  
[22] 2010-05-13  
[30] KR (10-2009-0043752) 2009-05-19

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[11] **2,707,273**  
[13] C

[51] **Int.Cl. C08L 67/00 (2006.01) C08J 3/12 (2006.01) C08J 3/20 (2006.01) C08K 5/16 (2006.01) G03G 9/08 (2006.01)**

[25] EN

[54] **SELF EMULSIFYING GRANULES AND SOLVENT FREE PROCESS FOR THE PREPARATION OF EMULSIONS THEREFROM**

[54] **GRANULES AUTOEMULSIFIANTS ET PROCEDE DE PREPARATION D'EMULSIONS CONNEXES SANS SOLVANT**

[72] FAUCHER, SANTIAGO, CA  
[72] CARLINI, RINA, CA  
[72] CHUNG, JOO T., US  
[72] HIGUCHI, FUMII, CA  
[72] QIU, SHIGANG S., CA  
[72] CHEN, ALLAN K., CA  
[72] ZWARTZ, EDWARD G., CA  
[72] HAWKINS, MICHAEL S., CA  
[72] ANDAYA, BRIAN J., US  
[72] LEONARDO, JOSEPH L., US  
[73] XEROX CORPORATION, US  
[86] (2707273)  
[87] (2707273)  
[22] 2010-06-09  
[30] US (12/485,415) 2009-06-16

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[11] **2,711,293**  
[13] C

[51] **Int.Cl. H04L 27/26 (2006.01)**

[25] EN

[54] **METHOD FOR ADJUSTING TRANSMISSION TIMING AND TRANSMITTING CONTINUOUS PACKETS AND MOBILE STATION THEREOF**

[54] **PROCEDE DE REGLAGE DE SYNCHRONISATION DE TRANSMISSION ET DE TRANSMISSION DE PAQUETS EN CONTINU, ET STATION MOBILE ASSOCIEE**

[72] AHN, JOON KUI, KR  
[72] YUN, YOUNG WOO, KR  
[72] KIM, KI JUN, KR  
[72] IHM, BIN CHUL, KR  
[73] LG ELECTRONICS INC., KR  
[85] 2010-06-30  
[86] 2008-12-30 (PCT/KR2008/007796)  
[87] (WO2009/088168)  
[30] KR (10-2008-0003517) 2008-01-11

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[13] C

[51] **Int.Cl. D06F 39/14 (2006.01) D06F 37/28 (2006.01) D06F 58/20 (2006.01) E05D 7/086 (2006.01) E05D 11/08 (2006.01)**

[25] EN

[54] **WASHING MACHINE LID ASSEMBLY**

[54] **ENSEMBLE DE COUVERCLE POUR LAVE-LINGE**

[72] DONGYOON, KIM, KR  
[72] YOUNGBAE, PARK, KR  
[72] SEONGNO, YOON, KR  
[72] KICHUL, CHO, KR  
[72] YOUNGGON, KIM, KR  
[73] LG ELECTRONICS INC., KR  
[86] (2711348)  
[87] (2711348)  
[22] 2010-07-28  
[30] US (61/230,590) 2009-07-31  
[30] KR (10-2009-0071056) 2009-07-31  
[30] KR (10-2009-1019296) 2009-11-12  
[30] KR (10-2009-0109294) 2009-11-12

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[11] **2,711,671**  
[13] C

[51] **Int.Cl. G11C 11/16 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF SELECTIVELY APPLYING NEGATIVE VOLTAGE TO WORDLINES DURING MEMORY DEVICE READ OPERATION**

[54] **SYSTEME ET PROCEDE D'APPLICATION SELECTIVE D'UNE TENSION NEGATIVE A DES LIGNES DE MOTS PENDANT UNE OPERATION DE LECTURE D'UN DISPOSITIF DE MEMOIRE**

[72] YOON, SEI SEUNG, US  
[72] ZHONG, CHENG, US  
[72] PARK, DONGKYU, US  
[72] ABU-RAHMA, MOHAMED H., US  
[73] QUALCOMM INCORPORATED, US  
[85] 2010-07-05  
[86] 2009-01-09 (PCT/US2009/030540)  
[87] (WO2009/089411)  
[30] US (11/972,696) 2008-01-11

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[11] **2,712,909**  
[13] C

[51] **Int.Cl. H01J 49/00 (2006.01) B01D 59/44 (2006.01) H01J 27/20 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR NORMALIZING PERFORMANCE OF AN ELECTRON SOURCE**

[54] **PROCEDE ET APPAREIL POUR NORMALISER LE RENDEMENT D'UNE SOURCE D'ELECTRONS**

[72] QUARMBY, SCOTT T., US  
[72] GUCKENBERGER, GEORGE B., US  
[72] MCCAULEY, EDWARD B., US  
[73] THERMO FINNIGAN LLC, US  
[85] 2010-07-21  
[86] 2009-02-03 (PCT/US2009/032977)  
[87] (WO2009/100073)  
[30] US (12/026,489) 2008-02-05

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[11] **2,711,363**  
[13] C

[51] **Int.Cl. H01F 13/00 (2006.01) H01F 6/00 (2006.01)**

[25] EN

[54] **SUPERCONDUCTING MAGNETIZER**

[54] **APPAREIL DE MAGNETISATION SUPRACONDUCTEUR**

[72] SIVASUBRAMANIAM, KIRUBA, US  
[72] JANSEN, PATRICK LEE, US  
[72] STAUTNER, ERNST WOLFGANG, US  
[73] GENERAL ELECTRIC COMPANY, US  
[86] (2711363)  
[87] (2711363)  
[22] 2010-07-29  
[30] US (12/539,663) 2009-08-12

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[11] **2,712,155**  
[13] C

[51] **Int.Cl. B29D 35/08 (2010.01) A43B 9/18 (2006.01) A43D 86/00 (2006.01)**

[25] EN

[54] **METHOD FOR MAKING SHOES**

[54] **PROCEDE DE FABRICATION DE CHAUSSURES**

[72] MING-TE, CHEN, TW  
[73] MING-TE, CHEN, CA  
[86] (2712155)  
[87] (2712155)  
[22] 2010-08-04  
[30] US (61/233,920) 2009-08-14  
[30] US (12/839,428) 2010-07-20

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[13] C

[51] **Int.Cl. C12P 1/00 (2006.01) C08H 8/00 (2010.01) B01D 11/02 (2006.01) B01J 3/00 (2006.01) B09B 3/00 (2006.01) C12M 1/00 (2006.01) C12M 1/42 (2006.01) C12P 7/02 (2006.01) C12P 7/10 (2006.01) C12P 7/64 (2006.01) C12P 19/00 (2006.01) C12P 21/00 (2006.01) C13K 1/02 (2006.01)**

[25] EN

[54] **ORGANIC MATERIAL PRODUCTION SYSTEM USING BIOMASS MATERIAL AND METHOD**

[54] **SYSTEME ET PROCEDE DE PRODUCTION DE MATIERE PREMIERE ORGANIQUE A PARTIR DE BIOMASSE BRUTE**

[72] GENTA, MINORU, JP  
[72] UEHARA, RYOSUKE, JP  
[72] FUJITA, KINYA, JP  
[72] SAKAKI, TSUYOSHI, JP  
[72] YAMADA, NORIYUKI, JP  
[72] SAITO, KATSUICHI, JP  
[72] HASHIMOTO, NAOTO, JP  
[72] HASA, YASUHIRO, JP  
[73] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP

[73] INCORPORATED ADMINISTRATIVE AGENCY NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION, JP

[73] MITSUBISHI HEAVY INDUSTRIES MECHATRONICS SYSTEMS, LTD., JP

[85] 2010-07-27  
[86] 2008-09-19 (PCT/JP2008/067039)  
[87] (WO2009/096061)  
[30] JP (2008-023185) 2008-02-01

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[11] **2,713,734**  
[13] C

[51] **Int.Cl. C09K 8/80 (2006.01) C04B 38/08 (2006.01) E21B 43/26 (2006.01) C08J 9/00 (2006.01) C08L 25/16 (2006.01) C08L 33/06 (2006.01) E21B 43/22 (2006.01)**

[25] EN

[54] **METHOD OF TREATING SUBTERRANEAN FORMATIONS WITH POROUS CERAMIC PARTICULATE MATERIALS**

[54] **PROCEDE DE TRAITEMENT DE FORMATIONS SOUTERRAINES A L'AIDE DE MATERIAUX PARTICULAIRES DE CERAMIQUE POREUSE**

[72] STEPHENSON, CHRISTOPHER JOHN, US

[72] RICKARDS, ALLAN RAY, US

[72] BRANNON, HAROLD DEAN, US

[72] GUPTA, SATYANARAYANA D. V., US

[72] DI LULLO ARIAS, GINO F., BR

[72] RAE, JAMES PHILIP, SG

[73] BAKER HUGHES INCORPORATED, US

[86] (2713734)  
[87] (2713734)  
[22] 2003-09-02  
[62] 2,497,276  
[30] US (60/407,734) 2002-09-03  
[30] US (60/428,836) 2002-11-25

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[11] **2,713,870**  
[13] C

[51] **Int.Cl. H04B 1/16 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR UPLINK TIMING SYNCHRONIZATION IN CONJUNCTION WITH DISCONTINUOUS RECEPTION**

[54] **SYSTEME ET PROCEDE PERMETTANT DE PROCEDER A UNE SYNCHRONISATION DE LIAISON MONTANTE EN ASSOCIATION AVEC UNE RECEPTION DISCONTINUE**

[72] WOMACK, JAMES EARL, US

[72] CAI, ZHIJUN, US

[72] YU, YI, US

[73] BLACKBERRY LIMITED, CA

[85] 2010-07-30  
[86] 2009-01-30 (PCT/US2009/032591)  
[87] (WO2009/099931)  
[30] US (61/025,485) 2008-02-01

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[11] **2,713,874**  
[13] C

[51] **Int.Cl. B01J 8/02 (2006.01) B01J 8/06 (2006.01)**

[25] EN

[54] **METHOD AND REACTOR FOR THE PREPARATION OF METHANOL**

[54] **PROCEDE ET REACTEUR POUR LA PREPARATION DE METHANOL**

[72] THORHAUGE, MAX, DK

[73] HALDOR TOPSOE A/S, DK

[85] 2010-07-30  
[86] 2009-02-12 (PCT/EP2009/000974)  
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[54] **A METHOD FOR OVER WINTERING ROOT CROPS**

[54] **METHODE DE STOCKAGE EN TERRE DE RECOLTES DE RACINES ET/OU DE TUBERCULES POUR L'HIVER**

[72] STALLAERT, JASON, CA

[72] STALLAERT, KEVIN, CA

[73] KEJAY INVESTMENTS INC., CA

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[54] **MORPHED MUSICAL PIECE GENERATION SYSTEM AND MORPHED MUSICAL PIECE GENERATION PROGRAM**

[54] **SYSTEME DE PRODUCTION DE MORCEAU DE MUSIQUE A MORTHAGE ET PROGRAMME ASSOCIE**

[72] HAMANAKA, MASATOSHI, JP

[73] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP

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[54] **METHOD AND APPARATUS FOR A MULTIPLE FLAVOR BEVERAGE MIXING NOZZLE**

[54] **PROCEDE ET APPAREIL POUR UNE BUSE DE MELANGE DE MULTIPLES BOISSONS AROMATISEES**

[72] SMELLER, DONALD W., US  
[72] ESCAMILLA, SAMUEL, US  
[72] ROBINSON, ROBERT L., US  
[73] LANCER PARTNERSHIP, LTD., US  
[73] THE COCA-COLA COMPANY, US  
[85] 2010-08-11  
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[54] **DATA AGGREGATION FOR DRILLING OPERATIONS**

[54] **REGROUPEMENT DE DONNEES POUR OPERATIONS DE FORAGE**

[72] ZHENG, SHUNFENG, US  
[72] AHORUKOMEYE, MBAGA LOUIS, US  
[72] BELASKIE, JAMES, CN  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2010-08-12  
[86] 2009-02-17 (PCT/US2009/034232)  
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[30] US (61/035,310) 2008-03-10  
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[54] **APPARATUS TO PROVIDE CONTINUOUS POSITIVE AIRWAY PRESSURE**

[54] **APPAREIL SERVANT A FOURNIR UNE PRESSION DES VOIES AERIENNES POSITIVE CONTINUE**

[72] GROLL, DAVID, US  
[73] CIRCADIANCE, LLC, US  
[85] 2010-08-18  
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[25] EN

[54] **AIRCRAFT FILLET FAIRINGS WITH FIXED AND MOVEABLE PORTIONS, AND ASSOCIATED SYSTEMS AND METHODS**

[54] **CARENAGES DE RACCORDEMENT D'AVION AVEC PARTIES FIXE ET MOBILE, ET SYSTEMES ET PROCEDES ASSOCIES**

[72] LACY, DOUGLAS S., US  
[72] BENN, GREGORY S., US  
[72] WHEATON, JAMES M., US  
[72] SANTINI, GREGORY M., US  
[72] SAKURAI, SEIYA, US  
[72] SMITH, LAWRENCE D., US  
[73] THE BOEING COMPANY, US  
[85] 2010-08-20  
[86] 2008-05-09 (PCT/US2008/063326)  
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[25] EN

[54] **FLEXIBLE PACKAGING STRUCTURE WITH BUILT-IN TAMPER-EVIDENCE FEATURES AND METHOD FOR MAKING SAME**

[54] **STRUCTURE DE CONDITIONNEMENT SOUPLE AVEC CARACTERISTIQUES INVOLABLES INCORPOREES ET SON PROCEDE DE FABRICATION**

[72] DAVIS, BENJAMIN, US  
[72] HUFFER, SCOTT WILLIAM, US  
[73] SONOCO DEVELOPMENT, INC., US  
[85] 2010-09-01  
[86] 2009-02-16 (PCT/US2009/034185)  
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[25] EN

[54] **AUTOMATIC VALVE CALIBRATION OF A BLOWN-FILM EXTRUSION APPARATUS**

[54] **ETALONNAGE AUTOMATIQUE DE ROBINET D'UN APPAREIL D'EXTRUSION DE PELLICULE PAR SOUFFLAGE**

[72] JOSEPH, DANIEL R., US  
[73] JOSEPH, DANIEL R., US  
[86] (2717429)  
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[25] EN  
[54] **MOBILE COMMUNICATION DEVICE WITH RF COMMUNICATION BETWEEN PARTS**  
[54] **DISPOSITIF DE COMMUNICATION MOBILE AVEC PIECES COMMUNIQUANT PAR RADIOFREQUENCES**  
[72] WONG, JOSHUA KWAN HO, CA  
[72] MAN, YING TONG, CA  
[72] QI, YIHONG, CA  
[72] JARMUSZEWSKI, PERRY, CA  
[73] RESEARCH IN MOTION LIMITED, CA  
[86] (2718359)  
[87] (2718359)  
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[30] EP (09178549.3) 2009-12-09

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[25] EN  
[54] **REDUNDANT DATA FORWARDING STORAGE**  
[54] **MEMORISATION D'ACHEMINEMENT DE DONNEES REDONDANTES**  
[72] FEIN, GENE, US  
[72] MERRITT, EDWARD, US  
[73] TAJITSHU TRANSFER LIMITED LIABILITY COMPANY, US  
[85] 2010-09-17  
[86] 2009-03-05 (PCT/US2009/036171)  
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[25] EN  
[54] **TREATMENT OF BLADDER DYSFUNCTION USING LIPOSOMAL BOTULINUM TOXIN**  
[54] **TRAITEMENT DE DYSFONCTION DE LA VESSIE A L'AIDE DE LA TOXINE BOTULIQUE LIPOSOMALE**  
[72] CHANCELLOR, MICHAEL B., US  
[72] KAUFMAN, JONATHAN H., US  
[73] LIPELLA PHARMACEUTICALS, INC., US  
[85] 2010-10-04  
[86] 2009-04-03 (PCT/US2009/039489)  
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[25] EN  
[54] **GROCERY CART CUP HOLDER**  
[54] **PORTE-GOBELET POUR PANIER D'EMPLETTES**  
[72] CARUSO, DANNY, CA  
[72] MUIR, SCOTT, CA  
[73] CARUSO, DANNY, CA  
[73] MUIR, SCOTT, CA  
[86] (2720604)  
[87] (2720604)  
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[11] **2,720,665**

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[25] EN  
[54] **ADSORBENT FORMED FROM POLYARYLATE FOR THE REMOVAL OF BLOOD CELLS**  
[54] **ADSORBANT FORME A PARTIR DE POLYARYLATE POUR L'ELIMINATION DES ERYTHROCYTES**  
[72] NAKAO, MICHIHARU, JP  
[72] HAYASHI, SEISHU, JP  
[72] CHIBA, TOSHIKI, JP  
[73] NIKKISO CO., LTD., JP  
[85] 2010-10-05  
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[30] JP (2008-109381) 2008-04-18  
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[25] EN  
[54] **ROCK STRESS MODIFICATION TECHNIQUE**  
[54] **TECHNIQUE DE MODIFICATION DE CONTRAINTE DE ROCHE**  
[72] OLSEN, THOMAS N., US  
[72] BRATTON, TOM R., US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2010-10-13  
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[25] EN

[54] **MEASUREMENT OF STRAIN IN AN ADHESIVELY BONDED JOINT INCLUDING MAGNETOSTRICTIVE MATERIAL**

[54] **MESURE DE CONTRAINTE DANS UN JOINT COLLE DE MANIERE ADHESIVE COMPRENANT UN MATERIAU MAGNETOSTRICTIF**

[72] MILLER, ROBERT J., US

[72] GEORGEON, GARY E., US

[73] THE BOEING COMPANY, US

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[86] 2009-06-02 (PCT/US2009/045948)

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[25] EN

[54] **CONDUCTIVE FLUID FLOW LOGGING TOOL**

[54] **INSTRUMENT DE DIAGRAPHIE PERMETTANT DE DETECTER UN ECOULEMENT DE FLUIDE CONDUCTEUR**

[72] MAUTE, ROBERT, US

[73] REM SCIENTIFIC ENTERPRISES, INC., US

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[25] EN

[54] **INSULATIVE AND WEATHER-RESISTANT BUILDING CONSTRUCTION**

[54] **CONSTRUCTION DE BATIMENT ISOLANTE ET RESISTANTE AUX INTEMPERIES**

[72] SNYDER, LELAND D., US

[73] SNYDER, LELAND D., US

[85] 2010-11-09

[86] 2009-05-21 (PCT/US2009/044859)

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[54] **MODULAR FURNITURE ASSEMBLY**

[54] **ENSEMBLE DE MEUBLE MODULAIRE**

[72] WHITE, VERDI, III, US

[72] NELSON, SHAWN, D., US

[72] NAPPI, DANIEL, US

[72] UNDERWOOD, DAVID, US

[72] RICH, MATT, US

[73] SAC ACQUISITION LLC, US

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[25] EN

[54] **APPARATUS AND METHODS FOR RECORDING ADJACENT TIME SLOTS OF TELEVISION PROGRAMMING ON THE SAME CHANNEL**

[54] **APPAREIL ET PROCEDES SERVANT A ENREGISTRER DES INTERVALLES DE TEMPS ADJACENTS D'UN PROGRAMME DE TELEVISION SUR LE MEME CANAL**

[72] GRATTON, MAX STEPHEN, US

[73] DISH NETWORK LLC, US

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[51] **Int.Cl. B29C 65/02 (2006.01) B65D 35/12 (2006.01) F16L 11/04 (2006.01)**

[25] EN

[54] **METHOD OF MAKING SHOULDER/NOZZLES WITH FILM BARRIER LINERS**

[54] **PROCEDE DE FABRICATION D'ENSEMBLES D'EPAULEMENT ET D'AJUTAGE A CHEMISES DE BARRIERE EN FILM**

[72] HERNANDEZ, DAVID C., US

[72] MILLER, CHRISTOPHER J., US

[73] COLGATE-PALMOLIVE COMPANY, US

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[54] **AMELIORATIONS EN MATIERE DE POCHE DE STOMIE**  
[72] FALCONER, MALCOLM IAN, GB  
[73] CONVATEC TECHNOLOGIES INC., US  
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[54] **TOPICAL STEROIDAL FORMULATIONS**  
[54] **FORMULATIONS STEROIDIENNES TOPIQUES**  
[72] SCHWARTZ, ARTHUR G., US  
[72] WILLIAMS, JOHN R., US  
[73] WILLIAMS, JOHN R., US  
[73] SCHWARTZ, ARTHUR G., US  
[85] 2010-12-23  
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[30] US (61/076,784) 2008-06-30

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[13] C

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[54] **SELECTIVE CURE OF ADHESIVE IN MODULAR ASSEMBLIES**  
[54] **DURCISSEMENT SELECTIF DE L'ADHESIF DANS DES ASSEMBLAGES MODULAIRES**  
[72] HERMANN, WESTON ARTHUR, US  
[72] KOHN, SCOTT IRA, US  
[73] TESLA MOTORS, INC., US  
[86] (2729480)  
[87] (2729480)  
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[54] **PYRIMIDINE DERIVATIVES AS KINASE INHIBITORS**  
[54] **COMPOSES ET COMPOSITIONS EN TANT QU'INHIBITEURS DE KINASE**  
[72] MARSILJE, THOMAS H., III, US  
[72] LU, WENSHUO, US  
[72] CHEN, BEI, US  
[72] HE, XIAOHUI, US  
[72] LEE, CHRISTIAN CHO-HUA, US  
[72] JIANG, SONGCHUN, US  
[72] YANG, KUNYONG, US  
[73] IRM LLC, BM  
[85] 2010-12-23  
[86] 2009-06-24 (PCT/US2009/048428)  
[87] (WO2010/002655)  
[30] US (61/075,583) 2008-06-25  
[30] US (61/155,434) 2009-02-25

[11] **2,731,062**

[13] C

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[25] EN  
[54] **METHOD FOR MAINTAINING CONTINUITY OF "DIAMETER" PROTOCOL-BASED ONLINE CHARGING**  
[54] **PROCEDE POUR MAINTENIR LA CONTINUTE DE FACTURATION EN LIGNE BASEE SUR LE PROTOCOLE "DIAMETER"**  
[72] WISENOECKER, RICHARD, AT  
[72] ZHOU, WEI HUA, CN  
[73] NOKIA SIEMENS NETWORKS OY, FI  
[85] 2011-01-17  
[86] 2009-01-20 (PCT/EP2009/050586)  
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[30] CN (200810003790.3) 2008-01-23

[11] **2,731,593**

[13] C

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[25] EN  
[54] **AIR CONTAMINATION DETECTION IN AN AIRCRAFT AIR SYSTEM**  
[54] **DETECTEUR DE CONTAMINATION DE L'AIR DU CIRCUIT D'ALIMENTATION EN AIR COMPRI ME D'UN AERONEF**  
[72] DOOLEY, KEVIN ALAN, CA  
[72] PATEL, KIRITKUMAR V., CA  
[73] PRATT & WHITNEY CANADA CORP., CA  
[86] (2731593)  
[87] (2731593)  
[22] 2011-02-10  
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[13] C

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[25] FR  
[54] **FOLDABLE PACKAGING WITH LOCKING SYSTEM IN FOLDED POSITION**  
[54] **EMBALLAGE PLIABLE AVEC SYSTEME DE VERROUILLAGE EN POSITION PLIE**  
[72] BARRIERE, FABIENNE, FR  
[72] WANDELS, PHILIPPE, FR  
[73] BIOMERIEUX, FR  
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[30] FR (0855509) 2008-08-11

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[25] EN  
[54] **HEDGEHOG PATHWAY MODULATORS**  
[54] **MODULATEURS DE LA VOIE HEDGEHOG**  
[72] CHENG, DAI, US  
[72] HAN, DONG, US  
[72] ZHANG, GUOBAO, US  
[72] WAN, YONGQIN, US  
[72] XIE, YUN FENG, US  
[72] JIANG, JIQING, US  
[72] GAO, WENQI, US  
[72] PAN, SHIFENG, US  
[73] IRM LLC, BM  
[85] 2011-02-08  
[86] 2009-08-24 (PCT/US2009/054802)  
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[30] US (61/091,496) 2008-08-25

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[51] **Int.Cl. C07C 319/18 (2006.01) C07C 323/22 (2006.01) C07C 323/51 (2006.01) C07C 323/65 (2006.01)**  
[25] EN  
[54] **IMPROVED PROCESS FOR THE ADDITION OF THIOLATES TO ALPHA, BETA-UNSATURATED CARBONYL OR SULFONYL COMPOUNDS**  
[54] **PROCESSUS AMELIORE POUR L'ADDITION DE THIOLATES A DES COMPOSES SULFONYLIQUES OU CARBONYLIQUES INSATURES EN POSITION ALPHA ET BETA**  
[72] MCCONNELL, JAMES, US  
[72] BLAND, DOUGLAS, US  
[73] DOW AGROSCIENCES LLC, US  
[85] 2011-02-08  
[86] 2009-08-07 (PCT/US2009/053061)  
[87] (WO2010/021855)  
[30] US (61/090,045) 2008-08-19

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[13] C  
[51] **Int.Cl. E06B 9/32 (2006.01) A47H 5/00 (2006.01) E05F 15/20 (2006.01)**  
[25] EN  
[54] **AUTOMATED SHADE CONTROL**  
[54] **COMMANDE DE STORES AUTOMATISEE**  
[72] BERMAN, JOEL, US  
[72] BERMAN, JAN, US  
[72] GREENSPAN, ALEX, US  
[72] HEBEISEN, STEPHEN P., US  
[73] MECHOSHAE SYSTEMS, INC., US  
[85] 2011-02-18  
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[30] US (12/421,410) 2009-04-09  
[30] US (12/475,312) 2009-05-29

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[13] C  
[51] **Int.Cl. C07C 239/14 (2006.01) A61K 31/16 (2006.01)**  
[25] EN  
[54] **HYDROXAMIC ACID DERIVATIVES USEFUL AS ANTIBACTERIAL AGENTS**  
[54] **DERIVES D'ACIDE HYDROXAMIQUE UTILES COMME AGENTS ANTIBACTERIENS**  
[72] BROWN, MATTHEW FRANK, US  
[72] DONOVAN, CHARLES FRANCIS, US  
[72] ELLSWORTH, EDMUND LEE, US  
[72] HOYER, DENTON WADE, US  
[72] JOHNSON, TIMOTHY ALLEN, US  
[72] LALL, MANJINDER SINGH, US  
[72] LIMBERAKIS, CHRIS, US  
[72] MURPHY, SEAN TIMOTHY, US  
[72] SHERRY, DEBRA ANN, US  
[72] TAYLOR, CLARKE BENTLEY, US  
[72] WARMUS, JOSEPH SCOTT, US  
[73] PFIZER INC., US  
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[54] **SERVICE MACHINE USED FOR INTERVENTION ON ELECTROLYSIS CELLS FOR PRODUCING ALUMINIUM BY IGNEOUS ELECTROLYSIS**  
[54] **MACHINE DE SERVICE UTILISEE POUR INTERVENIR SUR LES CELLULES D'ELECTROLYSE DE PRODUCTION D'ALUMINIUM PAR ELECTROLYSE IGNEE**  
[72] WATTEL, ARNAUD, FR  
[72] DAVID, STEPHANE, FR  
[73] E.C.L., FR  
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[54] **SYSTEMS AND METHODS FOR MANUFACTURING COMPOSITE WOOD PRODUCTS TO REDUCE BOWING**  
[54] **SYSTEME ET PROCEDES POUR LA FABRICATION DE PRODUITS LIGNEUX COMPOSITES VISANT A REDUIRE LA CAMBRURE**  
[72] CHURCHLAND, MARK T., CA  
[72] BUBER, M. TEKAMUL, CA  
[73] WEYERHAEUSER NR COMPANY, US  
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[54] **DOOR SPACER FOR A VEHICLE ASSEMBLY LINE**  
[54] **ECARTEUR DE PORTE POUR LIGNE D'ASSEMBLAGE DE VEHICULES**  
[72] COUTIER, CHARLES, FR  
[73] COUTIER INDUSTRIE S.A.R.L., FR  
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[54] **SYSTEME D'AJUSTEMENT TEMPOREL AUTOMATIQUE POUR CAPTEURS D'OCCUPATION**  
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[72] STOTTLEMYER, WILLIAM, US  
[72] MURLEY, JR., JAMES, US  
[72] RENEAU, CHARLES, US  
[72] MOORE, ROBERT, US  
[73] SCHNEIDER ELECTRIC USA, INC., US  
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[54] **APPORT AUTOMATIQUE DE FLUIDE A UNE UNITE DE MISE EN PRESSION D'UN DISPOSITIF D'INJECTION MEDICAL**  
[72] HAJICEK, DAVID, US  
[72] OFTEDAHL, RICHARD, US  
[73] ACIST MEDICAL SYSTEMS, INC., US  
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[73] INTERDIGITAL TECHNOLOGY CORPORATION, US  
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[54] **ENSEMBLE-MARTEAU POUR BROYEUR ROTATIF**  
[72] ORPHALL, GREGORY K., US  
[73] ORPHALL, GREGORY K., US  
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[54] **ANTENNE SANS FIL INTEGREE POUR TELEVISEUR EN RESEAU**  
[72] JING, XIANGPENG, US  
[72] LIU, AIXIN, US  
[72] NGUYEN, DJUNG, US  
[72] PATIL, ABHISHEK, US  
[73] SONY CORPORATION, JP  
[73] SONY ELECTRONICS INC., US  
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[72] NOMAGUCHI, KOUJI, JP  
[72] EHARA, TATSUYA, JP  
[73] MORINAGA MILK INDUSTRY CO., LTD., JP  
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[54] **METHODE ET SYSTEME DE FOURNITURE ET DE MESURE DE LIQUIDE STERILISANT**

[72] GUINTO, REMIGIO, US  
[72] KROGH, ROSS G., US  
[72] KOHLER, JAMES P., US  
[72] FELT, CURTIS H., US  
[72] NGUYEN, NICK NGOC, US  
[73] ETHICON, INC., US  
[86] (2744090)  
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[54] **METHOD AND APPARATUS FOR DUAL/MULTI-WATCH FOR GROUP PTT SERVICES**

[54] **PROCEDE ET APPAREIL DE VEILLE DOUBLE/MULTIPLE POUR DES SERVICES PTT DE GROUPE**

[72] BLANCO, ALEJANDRO G., US  
[73] MOTOROLA SOLUTIONS, INC., US  
[85] 2011-05-24  
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[54] **OPTICAL MODULE**

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[72] KOREEDA, YUICHI, JP  
[72] HIRAKI, MASASHI, JP  
[73] JAPAN AVIATION ELECTRONICS INDUSTRY LIMITED, JP  
[86] (2745642)  
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[25] EN

[54] **SINGLE-LAYER OR MULTILAYER TUBULAR FOOD PACKAGING FILM THAT CAN BE SMOKED AND AIR-DRIED, AND METHOD FOR THE PRODUCTION THEREOF**

[54] **FILM ALIMENTAIRE TUBULAIRE MONO- OU MULTICOUCHE POUVANT ETRE FUME ET SECHE A L'AIR, DESTINE A DES EMBALLAGES ALIMENTAIRES, ET PROCEDES DE FABRICATION**

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[73] KUHNE ANLAGENBAU GMBH, DE  
[85] 2011-06-27  
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[54] **PHARMACEUTICAL COMPOSITION CONTAINING AN ANIONIC DRUG, AND A PRODUCTION METHOD THEREFOR**

[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN MEDICAMENT ANIONIQUE ET PROCEDE DE PREPARATION ASSOCIE**

[72] KIM, SE-HO, KR  
[72] SON, JI-YEON, KR  
[72] LA, MUHN-HO, KR  
[72] CHOI, SUNG-WON, KR  
[72] SEO, MIN-HYO, KR  
[73] SAMYANG BIOPHARMACEUTICALS CORPORATION, KR  
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[54] **HETEROATOM-CONTAINING CYCLIC COMPOUND**

[54] **COMPOSE CYCLIQUE AYANT UN HETEROATOME**

[72] KANNO, OSAMU, JP  
[72] NAKAJIMA, KATSUYOSHI, JP  
[72] AOKI, KAZUMASA, JP  
[72] TANAKA, RYOICHI, JP  
[72] HIRANO, SHIMPEI, JP  
[72] OIZUMI, KIYOSHI, JP  
[72] ASANO, DAIGO, JP  
[73] DAIICHI SANKYO COMPANY, LIMITED, JP  
[85] 2011-07-06  
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[25] EN

[54] **A SEAMLESS EDGE-SEALING METHOD OF FLUORINE RESIN COATING**

[54] **PROCEDE DE SCELLEMENT ETANCHE DE BORD SANS SOUDURE A FILM DE FLUORORESINE**

[72] XUE, YANYAN, CN  
[73] NINGBO SUPERBRIGHT TECHNOLOGY CO., LTD., CN  
[85] 2011-08-10  
[86] 2009-01-09 (PCT/CN2009/000029)  
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[54] **METHOD FOR MACHINING TUBES**  
[54] **PROCEDE D'USINAGE DE TUBES**  
[72] VAN SORGEN, CAREL JOHANNES  
WILHELM THEODOOR, NL  
[73] VAN SORGEN, CAREL JOHANNES  
WILHELM THEODOOR, NL  
[85] 2011-07-12  
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[54] **ROBINET-VANNE**  
[72] MAROCCHINI, FRANCIS P., US  
[72] SANDU, CODRIN DAN, US  
[73] HAMILTON SUNDSTRAND CORPORATION, US  
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[54] **COMBINATION STRUCTURE FOR A LABYRINTH**  
[54] **STRUCTURE COMBINEE POUR UN LABYRINTHE**  
[72] CHEN, CHIA-CHERN, CN  
[73] CHEN, CHIA-CHERN, CN  
[86] (2752258)  
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[54] **RETRACTABLE ARTICULATING ROBOTIC SOOTBLOWER**  
[54] **SOUFFLEUR DE SUIE ROBOTIQUE A ARTICULATION RETRACTABLE**  
[72] BROWN, CLINTON A., US  
[72] SHOVER, STEPHEN L., US  
[72] TOOILL, RYAN M., US  
[73] DIAMOND POWER INTERNATIONAL, INC., US  
[85] 2011-08-22  
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[54] **METHOD FOR THE INDUSTRIAL PURIFICATION OF BIOLOGICALLY ACTIVE PHYCOTOXINS**  
[54] **PROCEDE DE PURIFICATION INDUSTRIELLE DE PHYCOTOXINES BIOLOGIQUEMENT ACTIVES**  
[72] LAGOS GONZALEZ, MARCELO SANTIAGO, CL  
[73] PROTEUS S.A., CL  
[85] 2011-08-31  
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[25] EN  
[54] **NOVEL ASSEMBLY KEY, DOOR KITS AND METHODS OF USING THE SAME**  
[54] **CLE D'ASSEMBLAGE NOVATRICE, TROUSSES DE PORTES ET METHODES D'UTILISATION CONNEXES**  
[72] BERGEVIN, LOUIS, CA  
[72] BERGEVIN, YVAN, CA  
[72] LAJEUNESSE, ANNIE, CA  
[73] SYSTEMES NUCO INC./NUCO SYSTEMS INC., CA  
[86] (2754854)  
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[54] **ALARMING BASED ON RESOURCE CONSUMPTION DATA**  
[54] **DISPOSITIF D'ALARME BASE SUR LES DONNEES DE CONSOMMATION EN RESSOURCES**  
[72] CORNWALL, MARK K., US  
[73] ITRON, INC., US  
[86] (2755457)  
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[54] **CONTROL DEVICE FOR HYDRAULIC VARIABLE VALVE TIMING MECHANISM**

[54] **REGULATEUR DE MECANISME DE REGLAGE DE SOUPEPE HYDRAULIQUE A DISTRIBUTION VARIABLE**

[72] FUJIMURA, HARUHITO, JP  
[72] YOKOYAMA, YUU, JP  
[72] NUMAKURA, MASAKI, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

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[54] **IMPROVED FLUID DISTRIBUTION TO PARALLEL FLOW VAPOR-LIQUID CONTACTING TRAYS**

[54] **AMELIORATION DE LA DISTRIBUTION DE FLUIDES EN DIRECTION DE PLAQUES DE CONTACT VAPEUR-LIQUIDE A FLUX PARALLELES**

[72] XU, ZHANPING, US  
[73] UOP LLC, US

[85] 2011-09-20  
[86] 2010-02-02 (PCT/US2010/022786)  
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[54] **SYNTHETIC ENDOXIFEN FOR TREATING MAMMALIAN DISEASES**

[54] **ENDOXIFEN SYNTHETIQUE POUR LE TRAITEMENT DE MALADIES DE MAMMIFERES**

[72] AHMAD, ATEEQ, US  
[72] ALI, SHOUKATH M., US  
[72] AHMAD, MOGHIS U., US  
[72] SHEIKH, SAIFUDDIN, US  
[72] AHMAD, IMRAN, US

[73] JINA PHARMACEUTICALS, INC., US

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[54] **BENZODIAZEPINE DERIVATIVE FOR THE TREATMENT OF HEMATOPOIETIC NEOPLASM AND LEUKEMIA**

[54] **DERIVE DE BENZODIAZEPINE POUR LE TRAITEMENT DE NEOPLASMES HEMATOPOIETIQUES ET DE LEUCEMIES**

[72] CHEDID, MARCIO, US  
[73] ELI LILLY AND COMPANY, US

[85] 2011-10-12  
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[25] EN

[54] **PROCESSES FOR HYDROMETHANATION OF A CARBONACEOUS FEEDSTOCK**

[54] **PROCEDES D'HYDROMETHANATION DE CHARGES D'ALIMENTATION CARBONEES**

[72] REILING, VINCENT GILBERT, US  
[72] ROBINSON, EARL THOMAS, US  
[72] SIRDESPANDE, AVINASH, US  
[72] NAHAS, NICHOLAS CHARLES, US

[73] GREATPOINT ENERGY, INC., US

[85] 2011-10-25  
[86] 2010-05-12 (PCT/US2010/034516)  
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[25] EN

[54] **PRODUCT FOR THE STORAGE OF FREEZE-DRIED LACTIC ACID BACTERIA MIXED WITH A POWDER FOR AN ORAL REHYDRATION SOLUTION**

[54] **PRODUIT POUR LE STOCKAGE DE BACTERIES LACTIQUES LYOPHILISEES MELANGEES AVEC UNE POUDRE POUR UNE SOLUTION DE REHYDRATATION ORALE**

[72] LUNDQVIST, CHRISTOFFER, SE  
[73] BIOGAI AB, SE

[85] 2011-10-25  
[86] 2010-07-09 (PCT/EP2010/059856)  
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[54] **LATCH STRUCTURE OF A FIRE DOOR LOCK**  
[54] **STRUCTURE DU DISPOSITIF DE VERROUILLAGE D'UN VERROU DE PORTE COUPE-FEU**  
[72] LU, SHIH-MIN, TW  
[72] HUANG, FU-CHIH, TW  
[73] TAIWAN FU HSING INDUSTRIAL CO., LTD., TW  
[86] (2762906)  
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[25] EN  
[54] **WIND TURBINE COMPOSITE STRUCTURES**  
[54] **STRUCTURES COMPOSITES D'EOLIENNE**  
[72] APPLETON, STEVE, GB  
[73] VESTAS WIND SYSTEMS A/S, DK  
[85] 2011-11-23  
[86] 2010-08-27 (PCT/GB2010/051424)  
[87] (WO2011/024009)  
[30] GB (0914960.0) 2009-08-27

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[13] C

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[25] EN  
[54] **PHOTOCURABLE COMPOSITION SUITABLE FOR RUST PREVENTION OF A THREADED JOINT FOR STEEL PIPES**  
[54] **COMPOSITION PHOTODURCISSABLE CONVENANT POUR EMPECHER LA ROUILLE D'UN RACCORD FILETE DE TUYAUX EN ACIER**  
[72] NAGAREO, TOMOMITSU, JP  
[72] KAMEDA, YOSHINORI, JP  
[72] MATSUMOTO, KEISHI, JP  
[72] KAMIMURA, TAKAYUKI, JP  
[72] TAKAHASHI, MASARU, JP  
[72] GOTO, KUNIO, JP  
[72] IMAI, RYUICHI, JP  
[73] VALLOUREC MANNESMANN OIL & GAS FRANCE, FR  
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2011-11-28  
[86] 2010-06-01 (PCT/JP2010/059587)  
[87] (WO2010/140703)  
[30] JP (2009-132937) 2009-06-02

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[51] **Int.Cl. F16H 7/12 (2006.01)**  
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[54] **DUAL TENSIONER ASSEMBLY**  
[54] **ENSEMBLE DOUBLE TENDEUR**  
[72] DEC, PIOTR, CA  
[72] CIOBOTARU, SORIN, US  
[73] THE GATES CORPORATION, US  
[85] 2011-12-07  
[86] 2010-06-28 (PCT/US2010/040213)  
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[13] C

[51] **Int.Cl. B01D 15/22 (2006.01) B01D 15/08 (2006.01)**  
[25] EN  
[54] **MONITORING A PREPARATIVE CHROMATOGRAPHY COLUMN FROM THE EXTERIOR DURING FORMATION OF THE PACKED BED**  
[54] **SURVEILLANCE D'UNE COLONNE DE CHROMATOGRAPHIE PREPARATIVE, DE L'EXTERIEUR, DURANT SON REMPLISSAGE**  
[72] SNYDER, MARK A., US  
[73] BIO-RAD LABORATORIES, INC., US  
[85] 2011-12-19  
[86] 2010-06-29 (PCT/US2010/040450)  
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[25] EN  
[54] **VARIABLE PHASE STEP FEEDER**  
[54] **ALIMENTEUR MULTI-ETAGE A PHASE VARIABLE**  
[72] PETRYSHEN, LARRY, CA  
[73] USNR/KOCKUMS CANCAR COMPANY, US  
[86] (2768173)  
[87] (2768173)  
[22] 2012-02-15  
[30] US (13/036,571) 2011-02-28

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[13] C

[51] **Int.Cl. A22C 25/16 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR FILLETING BEHEADED AND GUTTED FISH**  
[54] **DISPOSITIF ET PROCEDE DE FILETAGE DE POISSONS ETETES ET EVISCERES**  
[72] JUERS, MICHAEL, DE  
[72] FINKE, HANS, DE  
[72] BRANDT, MANFRED, DE  
[73] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE  
[85] 2012-01-23  
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[30] DE (10 2010 018 057.2) 2010-04-21

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[51] **Int.Cl. E03C 1/232 (2006.01) E03C 1/23 (2006.01)**  
[25] EN  
[54] **CABLE ACTUATED DRAIN DISPOSITIF D'EVACUATION ACTIONNE PAR CABLE**  
[72] BALL, WILLIAM T., US  
[72] PILARCZYK, ERIC, US  
[72] HOGAN, KEVIN, US  
[72] RIESCO, CARL, US  
[72] CARLSON, WILLIAM L., US  
[73] WCM INDUSTRIES, INC., US  
[85] 2012-02-15  
[86] 2010-08-17 (PCT/US2010/045795)  
[87] (WO2011/022425)  
[30] US (12/542,205) 2009-08-17  
[30] US (12/830,131) 2010-07-02

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[13] C  
[51] **Int.Cl. C07C 317/44 (2006.01) A61K 31/165 (2006.01) A61K 31/44 (2006.01) A61P 31/04 (2006.01) C07C 317/46 (2006.01) C07C 323/65 (2006.01) C07D 205/04 (2006.01) C07D 207/08 (2006.01) C07D 209/18 (2006.01) C07D 209/44 (2006.01) C07D 209/46 (2006.01) C07D 211/38 (2006.01) C07D 211/46 (2006.01) C07D 211/48 (2006.01) C07D 213/56 (2006.01)**  
[25] EN  
[54] **C-LINKED HYDROXAMIC ACID DERIVATIVES USEFUL AS ANTIBACTERIAL AGENTS DERIVES D'ACIDE HYDROXAMIQUE A LIAISON C UTILES COMME AGENTS ANTIBACTERIENS**  
[72] BROWN, MATTHEW FRANK, US  
[72] MARFAT, ANTHONY, US  
[72] MELNICK, MICHAEL JOSEPH, US  
[72] REILLY, USA, US  
[73] PFIZER INC., US  
[85] 2012-03-14  
[86] 2010-10-04 (PCT/IB2010/054463)  
[87] (WO2011/045703)  
[30] US (61/251,016) 2009-10-13

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[13] C  
[51] **Int.Cl. C08F 2/24 (2006.01) C08F 212/08 (2006.01) D21H 17/34 (2006.01)**  
[25] EN  
[54] **FINELY DIVIDED STARCH-CONTAINING POLYMER DISPERSIONS, METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF AS SIZING AGENT IN PAPER MANUFACTURING**  
[54] **DISPERSIONS POLYMERES A PARTICULES FINES, CONTENANT DE L'AMIDON, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION EN TANT QUE PRODUIT D'ENCOLLAGE POUR LA FABRICATION DE PAPIER**  
[72] SONG, ANJA, DE  
[72] KERN, HOLGER, DE  
[72] ARNOLD, PETRA, DE  
[73] BASF SE, DE  
[85] 2012-03-23  
[86] 2010-09-28 (PCT/EP2010/064357)  
[87] (WO2011/039185)  
[30] EP (09172098.7) 2009-10-02

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[13] C  
[51] **Int.Cl. B01J 23/89 (2006.01) B01J 33/00 (2006.01) B01J 35/08 (2006.01) H01M 4/88 (2006.01) H01M 4/90 (2006.01)**  
[25] EN  
[54] **FUEL CELL ELECTROCATALYTIC PARTICLE AND METHOD FOR PRODUCING THE SAME**  
[54] **PARTICULES FINES ELECTROCATALYTIQUES POUR PILES A COMBUSTIBLE ET LEUR PROCEDE DE FABRICATION**  
[72] ARAI, TATSUYA, JP  
[72] TAKEHIRO, NAOKI, JP  
[72] SEKIZAWA, KOSHI, JP  
[72] KIMURA, HIROKO, JP  
[72] IIO, ATSUO, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[85] 2012-03-30  
[86] 2010-07-21 (PCT/JP2010/062263)  
[87] (WO2012/011170)

[11] **2,776,986**  
[13] C  
[51] **Int.Cl. G09B 9/04 (2006.01)**  
[25] EN  
[54] **MOBILE PLATFORM PLATE-FORME MOBILE**  
[72] STEVENS, ROBERT, GB  
[72] CAMMAERTS, KIA, GB  
[73] ANSIBLE MOTION LIMITED, GB  
[85] 2012-04-05  
[86] 2010-09-29 (PCT/EP2010/064446)  
[87] (WO2011/042338)  
[30] GB (0917702.3) 2009-10-09

[11] **2,782,498**  
[13] C  
[51] **Int.Cl. A61K 47/38 (2006.01) A61K 9/20 (2006.01) A61K 36/00 (2006.01) A61K 47/02 (2006.01)**  
[25] EN  
[54] **TABLET COMPOSITION CONTAINING KAMPO MEDICINAL EXTRACT AND ITS MANUFACTURING PROCESS**  
[54] **COMPOSITION DE COMPRIME CONTENANT UN EXTRAIT MEDICINALE A BASE DE KAMPO ET PROCEDE DE PRODUCTION CONNEXE**  
[72] MATSUMOTO, KAZUHIRO, JP  
[72] MARUYAMA, HIDEYUKI, JP  
[72] NAGANO, YOSHIHIKO, JP  
[72] ISHIMARU, MASAYUKI, JP  
[73] TSUMURA & CO., JP  
[86] (2782498)  
[87] (2782498)  
[22] 2003-07-10  
[62] 2,492,156  
[30] JP (2002-204618) 2002-07-12

[11] **2,785,111**  
[13] C  
[51] **Int.Cl. B65D 5/20 (2006.01) B31B 49/00 (2006.01) B65D 5/54 (2006.01)**  
[25] EN  
[54] **BOX WITH FULL-HEIGHT SIDE SUPPORTS AND BLANK AND PROCESS FOR FORMING SUCH BOX**  
[54] **BOITE MUNIE DE SUPPORTS LATERAUX PLEINE HAUTEUR, DECOUPE ET PROCEDE DE FABRICATION DE LADITE BOITE**  
[72] CAMERON, HUGH T., CA  
[73] RETAIL READY PACKAGES INC., CA  
[86] (2785111)  
[87] (2785111)  
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[13] C

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[25] EN

[54] **COATED SOLID MONTELUKAST PREPARATION**

[54] **PREPARATION SOLIDE ENROBEE**

[72] FUJISAKI, YUKI, JP

[72] YOSHII, RYOJI, JP

[72] HORIUCHI, YASUhide, JP

[73] TORAY INDUSTRIES, INC., JP

[85] 2012-06-26

[86] 2011-02-25 (PCT/JP2011/054256)

[87] (WO2011/105539)

[30] JP (2010-042066) 2010-02-26

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[13] C

[51] **Int.Cl. E01C 1/00 (2006.01) B01D 46/00 (2006.01) E04H 17/14 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR CONTROLLING AIRBORNE POLLUTION**

[54] **APPAREIL ET METHODE DE CONTROLE DE LA POLLUTION ATMOSPHERIQUE**

[72] SHAYKO, SCOTT, CA

[72] QIU, XIN, CA

[72] SLUSARCZYK, JASON, CA

[72] VAN HEYST, WILLIAM, CA

[72] MAHMUD, SHOHEL, CA

[72] LUBITZ, WILLIAM, CA

[72] SPENCER, JENNIFER, CA

[73] NOVUS ENVIRONMENTAL INC., CA

[86] (2791965)

[87] (2791965)

[22] 2012-10-10

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[11] **2,794,543**  
[13] C

[51] **Int.Cl. B61D 19/02 (2006.01) E05D 15/06 (2006.01) E05F 15/18 (2006.01)**

[25] EN

[54] **MAGNETIC-ASSISTED LINEAR BEARING**

[54] **DOUILLE A BILLES A ASSISTANCE MAGNETIQUE**

[72] EVANS, SIMON, GB

[73] RICON CORP., US

[85] 2012-09-25

[86] 2011-02-17 (PCT/US2011/025221)

[87] (WO2011/129918)

[30] US (12/759,860) 2010-04-14

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[13] C

[51] **Int.Cl. B65D 85/62 (2006.01) B65D 21/02 (2006.01) B65D 85/32 (2006.01)**

[25] EN

[54] **PACKAGE CONFIGURATION FOR EMPTY SHEET-FORMED CONTAINERS**

[54] **CONFIGURATION D'EMBALLAGE POUR DES CONTENANTS VIDES SUPERPOSES**

[72] BLANCHETTE, FRANCOIS, CA

[72] ST-LOUIS, FRANCOIS, CA

[72] ARCHAMBAULT, GERMAIN, CA

[73] INTERPLAST INC., CA

[86] (2795928)

[87] (2795928)

[22] 2012-11-15

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[11] **2,797,805**  
[13] C

[51] **Int.Cl. H04W 72/14 (2009.01) H04W 52/16 (2009.01)**

[25] EN

[54] **MOBILE COMMUNICATION METHOD AND MOBILE STATION**

[54] **PROCEDE DE COMMUNICATION MOBILE ET STATION MOBILE**

[72] UMESH, ANIL, JP

[72] IWAMURA, MIKIO, JP

[73] NTT DOCOMO, INC., JP

[85] 2012-10-29

[86] 2011-04-28 (PCT/JP2011/060350)

[87] (WO2011/136314)

[30] JP (2010-106008) 2010-04-30

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[11] **2,798,674**  
[13] C

[51] **Int.Cl. B65C 9/26 (2006.01) B65C 9/08 (2006.01) B65C 11/02 (2006.01)**

[25] EN

[54] **LABELLER**

[54] **ETIQUETEUSE**

[72] SLEIMAN, JOSEPH Z., CA

[72] SCHRAM, MICHAEL R., CA

[72] LOVEGROVE, DOUGLAS F., CA

[72] ALLEN, BRADLEY V., CA

[73] JOE AND SAMIA MANAGEMENT INC., CA

[86] (2798674)

[87] (2798674)

[22] 2009-05-05

[62] 2,723,478

[30] US (61/050,600) 2008-05-05

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[11] **2,804,800**  
[13] C

[51] **Int.Cl. A23K 1/14 (2006.01)**

[25] EN

[54] **ANIMAL CHEW PRODUCTS AND PROCESSES**

[54] **PRODUITS ALIMENTAIRES A MACHER POUR ANIMAUX ET PROCEDES**

[72] CRUMP, JOE, CA

[73] THE CRUMP GROUP, INC., CA

[86] (2804800)

[87] (2804800)

[22] 2013-02-07

[30] US (13/758,983) 2013-02-04

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[11] **2,807,332**  
[13] C

[51] **Int.Cl. C23C 2/06 (2006.01) B21D 22/20 (2006.01) B21D 24/00 (2006.01) C23C 2/28 (2006.01) C25D 5/26 (2006.01) C25D 5/50 (2006.01) G01J 5/00 (2006.01) G01N 25/02 (2006.01)**

[25] EN

[54] **METHOD OF HOT STAMPING GALVANIZED STEEL SHEET**

[54] **PROCEDE POUR L'ESTAMPAGE A CHAUD UNE FEUILLE D'ACIER GALVANISE**

[72] KOBAYASHI, YOSHIFUMI, JP

[72] ITO, YASUNORI, JP

[72] KAWANO, KAZUYUKI, JP

[72] YAEKURA, TAKASHI, JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2013-02-01

[86] 2011-08-23 (PCT/JP2011/068911)

[87] (WO2012/026442)

[30] JP (2010-185801) 2010-08-23

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[13] C

[51] **Int.Cl. A23L 1/30 (2006.01)**

[25] EN

[54] **CALCIUM-ENRICHED FOOD  
PRODUCT**

[54] **PRODUIT ALIMENTAIRE  
ENRICHI EN CALCIUM**

[72] WALTER, MARY A., US

[72] DAVIS, NICK N., US

[73] MISSION PHARMACAL CO., US

[73] STERLING FOODS, LTD., US

[86] (2807518)

[87] (2807518)

[22] 2006-12-26

[62] 2,636,620

[30] US (11/329,905) 2006-01-11

[30] US (11/468,077) 2006-08-29

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[11] **2,807,745**

[13] C

[51] **Int.Cl. A47G 19/12 (2006.01) A47G  
19/23 (2006.01) A47G 23/06 (2006.01)  
B65D 1/34 (2006.01) B65D 21/02  
(2006.01)**

[25] EN

[54] **SERVING VESSEL SET**

[54] **ENSEMBLE DE RECIPIENTS DE  
SERVICE**

[72] RIEDEL, RICHARD P., US

[73] TARGET BRANDS, INC., US

[86] (2807745)

[87] (2807745)

[22] 2013-03-01

[30] US (13/778,631) 2013-02-27

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[11] **2,810,290**

[13] C

[51] **Int.Cl. A61L 2/26 (2006.01) A61L 2/18  
(2006.01) A61L 2/24 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR  
DELIVERING AND METERING  
LIQUID STERILANT**

[54] **METHODE ET SYSTEME DE  
FOURNITURE ET DE MESURE DE  
LIQUIDE STERILISANT**

[72] GUINTO, REMIGIO, US

[72] KROGH, ROSS G., US

[72] KOHLER, JAMES P., US

[72] FELT, CURTIS H., US

[72] NGUYEN, NICK NGOC, US

[73] ETHICON, INC., US

[86] (2810290)

[87] (2810290)

[22] 2001-02-05

[62] 2,744,090

[30] US (09/499,418) 2000-02-07

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[13] A1  
[51] **Int.Cl. F24F 11/00 (2006.01) F24D 12/02 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS TO IMPROVE THE OPERATING EFFICIENCY OF DUAL HEATING**  
[54] **PROCEDE ET APPAREIL POUR AUGMENTER L'EFFICACITE DE FONCTIONNEMENT DES SYSTEMES DE CHAUFFAGE BIENERGIE**  
[72] UNKNOWN, ZZ  
[71] JANSSEN, MARTIN, CA  
[22] 2012-06-05  
[41] 2013-12-05

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[21] **2,778,596**  
[13] A1  
[51] **Int.Cl. G21C 21/00 (2006.01)**  
[25] EN  
[54] **SUPPORT ASSEMBLY FOR USE WITH A NUCLEAR REACTOR TOOL ASSEMBLY**  
[54] **ENSEMBLE SUPPORT A UTILISER AVEC UN ENSEMBLE OUTIL DE REACTEUR NUCLEAIRE**  
[72] WILSON, SHAWN M., CA  
[72] MADANI, SEYED MEHDI, CA  
[71] GE-HITACHI NUCLEAR ENERGY CANADA INC., CA  
[22] 2012-06-01  
[41] 2013-12-01

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[21] **2,778,722**  
[13] A1  
[51] **Int.Cl. F23D 14/02 (2006.01) F23D 14/46 (2006.01) F23N 5/24 (2006.01)**  
[25] EN  
[54] **FLOW CONTROL OF COMBUSTIBLE MIXTURE INTO COMBUSTION CHAMBER**  
[54] **REGULATION DE DEBIT D'UN MELANGE COMBUSTIBLE DANS UNE CHAMBRE DE COMBUSTION**  
[72] CHISHTY, WAJID ALI, CA  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[22] 2012-06-04  
[41] 2013-12-04

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[13] A1  
[51] **Int.Cl. F23J 1/04 (2006.01)**  
[25] FR  
[54] **SHOVEL-CONTAINER**  
[54] **PELLE-CONTENEUR**  
[72] BLOUIN, YVON, CA  
[71] BLOUIN, YVON, CA  
[22] 2012-06-07  
[41] 2013-12-07

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[21] **2,778,644**  
[13] A1  
[51] **Int.Cl. A61G 7/05 (2006.01)**  
[25] EN  
[54] **PATIENT SUPPORT WITH IMPROVED PATIENT SAFETY**  
[54] **SUPPORT POUR PATIENT A SECURITE ACCRUE POUR CE DERNIER**  
[72] CONNELL, JASON, CA  
[72] ROUSSY, RICHARD, CA  
[72] BAKKER, STEVEN, CA  
[72] CERNY, JASON, CA  
[72] GEORGE, CHRISTOPHER, CA  
[71] CHG HOSPITAL BEDS INC., CA  
[22] 2012-06-01  
[41] 2013-12-01

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[21] **2,778,754**  
[13] A1  
[51] **Int.Cl. A45B 3/00 (2006.01) A62B 99/00 (2009.01) A45B 9/00 (2006.01) A45B 9/04 (2006.01) A61H 3/00 (2006.01)**  
[25] EN  
[54] **ICE RESCUE WALKING STAFF**  
[54] **BATON DE MARCHE POUR SAUVETAGE SUR GLACE**  
[72] JACKSON, DONALD W., CA  
[71] JACKSON, DONALD W., CA  
[22] 2012-06-04  
[41] 2013-12-04

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[21] **2,778,587**  
[13] A1  
[51] **Int.Cl. G21C 17/017 (2006.01)**  
[25] EN  
[54] **BENDING MOMENT ASSEMBLY FOR SIMULATING AS FOUND NUCLEAR REACTOR TUBE GEOMETRY**  
[54] **ASSEMBLAGES TRANSMETTANT DES MOMENTS DE FLEXION POUR SIMULER UNE GEOMETRIE DES TUBES D'UN REACTEUR NUCLEAIRE OBSERVEE**  
[72] WILSON, SHAWN M., CA  
[72] ONDERWATER, THOMAS G., CA  
[72] MADANI, SEYED MEHDI, CA  
[71] GE-HITACHI NUCLEAR ENERGY CANADA INC., CA  
[22] 2012-06-01  
[41] 2013-12-01

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[13] A1

[51] **Int.Cl. A41D 27/12 (2006.01) H05K 9/00 (2006.01)**  
[25] EN  
[54] **IRON-ON PATCH FOR ELECTROMAGNETIC FIELD SHIELDING IN GARMENT POCKETS**  
[54] **PIECE A REPASSER POUR BLINDAGE CONTRE LES CHAMPS ELECTROMAGNETIQUES DANS LES POCHE DE VETEMENTS**  
[72] LEE, ADAM W., CA  
[71] LEE, ADAM W., CA  
[22] 2012-06-04  
[41] 2013-12-04

[21] **2,779,038**  
[13] A1

[51] **Int.Cl. G08G 1/07 (2006.01) G08G 1/0955 (2006.01) G08G 1/04 (2006.01)**  
[25] EN  
[54] **ACTIVE REAL-TIME TRAFFIC MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE LA CIRCULATION EN TEMPS REEL ACTIF**  
[72] IBRAHIM, AMR, CA  
[72] ABDELEAHAB, AHMED, CA  
[71] IBRAHIM, AMR, CA  
[71] ABDELEAHAB, AHMED, CA  
[22] 2012-06-07  
[41] 2013-12-07

[21] **2,779,072**  
[13] A1

[51] **Int.Cl. F23D 11/38 (2006.01) F23D 11/24 (2006.01)**  
[25] EN  
[54] **COMBUSTION HEAD FOR A LOW NOX LIQUID FUEL BURNER**  
[54] **TETE DE BRULEUR POUR BRULEUR DE COMBUSTIBLE LIQUIDE A FAIBLES EMISSIONS D'OXYDES D'AZOTE**  
[72] BIANCHINI, NICOLA, IT  
[72] CALZOLARI, EMIL, IT  
[72] MARTINI, DAVIDE, IT  
[72] VISENTIN, ALESSIO, IT  
[71] RIELLO S.P.A., IT  
[22] 2012-06-01  
[41] 2013-12-01

[21] **2,779,077**  
[13] A1

[51] **Int.Cl. E04G 5/06 (2006.01) F16B 9/02 (2006.01)**  
[25] EN  
[54] **BEARER BRACKET FOR WOODEN SCAFFOLDING STRUCTURES**  
[54] **SUPPORT PORTEUR POUR STRUCTURES D'ECHAFAUDAGE EN BOIS**  
[72] BOSMA, MURRAY, CA  
[72] BOSMA, KENNETH, CA  
[72] KEELER, TODD, CA  
[71] BOSMA, MURRAY, CA  
[71] BOSMA, KENNETH, CA  
[22] 2012-06-01  
[41] 2013-12-01

[21] **2,779,100**  
[13] A1

[51] **Int.Cl. B65F 7/00 (2006.01)**  
[25] FR  
[54] **MAINTENANCE COMPOUND FOR RESIDENTIAL AND COMMERCIAL GARBAGE, RECYCLING OR COMPOSTING BINS**  
[54] **COMPOSE D'ENTRETIEN DE BAC A ORDURES, RECYCLAGE OU COMPOSTAGE DE TYPE RESIDENTIEL ET COMMERCIAL**  
[72] CHASSE, BERTRAND, CA  
[72] LAPIERRE, EMILE, CA  
[71] CHASSE, BERTRAND, CA  
[71] LAPIERRE, EMILE, CA  
[22] 2012-06-01  
[41] 2013-12-01

[21] **2,779,131**  
[13] A1

[51] **Int.Cl. B29C 59/02 (2006.01) B29C 51/00 (2006.01) B29D 29/06 (2006.01)**  
[25] EN  
[54] **COMPRESSION RESISTANT, SELECTIVELY SLIT AND EMBOSSED FILMS AND INDUSTRIAL TEXTILES MADE THEREOF**  
[54] **PELLICULES GAUFREES MUNIES DE FENTES SELECTIVES ET RESISTANTES A LA COMPRESSION ET TEXTILES INDUSTRIELS COMPOSES DE CELLES-CI**  
[72] MANNINEN, ALLAN R., CA  
[71] MANNINEN, ALLAN R., CA  
[22] 2012-06-07  
[41] 2013-12-07

[21] **2,779,150**  
[13] A1

[51] **Int.Cl. F02M 21/02 (2006.01) F02B 43/00 (2006.01)**  
[25] EN  
[54] **SUPPLYING GASEOUS FUEL FROM A LIQUID STATE TO AN INTERNAL COMBUSTION ENGINE**  
[54] **FOURNITURE D'UN COMBUSTIBLE GAZEUX A PARTIR D'UN ETAT LIQUIDE A UN MOTEUR A COMBUSTION INTERNE**  
[72] MELANSON, BRADLEY E., CA  
[72] MUMFORD, DAVID K., CA  
[72] BLOMERUS, PAUL M., CA  
[72] MCKINNON, MELISSA S. A., CA  
[71] WESTPORT POWER INC., CA  
[22] 2012-06-05  
[41] 2013-12-05

[21] **2,779,182**  
[13] A1

[51] **Int.Cl. E21B 7/20 (2006.01) F24J 3/08 (2006.01)**  
[25] EN  
[54] **GEOHERMAL FLEXIBLE CONDUIT LOOP SINGLE PASS INSTALLATION SYSTEM FOR DENSE SOILS AND ROCK**  
[54] **SYSTEME D'INSTALLATION A PASSE SIMPLE A BOUCLE DE CONDUIT FLEXIBLE GEOHERMIQUE POUR SOLS ET ROCHE DENSES**  
[72] DESMEULES, ALAIN, CA  
[71] DESMEULES, ALAIN, CA  
[22] 2012-06-05  
[41] 2013-12-05

[21] **2,779,190**  
[13] A1

[51] **Int.Cl. C09K 8/12 (2006.01) E21B 21/00 (2006.01)**  
[25] EN  
[54] **DRILLING FLUIDS USEFUL FOR LIMITING TAR SAND ACCRETION**  
[54] **FLUIDES DE FORAGE UTILES POUR LIMITER L'ACCRETION DES SABLES BITUMINEUX**  
[72] GHESNER, IOAN, CA  
[71] DIVERSITY TECHNOLOGIES CORPORATION, CA  
[22] 2012-06-04  
[41] 2013-12-04

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**1 décembre 2013 au 7 décembre 2013**

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[21] **2,779,209**  
[13] A1

- [51] **Int.Cl. E01F 15/00 (2006.01) E01F 9/018 (2006.01)**  
[25] EN  
[54] **DEFORMABLE ENERGY-ABSORBING UTILITY POLE**  
[54] **POTEAU ELECTRIQUE A ABSORPTION D'ENERGIE DEFORMABLE**  
[72] ARNOLD, GEORGE F., CA  
[72] CRONIN, DUANE S., CA  
[72] LOCKHART, PHILIP, CA  
[71] POLEFAB INC., CA  
[22] 2012-06-04  
[41] 2013-12-04

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[21] **2,779,212**  
[13] A1

- [51] **Int.Cl. A47B 73/00 (2006.01) A47F 7/28 (2006.01) A47G 29/02 (2006.01)**  
[25] EN  
[54] **BOTTLE DISPLAY APPARATUS**  
[54] **APPAREIL PORTE-BOUEILLES**  
[72] SCHNEIDER, THOMAS, US  
[71] VINO THEQUE WINE CELLARS, US  
[22] 2012-06-04  
[41] 2013-12-04

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[21] **2,779,215**  
[13] A1

- [51] **Int.Cl. H01R 33/05 (2006.01) F21K 99/00 (2010.01) F21S 2/00 (2006.01) H01R 13/15 (2006.01) H01R 13/20 (2006.01) H05K 1/18 (2006.01)**  
[25] EN  
[54] **SWIVEL ADAPTOR**  
[54] **ADAPTATEUR PIVOTANT**  
[72] TREMBLAY, ERIC, CA  
[72] DALLAIRE, TOMMY, CA  
[71] RV LIGHTING, CA  
[22] 2012-06-04  
[41] 2013-12-04

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[21] **2,779,217**  
[13] A1

- [51] **Int.Cl. A47G 29/08 (2006.01) A47G 25/08 (2006.01) A47K 5/00 (2006.01) F16M 13/02 (2006.01)**  
[25] EN  
[54] **PRODUCT CADDY WITH ADAPTABLE HANGING ELEMENT**  
[54] **CHARIOT POUR PRODUITS AVEC ELEMENT DE SUSPENSION ADPTABLE**  
[72] CHASMAR, CHRIS, CA  
[72] KNUDSEN, LIANNA, CA  
[71] CHASMAR, CHRIS, CA  
[71] KNUDSEN, LIANNA, CA  
[22] 2012-06-05  
[41] 2013-12-05

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[21] **2,779,226**  
[13] A1

- [51] **Int.Cl. G01N 27/90 (2006.01)**  
[25] EN  
[54] **PULSED EDDY CURRENT SENSOR FOR PRECISION LIFT-OFF MEASUREMENT**  
[54] **CAPTEUR DE COURANT DE FOUCAULT PULSE POUR MESURE DE DECOLLEMENT DE PRECISION**  
[72] KRAUSE, THOMAS, CA  
[72] MCGREGOR, RODERICK J., CA  
[72] TETERVAK, ALEXANDR, CA  
[72] UNDERHILL, ROSS, CA  
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE, CA  
[22] 2012-06-07  
[41] 2013-12-07

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[21] **2,779,235**  
[13] A1

- [51] **Int.Cl. H04L 12/26 (2006.01) G06F 7/00 (2006.01) G06F 17/00 (2006.01)**  
[25] EN  
[54] **IDENTIFYING UNVISITED PORTIONS OF VISITED INFORMATION**  
[54] **IDENTIFICATION DES PORTIONS NON EXAMINEES DE RENSEIGNEMENTS EXAMINES**  
[72] ISLAM, OBIDUL, CA  
[72] ONUT, IOSIF VIOREL, CA  
[72] IONESCU, PAUL, CA  
[72] KONDRATOVA, EUGENIA, CA  
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA  
[22] 2012-06-06  
[41] 2013-12-06

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[21] **2,779,349**  
[13] A1

- [51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/27 (2006.01)**  
[25] EN  
[54] **PREDICTIVE ANALYSIS BY EXAMPLE**  
[54] **ANALYSE PREVISIONNELLE PAR EXEMPLE**  
[72] NG, JOANNA W., CA  
[72] LAU, DIANNA, CA  
[72] LAU, ALEX TAK KWUN, CA  
[72] JOU, STEPHAN FONG-JAU, CA  
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA  
[22] 2012-06-06  
[41] 2013-12-06

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[21] **2,779,435**  
[13] A1

- [51] **Int.Cl. B60D 1/36 (2006.01) B60D 1/58 (2006.01)**  
[25] EN  
[54] **IMPROVED TOW HITCH PLATE**  
[54] **PLAQUE D'ATTELAGE AMELIOREE**  
[72] LEMAY, PHIL, CA  
[71] LEMAY, PHIL, CA  
[22] 2012-06-05  
[41] 2013-12-05

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[21] **2,779,440**  
[13] A1

[51] **Int.Cl. A47C 16/02 (2006.01) A47C 7/52 (2006.01) A47C 20/02 (2006.01) A47G 9/10 (2006.01) A61G 7/075 (2006.01)**

[25] EN  
[54] **LEG SUPPORT PILLOW**  
[54] **COUSSIN DE SOUTIEN POUR LES JAMBES**

[72] CASTLE, LEONA, CA  
[71] CASTLE, LEONA, CA  
[22] 2012-06-05  
[41] 2013-12-05

[21] **2,779,478**  
[13] A1

[51] **Int.Cl. E04H 17/14 (2006.01) F16P 1/02 (2006.01)**

[25] FR  
[54] **SAFETY GRILLE**  
[54] **GARDE DE SECURITE**

[72] VIGNEUX, TONY, CA  
[71] VIGNEUX, TONY, CA  
[22] 2012-06-06  
[41] 2013-12-06

[21] **2,779,528**  
[13] A1

[51] **Int.Cl. E04H 17/20 (2006.01)**

[25] EN  
[54] **WOOD FENCE POST COVER**  
[54] **REVETEMENT DE POTEAU DE CLOTURE EN BOIS**

[72] GALLOWAY, ERIC M., CA  
[71] GALLOWAY, ERIC M., CA  
[22] 2012-06-05  
[41] 2013-12-05

[21] **2,779,658**  
[13] A1

[51] **Int.Cl. B24B 9/04 (2006.01) A63C 3/10 (2006.01)**

[25] EN  
[54] **HANDHELD MANUAL SKATE BLADE SHARPENER/EDGE RESTORER**  
[54] **DISPOSITIF D'AIGUISAGE ET DE RESTAURATION DES TRANCHANTS DE LAME DE PATIN A GLACE MANUEL PORTATIF**

[72] CRIPPS, PATRICK, CA  
[71] CRIPPS, PATRICK, CA  
[22] 2012-06-07  
[41] 2013-12-07

[21] **2,779,666**  
[13] A1

[51] **Int.Cl. H02K 9/06 (2006.01) H02K 3/46 (2006.01)**

[25] EN  
[54] **BRUSHLESS ALTERNATOR**  
[54] **ALTERNATEUR SANS BALAIS**

[72] BENSON, DALE, CA  
[71] BENSON, DALE, CA  
[22] 2012-06-04  
[41] 2013-12-04

[21] **2,779,671**  
[13] A1

[51] **Int.Cl. A47D 13/02 (2006.01) A45F 3/08 (2006.01)**

[25] EN  
[54] **RECUMBENT INFANT CARRIER**  
[54] **PORTE-BEBE A POSITION COUCHEE**

[72] BRAY, KEVIN M., CA  
[71] BRAY, KEVIN M., CA  
[22] 2012-06-07  
[41] 2013-12-07

[21] **2,779,705**  
[13] A1

[51] **Int.Cl. E03C 1/12 (2006.01) C02F 9/04 (2006.01)**

[25] EN  
[54] **SYSTEM AND METHOD OF GREYWATER RECOVERY AND REUSE**  
[54] **SYSTEME ET METHODE DE RECUPERATION ET DE REUTILISATION DES EAUX GRISES**

[72] ROBB, CARL L., CA  
[72] BALDWIN, N. SCOTT, CA  
[72] GAY, STACEY CHARLEEN, CA  
[72] POUPORE, TIMOTHY JAMES HENDRIE, CA  
[72] VAN KAMPEN, LEO PETER, CA  
[72] MANTYLA, JAMES BRIAN, CA  
[72] WILSON, MICHEAL F., CA  
[71] CANPLAS INDUSTRIES LTD., CA  
[22] 2012-06-06  
[41] 2013-12-06

[21] **2,779,739**  
[13] A1

[51] **Int.Cl. H04W 24/04 (2009.01) H04W 16/24 (2009.01) H04W 92/02 (2009.01) H04L 12/28 (2006.01) H04M 11/06 (2006.01)**

[25] EN  
[54] **SYSTEM FOR ENHANCING SERVICE AVAILABILITY**  
[54] **SYSTEME POUR AMELIORER LA DISPONIBILITE DES SERVICES**

[72] AGOURIDIS, DIMITRIS, CA  
[72] MUFTI, MUID, CA  
[71] AGOURIDIS, DIMITRIS, CA  
[71] MUFTI, MUID, CA  
[22] 2012-06-04  
[41] 2013-12-04

[21] **2,779,790**  
[13] A1

[51] **Int.Cl. B28B 7/02 (2006.01) E04C 1/00 (2006.01)**

[25] EN  
[54] **CEMENT BLOCK MOLD**  
[54] **MOULE POUR BLOCS DE CIMENT**

[72] THORPE-DOUBBLE, STEPHEN P., CA  
[71] SWAIL DEVELOPMENTS LTD., CA  
[22] 2012-06-06  
[41] 2013-12-06

[21] **2,779,942**  
[13] A1

[51] **Int.Cl. A41C 3/00 (2006.01) A41C 1/06 (2006.01) A41C 3/12 (2006.01) A61F 5/03 (2006.01) A61F 7/10 (2006.01)**

[25] EN  
[54] **BREAST SUPPORT**  
[54] **SUPPORT POUR POITRINE**

[72] HARBOUR, JODY, CA  
[71] HARBOUR, JODY, CA  
[22] 2012-06-04  
[41] 2013-12-04

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1 décembre 2013 au 7 décembre 2013**

[21] **2,779,949**  
[13] A1

[51] **Int.Cl. C07K 7/00 (2006.01) C12N 5/07 (2010.01) A61K 38/08 (2006.01)**  
[25] EN  
[54] **PEPTIDOMIMETICS COMPRISING N-AMINO CYCLIC UREA RESIDUES AND USES THEREOF**  
[54] **PEPTIDOMIMETIQUES COMPRENANT DES RESIDUS D'UREE CYCLIQUE N-AMINO ET LEURS UTILISATIONS**  
[72] LUBELL, WILLIAM D., CA  
[72] CHEMTOB, SYLVAIN, CA  
[72] ONG, HUY, CA  
[72] HOPEWELL, ROBERT, CA  
[72] PROULX, CAROLINE, CA  
[72] BEAUREGARD, KIM, CA  
[72] GARCIA-RAMOS, YESICA, ES  
[71] UNIVERSITE DE MONTREAL, CA  
[71] HOPITAL MAISONNEUVE-ROSEMONT, CA  
[22] 2012-06-05  
[41] 2013-12-05

[21] **2,783,339**  
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) H04L 12/16 (2006.01)**  
[25] EN  
[54] **PRIORITY SCHEDULING FOR MULTI-CHANNEL CONTEXT AWARE COMMUNICATION TECHNOLOGY**  
[54] **ORDONNANCEMENT DES PRIORITES POUR UNE TECHNOLOGIE DE COMMUNICATION SENSIBLE AU CONTEXTE MULTICANAL**  
[72] PREVOST, MICHEL, CA  
[72] SAMSON, PIERRE PAUL, CA  
[71] SOURCE EVOLUTION, CA  
[22] 2012-07-24  
[41] 2013-12-04  
[30] US (13/487,931) 2012-06-04

[21] **2,788,307**  
[13] A1

[51] **Int.Cl. E04D 13/14 (2006.01)**  
[25] EN  
[54] **ROOF PIPE FLASHING SOLIN DE BORD DE TOIT**  
[72] BOND, WILLIAM R., US  
[71] BOND, WILLIAM R., US  
[22] 2012-08-29  
[41] 2013-12-07  
[30] US (13/507,134) 2012-06-07

[21] **2,788,796**  
[13] A1

[51] **Int.Cl. H04N 5/378 (2011.01) H04N 5/351 (2011.01)**  
[25] EN  
[54] **METHOD AND SYSTEM OF IMAGE CAPTURE BASED ON LOGARITHMIC CONVERSION**  
[54] **METHODE ET SYSTEME DE SAISIE D'IMAGES FONDE SUR UNE CONVERSION LOGARITHMIQUE**  
[72] TUTTLE, JOHN R., US  
[71] QBIZ, LLC, US  
[22] 2012-09-04  
[41] 2013-12-07  
[30] US (13/490,555) 2012-06-07

[21] **2,789,049**  
[13] A1

[51] **Int.Cl. A01D 47/00 (2006.01) A01D 57/20 (2006.01) A01F 29/00 (2006.01)**  
[25] EN  
[54] **DRAPER SEAL FOR CROP HARVESTING HEADER**  
[54] **ELEMENT ETANCHE DE CONVOYEUR A TOILE POUR TABLIER DE COUPE POUR RECOLTEUSE**  
[72] CORMIER, DANIEL, CA  
[71] MACDON INDUSTRIES LTD., CA  
[22] 2012-08-31  
[41] 2013-12-06

[21] **2,790,755**  
[13] A1

[51] **Int.Cl. H04R 3/00 (2006.01) G11B 20/10 (2006.01) H03M 1/12 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM OF AUDIO IMAGE CAPTURE BASED ON LOGARITHMIC CONVERSION**  
[54] **METHODE ET SYSTEME DE SAISIE AUDIO FONDE SUR UNE CONVERSION LOGARITHMIQUE**  
[72] TUTTLE, JOHN R., US  
[71] QBIZ, LLC, US  
[22] 2012-09-25  
[41] 2013-12-07  
[30] US (13/625,513) 2012-09-24  
[30] US (13/490,555) 2012-06-07

[21] **2,791,095**  
[13] A1

[51] **Int.Cl. F16K 3/30 (2006.01) F16K 3/02 (2006.01)**  
[25] EN  
[54] **VALVE WEAR RING AND GATE VALVE WITH WEAR RING**  
[54] **BAGUE D'USURE DE ROBINET ET ROBINET-VANNE AVEC BAGUE D'USURE**  
[72] BLENKUSH, ROBERT A., US  
[72] WATTERODT, SIDNEY, CA  
[71] DEZURIK, INC., US  
[22] 2012-09-28  
[41] 2013-12-03  
[30] US (61/654,942) 2012-06-03

[21] **2,791,207**  
[13] A1

[51] **Int.Cl. F16K 3/30 (2006.01) F16K 3/02 (2006.01)**  
[25] EN  
[54] **WEAR RING RETAINER FOR A GATE VALVE**  
[54] **DISPOSITIF DE RETENUE DE BAGUE D'USURE POUR ROBINET-VANNE**  
[72] BLENKUSH, ROBERT A., US  
[72] WATTERODT, SIDNEY, CA  
[71] DEZURIK, INC., US  
[22] 2012-09-28  
[41] 2013-12-03  
[30] US (61/654,946) 2012-06-03

[21] **2,794,043**  
[13] A1

[51] **Int.Cl. B62D 55/092 (2006.01) B60B 7/02 (2006.01) B62D 55/14 (2006.01) F16J 15/06 (2006.01) F16N 9/02 (2006.01)**  
[25] EN  
[54] **LUBRICATING OIL MONITORING AND MAINTENANCE CAP AND METHODS OF INSTALLATION**  
[54] **BOUCHON DE SURVEILLANCE ET D'ENTRETIEN D'HUILE LUBRIFIANTE ET METHODES D'INSTALLATION**  
[72] KILE, RONALD J., US  
[71] KILE, RONALD J., US  
[22] 2012-11-01  
[41] 2013-12-04  
[30] US (13/487,591) 2012-06-04

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**December 1, 2013 to December 7, 2013**

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[21] **2,798,724**  
[13] A1

[51] **Int.Cl. A45D 29/00 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR APPLYING NAIL DECALS**  
[54] **DISPOSITIF ET METHODE D'APPLICATION D'AUTOCOLLANTS POUR ONGLES**  
[72] PAK, MARGARET, US  
[71] KMC EXIM CORP., US  
[22] 2012-12-12  
[41] 2013-12-04  
[30] US (13/487,719) 2012-06-04

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[21] **2,807,085**  
[13] A1

[51] **Int.Cl. E01H 5/06 (2006.01)**  
[25] EN  
[54] **SNOWPLOW BLADE ARTICULATOR ASSEMBLY WITH PASSIVE DOWNFORCE MECHANISM**  
[54] **SYSTEME D'ARTICULATEUR POUR LAME DE CHASSE-NEIGE AVEC MECANISME A FORCE DESCENDANTE PASSIVE**  
[72] WALIMAA, JON K., US  
[72] CHRISTY, JODY, US  
[71] NORTHERN STAR INDUSTRIES, INC., US  
[22] 2013-02-22  
[41] 2013-12-01  
[30] US (13/486,242) 2012-06-01

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[21] **2,807,582**  
[13] A1

[51] **Int.Cl. G06T 15/20 (2011.01) B64F 5/00 (2006.01) G01B 21/16 (2006.01) G01C 9/00 (2006.01)**  
[25] EN  
[54] **SENSOR-ENHANCED LOCALIZATION IN VIRTUAL AND PHYSICAL ENVIRONMENTS**  
[54] **LOCALISATION RENFORCEE PAR DES CAPTEURS DANS DES ENVIRONNEMENTS VIRTUELS ET PHYSIQUES**  
[72] TROY, JAMES J., US  
[72] PUTERBAUGH, KEVIN, US  
[72] ESPOSITO, CHRISTOPHER, US  
[72] GASS, JOHN C., US  
[71] THE BOEING COMPANY, US  
[22] 2013-02-22  
[41] 2013-12-01  
[30] US (13/486,725) 2012-06-01

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[21] **2,807,903**  
[13] A1

[51] **Int.Cl. C12M 1/42 (2006.01) C12M 1/00 (2006.01) C12M 1/36 (2006.01) C12N 1/12 (2006.01) C12N 1/20 (2006.01) G02B 7/00 (2006.01)**  
[25] EN  
[54] **SUN TRACKING LIGHT DISTRIBUTOR SYSTEM HAVING A V-SHAPED LIGHT DISTRIBUTION CHANNEL**  
[54] **SYSTEME DE DISTRIBUTION DE LUMIERE A POURSUITE DE SOLEIL POURVU D'UNE VOIE DE DISTRIBUTION DE LUMIERE EN FORME DE V**  
[72] LEVESQUE, MARC, CA  
[71] INSTITUT NATIONAL D'OPTIQUE, CA  
[22] 2013-02-28  
[41] 2013-12-05  
[30] US (61/655,517) 2012-06-05

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[21] **2,807,969**  
[13] A1

[51] **Int.Cl. A61G 5/12 (2006.01)**  
[25] EN  
[54] **FOOTREST APPARATUS**  
[54] **APPAREIL REPOSE-PIEDS**  
[72] MEYERS, DANNY, CA  
[72] XU, MING, CA  
[72] BOAR, CRISTIAN, CA  
[72] IZZO, MICHAEL, CA  
[71] AMG MEDICAL INC., CA  
[22] 2013-03-01  
[41] 2013-12-06  
[30] US (13/603,883) 2012-09-05

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[21] **2,808,773**  
[13] A1

[51] **Int.Cl. F16L 3/04 (2006.01) F16L 3/10 (2006.01) H02G 3/02 (2006.01)**  
[25] EN  
[54] **ADJUSTABLE CONDUIT CLAMP**  
[54] **PINCE DE CONDUIT REGLABLE**  
[72] DECESARE, CHRISTOPHER W., US  
[72] SENESEY, ERIK G., US  
[72] THOMAS, JOSEPH M., US  
[71] BRIDGEPORT FITTINGS, INC., US  
[22] 2013-03-07  
[41] 2013-12-05  
[30] US (13/488,969) 2012-06-05

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[21] **2,809,985**  
[13] A1

[51] **Int.Cl. F16J 15/54 (2006.01) F02C 7/06 (2006.01) F02C 7/28 (2006.01) F16J 15/18 (2006.01) F16N 31/00 (2006.01)**  
[25] EN  
[54] **DEOILER SEAL**  
[54] **JOINT D'ETANCHEITE DE DESHUILEUR**  
[72] SHORT, KEITH E., US  
[72] BLEWETT, MICHAEL R., US  
[71] HAMILTON SUNDSTRAND CORPORATION, US  
[22] 2013-03-18  
[41] 2013-12-05  
[30] US (13/488,738) 2012-06-05

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[21] **2,813,937**  
[13] A1

[51] **Int.Cl. A61M 16/00 (2006.01) H02J 7/00 (2006.01)**  
[25] EN  
[54] **ASSEMBLY COMPOSED OF AN EMERGENCY RESPIRATOR AND OF ITS WALL MOUNT**  
[54] **ENSEMBLE COMPOSE D'UN RESPIRATEUR D'URGENCE ET DE SON SUPPORT MURAL**  
[72] CHAFFARD, DENIS, FR  
[72] DAVOINE, ROMAIN, FR  
[71] AIR LIQUIDE MEDICAL SYSTEMS, FR  
[22] 2013-04-18  
[41] 2013-12-07  
[30] FR (12 55 314) 2012-06-07

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[21] **2,814,521**  
[13] A1

[51] **Int.Cl. B44C 5/02 (2006.01) B21J 5/02 (2006.01) B41B 1/02 (2006.01) B41J 1/00 (2006.01) B41J 3/38 (2006.01)**  
[25] EN  
[54] **METHODS AND A DIE FOR FORMING AN INDICIA GROOVE ON A HAND TOOL AND A HAND TOOL WITH AN INDICIA GROOVE**  
[54] **PROCEDES ET MATRICE POUR FORMER UNE RAINURE DE MARQUAGE SUR UN OUTIL A MAIN ET OUTIL A MAIN PORTANT UNE RAINURE DE MARQUAGE**  
[72] HU, BOBBY, TW  
[71] HU, BOBBY, TW  
[22] 2013-04-30  
[41] 2013-12-01  
[30] TW (101119776) 2012-06-01



**Demandes canadiennes mises à la disponibilité du public**  
**1 décembre 2013 au 7 décembre 2013**

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[21] **2,814,561**  
[13] A1

[51] **Int.Cl. B22F 7/02 (2006.01) B22F 9/02 (2006.01) C23C 24/08 (2006.01)**

[25] EN

[54] **ZINC-FREE SPRAY POWDER, COPPER-CONTAINING THERMAL SPRAY LAYER, AS WELL AS METHOD OF MANUFACTURING A COPPER-CONTAINING THERMAL SPRAY LAYER**

[54] **POUDRE DE PULVERISATION EXEMPTTE DE ZINC, COUCHE DE PULVERISATION THERMIQUE CONTENANT DU CUIVRE ET PROCEDE DE FABRICATION D'UNE COUCHE DE PULVERISATION THERMIQUE CONTENANT DU CUIVRE**

[72] DISTLER, BERND, CH  
[72] ERNST, PETER, CH  
[71] SULZER METCO AG, CH  
[22] 2013-05-02  
[41] 2013-12-01  
[30] EP (12170426.6) 2012-06-01

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[21] **2,814,671**  
[13] A1

[51] **Int.Cl. C23C 4/08 (2006.01) C23C 4/06 (2006.01)**

[25] EN

[54] **BEARING PART AND THERMAL SPRAY METHOD**

[54] **PARTIE DE SUPPORT ET PROCEDE DE PULVERISATION THERMIQUE**

[72] ERNST, PETER, CH  
[72] DISTLER, BERND, CH  
[71] SULZER METCO AG, CH  
[22] 2013-05-02  
[41] 2013-12-01  
[30] EP (12170426.6) 2012-06-01  
[30] EP (12171373.9) 2012-06-08

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[21] **2,814,677**  
[13] A1

[51] **Int.Cl. B29C 35/02 (2006.01) B32B 38/00 (2006.01) C08J 3/00 (2006.01) C08J 5/24 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR REDUCING POROSITIES IN COMPOSITE RESIN PARTS**

[54] **PROCEDE ET APPAREIL POUR REDUIRE LES POROSITES DANS DES PIECES DE RESINE COMPOSITE**

[72] MISCIAGNA, DAVID THOMAS, US  
[71] THE BOEING COMPANY, US  
[22] 2013-05-03  
[41] 2013-12-05  
[30] US (13/488,768) 2012-06-05

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[21] **2,814,818**  
[13] A1

[51] **Int.Cl. A47L 15/50 (2006.01) F24C 15/16 (2006.01) F25D 25/00 (2006.01)**

[25] EN

[54] **RACK WITH PROTRUSION DEVICE FOR KITCHEN APPLIANCE**

[54] **SUPPORT A DISPOSITIF A SAILLIE POUR ROBOT MENAGER**

[72] TARCY, SCOTT, US  
[71] BSH HOME APPLIANCES CORPORATION, US  
[22] 2013-05-03  
[41] 2013-12-07  
[30] US (13/490,489) 2012-06-07

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[21] **2,814,895**  
[13] A1

[51] **Int.Cl. G01N 1/00 (2006.01) G01N 1/44 (2006.01) G01N 27/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MEASURING HYDROGEN CONTENT IN A SAMPLE**

[54] **SYSTEME ET PROCEDE POUR MESURER LA TENEUR EN HYDROGENE DANS UN ECHANTILLON**

[72] CHRISTY, CARLTON N., US  
[71] THE BOEING COMPANY, US  
[22] 2013-05-02  
[41] 2013-12-04  
[30] US (13/487,481) 2012-06-04

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[21] **2,815,414**  
[13] A1

[51] **Int.Cl. F16L 33/32 (2006.01) F16L 11/11 (2006.01) F16L 23/024 (2006.01) F16L 31/00 (2006.01) F16L 33/22 (2006.01)**

[25] EN

[54] **COUPLING DEVICE FOR TUBE WITH ANNULAR CORRUGATIONS**

[54] **DISPOSITIF D'ACCOUPLLEMENT POUR TUBE A ONDULATIONS ANNULAIRES**

[72] KRAMER, VANCE M., JR., US  
[72] RODEBAUGH, JONATHAN O., US  
[71] CRUSHPROOF TUBING COMPANY, US  
[22] 2013-05-08  
[41] 2013-12-05  
[30] US (13/489,105) 2012-06-05

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[21] **2,815,425**  
[13] A1

[51] **Int.Cl. B29C 53/30 (2006.01) F16L 11/11 (2006.01)**

[25] EN

[54] **CRF APPARATUS FOR MAKING FLEXIBLE TUBING WITH ANNULAR CORRUGATIONS**

[54] **APPAREIL DE FABRICATION DE TUBE FLEXIBLE RESISTANT A L'ECRASUREMENT A ONDULATIONS ANNULAIRES**

[72] KRAMER, VANCE M., JR., US  
[72] RODEBAUGH, JONATHAN O., US  
[71] CRUSHPROOF TUBING COMPANY, US  
[22] 2013-05-08  
[41] 2013-12-05  
[30] US (13/489,147) 2012-06-05

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[21] **2,815,458**  
[13] A1

[51] **Int.Cl. G02B 7/28 (2006.01) G03B 13/36 (2006.01) H04N 5/335 (2011.01)**

[25] EN

[54] **METHOD AND DIGITAL CAMERA HAVING IMPROVED AUTOFOCUS**

[54] **PROCEDE ET CAMERA NUMERIQUE A MISE AU POINT AUTOMATIQUE AMELIOREE**

[72] HSU, CHENG-SHENG, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2013-05-09  
[41] 2013-12-01  
[30] EP (12170430.8) 2012-06-01

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**Canadian Applications Open to Public Inspection  
December 1, 2013 to December 7, 2013**

[21] **2,815,661**  
[13] A1

[51] **Int.Cl. B65G 1/00 (2006.01)**  
[25] EN  
[54] **HANDLE ASSEMBLY FOR HAND-OPERATED TOOL**  
[54] **ENSEMBLE POIGNEE POUR OUTIL ACTIONNE A LA MAIN**  
[72] WASON, PETER MATTHEW, US  
[71] HUBBELL INCORPORATED, US  
[22] 2013-05-14  
[41] 2013-12-06  
[30] US (13/489,854) 2012-06-06

[21] **2,815,900**  
[13] A1

[51] **Int.Cl. H04B 1/40 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR TUNING CIRCUIT COMPONENTS OF A COMMUNICATION DEVICE**  
[54] **METHODES ET APPAREIL POUR FAIRE L'ACCORD DE COMPOSANTS DE CIRCUIT D'UN DISPOSITIF DE COMMUNICATION**  
[72] MANSSEN, KEITH RONALD, US  
[72] GREENE, MATTHEW RUSSELL, US  
[72] HOIRUP, CARSTEN, US  
[72] HUGHES, SIMON ANDREW, CA  
[72] MORELEN, STEVEN MARK, US  
[72] GALPERIN, VICTOR, CA  
[72] SPEARS, JOHN, US  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2013-05-15  
[41] 2013-12-01  
[30] US (13/486,914) 2012-06-01

[21] **2,815,906**  
[13] A1

[51] **Int.Cl. G01V 1/30 (2006.01) E21B 47/107 (2012.01) G01V 1/42 (2006.01)**  
[25] EN  
[54] **IDENTIFYING RESERVOIR DRAINAGE PATTERNS FROM MICROSEISMIC DATA**  
[54] **IDENTIFICATION DE REGIMES D'ECOULEMENT DE RESERVOIR A PARTIR DE DONNEES MICROSISMIQUES**  
[72] BAIG, ADAM MIRZA, CA  
[72] URBANCIC, THEODORE IVAN, CA  
[72] WUESTEFELD, ANDREAS, NO  
[71] ESG SOLUTIONS INC., CA  
[22] 2013-05-15  
[41] 2013-12-05  
[30] US (61/752,575) 2013-01-15  
[30] US (61/783,738) 2013-03-14

[21] **2,815,980**  
[13] A1

[51] **Int.Cl. F24F 1/14 (2011.01) F24F 1/18 (2011.01)**  
[25] EN  
[54] **OUTDOOR HEAT EXCHANGER COIL**  
[54] **SERPENTIN D'ECHANGEUR DE CHALEUR EXTERIEUR**  
[72] GIST, DAVID B., US  
[72] BAUER, JOHN M., US  
[72] KAZUSHIGE, KASAI, US  
[72] FUJISAKI, KAZUO, US  
[71] AAF-MCQUAY, US  
[22] 2013-05-15  
[41] 2013-12-04  
[30] US (61/655,317) 2012-06-04  
[30] US (13/839,867) 2013-03-15

[21] **2,816,108**  
[13] A1

[51] **Int.Cl. H02K 15/02 (2006.01) H02K 1/32 (2006.01)**  
[25] EN  
[54] **ROTOR FOR AN ELECTRIC MACHINE AND METHOD FOR RETROFIT**  
[54] **ROTOR POUR UNE MACHINE ELECTRIQUE ET METHODE D'INSTALLATION EN RATRAPAGE**  
[72] SCHWERY, ALEXANDER, DE  
[72] BAUMEISTER, STEFAN, DE  
[71] ALSTOM HYDRO FRANCE, FR  
[22] 2013-05-23  
[41] 2013-12-06  
[30] EP (12171021.4) 2012-06-06

[21] **2,816,233**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/28 (2006.01) A61B 17/32 (2006.01)**  
[25] EN  
[54] **HAND HELD SURGICAL HANDLE ASSEMBLY, SURGICAL ADAPTERS FOR USE BETWEEN SURGICAL HANDLE ASSEMBLY AND SURGICAL LOADING UNITS, AND METHODS OF USE**  
[54] **DISPOSITIF DE POIGNEE CHIRURGICALE TENU A LA MAIN, ADAPTATEURS CHIRURGICAUX A UTILISER ENTRE LE DISPOSITIF DE POIGNEE CHIRURGICALE ET LES DISPOSITIFS DE CHARGEMENT CHIRURGICAUX ET METHODES D'UTILISATION**  
[72] NICHOLAS, DAVID, US  
[72] BEARDSLEY, JOHN, US  
[72] PRIBANIC, RUSSELL, US  
[72] ZEMLOK, MICHAEL, US  
[71] COVIDIEN LP, US  
[22] 2013-05-17  
[41] 2013-12-01  
[30] US (61/654,206) 2012-06-01  
[30] US (13/887,402) 2013-05-06

[21] **2,816,256**  
[13] A1

[51] **Int.Cl. B01D 46/00 (2006.01)**  
[25] EN  
[54] **FRAMED AIR FILTER WITH OFFSET SLOT, AND METHOD OF MAKING**  
[54] **FILTRE A AIR AVEC BOITIER ET FENTE DECALEE ET METHODE DE FABRICATION**  
[72] LISE, JONATHAN M., US  
[72] SANOCKI, STEPHEN M., US  
[72] GLASS, DENNIS M., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[22] 2013-05-21  
[41] 2013-12-07  
[30] US (13/490,545) 2012-06-07

**Demandes canadiennes mises à la disponibilité du public**  
**1 décembre 2013 au 7 décembre 2013**

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[21] **2,816,279**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/28 (2006.01) A61B 17/32 (2006.01)**

[25] EN

[54] **HAND HELD SURGICAL HANDLE ASSEMBLY, SURGICAL ADAPTERS FOR USE BETWEEN SURGICAL HANDLE ASSEMBLY AND SURGICAL END EFFECTORS, AND METHODS OF USE**

[54] **DISPOSITIF DE POIGNEE CHIRURGICALE TENU A LA MAIN, ADAPTATEURS CHIRURGICAUX A UTILISER ENTRE LE DISPOSITIF DE POIGNEE CHIRURGICALE ET LES EFFECTEURS TERMINAUX CHIRURGICAUX ET METHODES D'UTILISATION**

[72] NICHOLAS, DAVID, US  
[72] BEARDSLEY, JOHN, US  
[72] PRIBANIC, RUSSELL, US  
[72] ZEMLOK, MICHAEL, US  
[71] COVIDIEN LP, US  
[22] 2013-05-21  
[41] 2013-12-01  
[30] US (61/654,191) 2012-06-01  
[30] US (13/875,571) 2013-05-02

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[21] **2,816,290**  
[13] A1

[51] **Int.Cl. A01K 97/00 (2006.01) B65D 85/00 (2006.01)**

[25] EN

[54] **DOUBLE ENDED FISHING WORM CANISTER**

[54] **BOITE POUR VERS DE PECHE A DOUBLE EXTREMITÉ**

[72] FONTAINE, SYLVAIN, CA  
[71] FONTAINE, SYLVAIN, CA  
[22] 2013-05-22  
[41] 2013-12-02  
[30] GB (1209900.8) 2012-06-02

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[21] **2,816,292**  
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/28 (2006.01) A61B 17/32 (2006.01)**

[25] EN

[54] **LOADING UNIT DETECTION ASSEMBLY AND SURGICAL DEVICE FOR USE THEREWITH**

[54] **ENSEMBLE DE DETECTION DE DISPOSITIF DE CHARGEMENT ET DISPOSITIF CHIRURGICAL A UTILISER AVEC CELUI-CI**

[72] NICHOLAS, DAVID, US  
[72] BEARDSLEY, JOHN, US  
[72] PRIBANIC, RUSSELL, US  
[72] ZEMLOK, MICHAEL, US  
[71] COVIDIEN LP, US  
[22] 2013-05-21  
[41] 2013-12-01  
[30] US (61/654,197) 2012-06-01  
[30] US (13/886,618) 2013-05-03

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[21] **2,816,318**  
[13] A1

[51] **Int.Cl. B64D 45/04 (2006.01) B64C 13/22 (2006.01) B64C 19/00 (2006.01) B64D 47/00 (2006.01)**

[25] EN

[54] **TAKEOFF/LANDING TOUCHDOWN PROTECTION MANAGEMENT SYSTEM**

[54] **SYSTEME DE GESTION DE PROTECTION D'IMPACT POUR DECOLLAGE/ATTERRISSAGE**

[72] SHUE, SHYHPYNG JACK, US  
[71] BELL HELICOPTER TEXTRON INC., US  
[22] 2013-05-16  
[41] 2013-12-05  
[30] US (13/488,916) 2012-06-05

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[21] **2,816,500**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 9/445 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR SHARING ITEMS BETWEEN ELECTRONIC DEVICES**

[54] **SYSTEME ET METHODE DE PARTAGE D'ELEMENTS ENTRE DES DISPOSITIFS ELECTRONIQUES**

[72] VIRANI, BARKET, CA  
[72] PARMAR, NARESH, CA  
[72] GANESHALINGAM, THEBAN, CA  
[72] STUART, AARON, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2013-05-21  
[41] 2013-12-01  
[30] EP (12170597.4) 2012-06-01

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[21] **2,816,513**  
[13] A1

[51] **Int.Cl. B65D 83/00 (2006.01)**

[25] EN

[54] **PLUG FOR USE IN A BEVERAGE CONTAINER**

[54] **BOUCHON A UTILISER DANS UN CONTENANT DE BOISSON**

[72] TACHI, KATSUAKI, JP  
[71] THERMOS K.K., JP  
[71] THERMOS LIMITED LIABILITY COMPANY, US  
[22] 2013-05-23  
[41] 2013-12-04  
[30] JP (2012-127507) 2012-06-04

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[21] **2,816,516**  
[13] A1

[51] **Int.Cl. E04F 21/18 (2006.01) B25H 7/04 (2006.01) E04F 21/00 (2006.01)**

[25] EN

[54] **DRYWALL TOOL AND METHOD OF USING THE SAME**

[54] **OUTIL POUR CLOISONS SECHES ET METHODE D'UTILISATION DE CELUI-CI**

[72] PAUZE, ADAM, CA  
[71] PAUZE, ADAM, CA  
[22] 2013-05-23  
[41] 2013-12-06  
[30] US (13/489,813) 2012-06-06

**Canadian Applications Open to Public Inspection  
December 1, 2013 to December 7, 2013**

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[21] **2,816,522**  
[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01) G06F 1/04 (2006.01) H03K 5/156 (2006.01) H03K 5/159 (2006.01) H04B 1/69 (2011.01)**

[25] EN

[54] **DIGITAL SPREAD SPECTRUM TECHNIQUE FOR ELECTROMAGNETIC EMISSION REDUCTION**

[54] **TECHNIQUE D'ETALEMENT DE SPECTRE NUMERIQUE POUR REDUCTION D'EMISSIONS ELECTROMAGNETIQUES**

[72] DECOURSEY, CALVIN, US

[72] POWELL, GENE E., US

[71] IGT, US

[22] 2013-05-23

[41] 2013-12-01

[30] US (13/487,053) 2012-06-01

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[21] **2,816,613**  
[13] A1

[51] **Int.Cl. F01D 5/14 (2006.01)**

[25] EN

[54] **BLADE WITH AN S-SHAPED PROFILE FOR AN AXIAL TURBOMACHINE COMPRESSOR**

[54] **LAME POURVUE D'UN PROFIL EN FORME DE « S » POUR COMPRESSEUR DE TURBOMACHINE AXIALE**

[72] ILIOPOULOU, VASILIKI, BE

[71] TECHSPACE AERO S.A., BE

[22] 2013-05-24

[41] 2013-12-01

[30] EP (12170536.2) 2012-06-01

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[21] **2,816,625**  
[13] A1

[51] **Int.Cl. H02M 7/44 (2006.01) C01B 33/035 (2006.01) H02M 5/10 (2006.01) H02M 7/5387 (2007.01)**

[25] EN

[54] **POWER SUPPLY ARRANGEMENT WITH AN INVERTER FOR PRODUCING N-PHASE AC CURRENT**

[54] **AGENCEMENT D'ALIMENTATION AVEC ONDULEUR POUR PRODUIRE DU COURANT ALTERNATIF A N PHASES**

[72] AVERBERG, ANDREAS, DE

[71] AEG POWER SOLUTIONS B.V., NL

[22] 2013-05-24

[41] 2013-12-01

[30] EP (12 170 485.2) 2012-06-01

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[21] **2,816,630**  
[13] A1

[51] **Int.Cl. A61J 7/00 (2006.01) A61G 12/00 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **MEDICATION ADMINISTERING**

[54] **ADMINISTRATION DE MEDICAMENT**

[72] BARRETT, JOHN TODD, US

[72] SCHOVILLE, FRED P., US

[71] ADVANTAGE PHARMACY SERVICES LLC, US

[22] 2013-05-24

[41] 2013-12-07

[30] US (61/656838) 2012-06-07

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[21] **2,816,649**  
[13] A1

[51] **Int.Cl. E02B 3/00 (2006.01) E02B 15/04 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR AN ENGINEERED JOINT**

[54] **SYSTEME ET PROCEDE POUR JOINT D'INGENIERIE**

[72] BUTTERFIELD, DONAL, US

[71] BUTTERFIELD, DONAL, US

[22] 2013-05-24

[41] 2013-12-01

[30] US (61/654,263) 2012-06-01

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[21] **2,816,651**  
[13] A1

[51] **Int.Cl. A01K 5/02 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR SUPPLYING ANIMALS KEPT IN RESTRICTION COMPARTMENTS WITH FEED**

[54] **METHODE ET APPAREIL PERMETTANT DE NOURRIR DES ANIMAUX GARDES DANS DES CAGES DE CONTENTION**

[72] FORSTER, THOMAS, DE

[71] FORSTER TECHNIK GMBH, DE

[22] 2013-05-24

[41] 2013-12-06

[30] DE (10 2012 104 913.0) 2012-06-06

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[21] **2,816,704**  
[13] A1

[51] **Int.Cl. G06F 21/00 (2013.01) G06F 21/30 (2013.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CONTROLLING ACCESS TO SECURE RESOURCES**

[54] **SYSTEME ET METHODE POUR CONTROLER L'ACCES A DES RESSOURCES SECURISEES**

[72] TRUSKOVSKY, ALEXANDER, CA

[72] ADAMS, NEIL PATRICK, CA

[72] SHERKIN, ALEXANDER, CA

[71] RESEARCH IN MOTION LIMITED, CA

[22] 2013-05-27

[41] 2013-12-01

[30] EP (12170607.1) 2012-06-01

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[21] **2,816,738**  
[13] A1

[51] **Int.Cl. A61B 17/22 (2006.01) A61B 17/00 (2006.01)**

[25] EN

[54] **SPECIMEN RETRIEVAL DEVICE**

[54] **DISPOSITIF DE RECUPERATION DE PRELEVEMENT**

[72] HATHAWAY, PETER, US

[72] SNIFFIN, KEVIN, US

[72] TAYLOR, ERIC, US

[71] COVIDIEN LP, US

[22] 2013-05-22

[41] 2013-12-01

[30] US (61/654,212) 2012-06-01

[30] US (13/893,598) 2013-05-14

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[21] **2,816,743**  
[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01) H04W 4/00 (2009.01) H04W 84/00 (2009.01)**

[25] EN

[54] **METHODS AND APPARATUS FOR USE IN FACILITATING COMMUNICATION FOR DIFFERENT TYPES OF WIRELESS NETWORKS**

[54] **METHODES ET APPAREIL VISANT A FACILITER LA COMMUNICATION POUR DIFFERENTS TYPES DE RESEAUX SANS FIL**

[72] MONTEMURRO, MICHAEL PETER, CA

[71] RESEARCH IN MOTION LIMITED, CA

[22] 2013-05-27

[41] 2013-12-06

[30] EP (12171063.3) 2012-06-06

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[21] **2,816,775**  
[13] A1

[51] **Int.Cl. A47L 11/40 (2006.01) A47L 7/00 (2006.01) A47L 9/00 (2006.01) A47L 11/20 (2006.01) A47L 11/30 (2006.01)**

[25] EN

[54] **SURFACE CLEANING APPARATUS**

[54] **APPAREIL DE NETTOYAGE DE SURFACE**

[72] MOYHER, GEORGE, JR., US

[72] GRAHAM, MICHAEL, US

[71] BISSELL HOMECARE, INC., US

[22] 2013-05-28

[41] 2013-12-01

[30] US (61/654,281) 2012-06-01

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[21] **2,816,851**  
[13] A1

[51] **Int.Cl. B60R 16/02 (2006.01) B60R 25/34 (2013.01) B62D 33/023 (2006.01)**

[25] EN

[54] **TAILGATE SENSOR**

[54] **CAPTEUR DE HAYON**

[72] ARIEMMA, JOSEPH, US

[72] ANGE, MARK, US

[71] CYGNUS GLOBAL LLC, US

[22] 2013-05-24

[41] 2013-12-04

[30] US (61/655,127) 2012-06-04

[30] US (61/691,421) 2012-08-21

[30] US (13/838,189) 2013-03-15

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[21] **2,817,236**  
[13] A1

[51] **Int.Cl. A61C 13/34 (2006.01) A61C 8/00 (2006.01)**

[25] EN

[54] **METHODS FOR PRODUCING A LABORATORY ANALOGUE FOR DENTAL IMPLANTS**

[54] **PROCEDE DE PRODUCTION D'UN ANALOGUE DE LABORATOIRE POUR IMPLANTS DENTAIRE**

[72] WOLDEGERGIS, YOHANNES, DE

[72] HORMANN, STEFAN, DE

[72] REDEMANN, HELMUT, DE

[72] BOEHM, UWE, DE

[71] HERAEUS KULZER GMBH, DE

[22] 2013-05-29

[41] 2013-12-06

[30] DE (10 2012 011 238.6) 2012-06-06

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[21] **2,817,238**  
[13] A1

[51] **Int.Cl. G06Q 20/06 (2012.01) G06Q 30/02 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS TO PROCESS LOYALTY BENEFITS**

[54] **SYSTEMES ET METHODES POUR TRAITER DES AVANTAGES DE FIDELITE**

[72] SALMON, DIANE C., US

[72] KIM, NANCY L., US

[72] VONDERHEIDE, JAMES ALAN, US

[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US

[22] 2013-05-29

[41] 2013-12-04

[30] US (61/655,455) 2012-06-04

[30] US (13/897,043) 2013-05-17

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[21] **2,817,304**  
[13] A1

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

[25] EN

[54] **A DOWNHOLE TOOL COUPLING AND METHOD OF ITS USE**

[54] **ACCOUPLLEMENT D'OUTILS DE FOND DE TROU ET SA METHODE D'UTILISATION**

[72] PIKE, JAMES ARTHUR, GB

[71] REEVES WIRELINE TECHNOLOGIES LIMITED, GB

[22] 2013-05-29

[41] 2013-12-01

[30] GB (1209805.9) 2012-06-01

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[21] **2,817,305**  
[13] A1

[51] **Int.Cl. G01V 1/34 (2006.01) G01V 1/38 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD OF HIGH DEFINITION TOMOGRAPHY AND RESOLUTION FOR USE IN GENERATING VELOCITY MODELS AND REFLECTIVITY IMAGES**

[54] **SYSTEME ET METHODE DE TOMOGRAPHIE ET DE RESOLUTION HAUTE DEFINITION A UTILISER POUR GENERER DES MODELES DE VELOCITE ET DES IMAGES DE REFLECTIVITE**

[72] PICA, ANTONIO, FR

[72] GUILLAUME, PATRICE, FR

[72] LAMBARE, GILLES, FR

[71] CGGVERITAS SERVICES SA, FR

[22] 2013-05-31

[41] 2013-12-01

[30] US (61/654,211) 2012-06-01

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[21] **2,817,315**  
[13] A1

[51] **Int.Cl. H02M 3/04 (2006.01) H02J 7/00 (2006.01) H04W 88/02 (2009.01)**

[25] EN

[54] **ASYMMETRIC SERIES POWER PACKS WITH EFFICIENT DC-DC CONVERSION**

[54] **BLOCS D'ALIMENTATION DE SERIE ASYMETRIQUES AVEC CONVERSION CONTINU-CONTINU EFFICACE**

[72] CHAN, WEN-YEN, CA

[71] RESEARCH IN MOTION LIMITED, CA

[22] 2013-05-31

[41] 2013-12-01

[30] EP (12170511.5) 2012-06-01

**Canadian Applications Open to Public Inspection  
December 1, 2013 to December 7, 2013**

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[21] **2,817,318**  
[13] A1

[51] **Int.Cl. G06F 3/0354 (2013.01) G06F 3/042 (2006.01)**  
[25] EN  
[54] **GRAPHICAL DISPLAY WITH OPTICAL PEN INPUT**  
[54] **AFFICHAGE GRAPHIQUE AVEC SAISIE PAR STYLET OPTIQUE**  
[72] PAUL, BINUSH KUMAR, CA  
[72] KEIP, PAUL ROBIN, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2013-05-31  
[41] 2013-12-01  
[30] EP (12170514.9) 2012-06-01

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[21] **2,817,328**  
[13] A1

[51] **Int.Cl. B65D 85/00 (2006.01)**  
[25] EN  
[54] **THREE DIMENSIONAL PACKAGING FOR MEDICAL IMPLANTS**  
[54] **EMBALLAGE TRIDIMENSIONNEL POUR IMPLANTS MEDICAUX**  
[72] HOGG, ANDREAS, CH  
[72] TARDY, YANIK, CH  
[72] AELLEN, THIERRY, CH  
[72] KEPPNER, HERBERT, CH  
[72] BURGER, JUERGEN, CH  
[71] MEDOS INTERNATIONAL SARL, CH  
[22] 2013-05-29  
[41] 2013-12-07  
[30] US (13/491,081) 2012-06-07

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[21] **2,817,332**  
[13] A1

[51] **Int.Cl. E04B 2/86 (2006.01) E04G 11/06 (2006.01)**  
[25] EN  
[54] **INTERLOCKING WEB FOR INSULATED CONCRETE FORMS**  
[54] **AME A VERROUILLAGE POUR COFFRAGES A BETON ISOLES**  
[72] HILLIARD, WILLIAM R., SR., US  
[71] HILLIARD, WILLIAM R., SR., US  
[22] 2013-05-30  
[41] 2013-12-06  
[30] US (61/656172) 2012-06-06

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[21] **2,817,346**  
[13] A1

[51] **Int.Cl. A61B 17/42 (2006.01)**  
[25] EN  
[54] **OBSTETRICAL INSTRUMENT**  
[54] **INSTRUMENT OBSTETRIQUE**  
[72] LEITCH, ROSEMARY ELAINE, US  
[71] LEITCH, ROSEMARY ELAINE, US  
[22] 2013-05-30  
[41] 2013-12-05  
[30] US (61/689,357) 2012-06-05

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[21] **2,817,353**  
[13] A1

[51] **Int.Cl. F03D 11/00 (2006.01) B66C 13/04 (2006.01)**  
[25] EN  
[54] **FACILITATED HANDLING OF WIND TURBINE BLADES**  
[54] **MANUTENTION FACILITEE DE PALES DE TURBINE EOLIENNE**  
[72] FALKENBERG, PETER  
LOEVENSKJOLD, DK  
[72] LAURBERG, HANS, DK  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[22] 2013-05-30  
[41] 2013-12-01  
[30] EP (12170532.1) 2012-06-01

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[21] **2,817,397**  
[13] A1

[51] **Int.Cl. A63H 5/00 (2006.01) A63H 33/00 (2006.01) G06F 19/00 (2011.01) G09B 5/04 (2006.01) G10L 13/00 (2006.01)**  
[25] EN  
[54] **A FILL-IN-THE-BLANK AUDIO-STORY ENGINE**  
[54] **MOTEUR POUR HISTOIRE AUDIO A COMPLETER**  
[72] BATES, ANNE CATHERINE, US  
[72] GAHR, JASON PAUL, US  
[72] SCHEFF, ADAM SAMUEL, US  
[72] PENROD, JASON BLAKE, US  
[72] YOUNG, STEPHANIE FARRIS, US  
[72] LIEN, TIMOTHY JAY, US  
[72] MONACO, MICHAEL ANTHONY, JR., US  
[71] HALLMARK CARDS, INCORPORATED, US  
[22] 2013-06-03  
[41] 2013-12-04  
[30] US (13/488,070) 2012-06-04

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[21] **2,817,410**  
[13] A1

[51] **Int.Cl. A61B 17/34 (2006.01) A61M 39/02 (2006.01)**  
[25] EN  
[54] **OBTURATOR TIP WITH INSUFFLATION PATHWAY**  
[54] **POINTE D'OBTURATEUR A VOIE D'INSUFFLATION**  
[72] EVANS, CHRISTOPHER KELLY, US  
[72] FISCHVOGT, GREGORY, US  
[71] COVIDIEN LP, US  
[22] 2013-06-03  
[41] 2013-12-06  
[30] US (61/656,126) 2012-06-06  
[30] US (13/905,363) 2013-05-30

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[21] **2,817,422**  
[13] A1

[51] **Int.Cl. B65G 23/08 (2006.01) B65G 13/02 (2006.01) B65G 23/04 (2006.01)**  
[25] EN  
[54] **MOTORIZED CONVEYOR ROLLER FOR CONVEYOR SYSTEMS FOR CONVEYING CONTAINERS, PALLETS AND THE LIKE**  
[54] **ROULEAU DE CONVOYEUR MOTORISE POUR SYSTEMES DE CONVOYEUR POUR TRANSPORTER DES CONTENANTS, DES PALETTES ET DES OBJETS SIMILAIRES**  
[72] LINDEMANN, HARRY, DE  
[71] INTERROLL HOLDING AG, CH  
[22] 2013-05-30  
[41] 2013-12-01  
[30] EP (202012005380.9) 2012-06-01

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[21] **2,817,428**  
[13] A1

[51] **Int.Cl. C02F 9/04 (2006.01) C02F 1/52 (2006.01) C02F 1/72 (2006.01)**  
[25] EN  
[54] **MODULAR PRECIPITATION AND OXIDIZED WATER TREATMENT**  
[54] **PRECIPITATION MODULAIRE ET TRAITEMENT D'EAU OXYDEE**  
[72] BOWER, DAVID, US  
[71] CONCORD PRODUCED WATER SERVICES, LLC, US  
[22] 2013-05-30  
[41] 2013-12-01  
[30] US (61/654,220) 2012-06-01

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**Demandes canadiennes mises à la disponibilité du public**  
**1 décembre 2013 au 7 décembre 2013**

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[21] **2,817,431**  
[13] A1

[51] **Int.Cl. G06Q 20/40 (2012.01) G07F 7/10 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR REQUESTING AND PROCESSING PIN DATA USING A DIGIT SUBSET FOR SUBSEQUENT PIN AUTHENTICATION**  
[54] **SYSTEME ET METHODE DE DEMANDE ET DE TRAITEMENT DE DONNEES DE NUMERO D'IDENTIFICATION PERSONNEL AU MOYEN D'UN SOUS-ENSEMBLE DE CHIFFRES AUX FINS D'UNE AUTHENTIFICATION DE NUMERO D'IDENTIFICATION PERSONNEL SUBSEQUENTE**  
[72] JABBOUR, NAMEH, CA  
[72] AKDENIZ, SINAN OLCAITON, CA  
[71] JABBOUR, NAMEH, CA  
[22] 2013-05-31  
[41] 2013-12-01  
[30] US (61/654,420) 2012-06-01

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[21] **2,817,435**  
[13] A1

[51] **Int.Cl. A01G 23/083 (2006.01)**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR PROCESSING A LENGTH OF MATERIAL**  
[54] **PROCEDE ET APPAREIL POUR TRAITER UNE LONGUEUR DE MATERIAU**  
[72] KAYE, BRETT JAMES, NZ  
[71] WARATAH NZ LIMITED, NZ  
[22] 2013-05-31  
[41] 2013-12-06  
[30] NZ (600483) 2012-06-06  
[30] NZ (608293) 2013-03-15

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[21] **2,817,438**  
[13] A1

[51] **Int.Cl. B23K 31/00 (2006.01) B23P 11/00 (2006.01) G06F 19/00 (2011.01)**  
[25] EN  
[54] **NUMERICAL MODELING OF LINEWELD CONNECTIONS**  
[54] **MODELISATION NUMERIQUE DE LIAISONS DE SOUDAGE EN LIGNE**  
[72] ROY, RITWICK, US  
[72] ORTIZ, JUAN ANTONIO HURTADO, US  
[72] OANCEA, VICTOR GEORGE, US  
[72] CHINNAKONDA, MANOJ KUMAR MOHANRAM, US  
[72] ROSWALL, MARTIN TAGE, US  
[71] DASSAULT SYSTEMES SIMULIA CORP., US  
[22] 2013-06-03  
[41] 2013-12-04  
[30] US (13/487,900) 2012-06-04

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[21] **2,817,439**  
[13] A1

[51] **Int.Cl. B65D 47/30 (2006.01)**  
[25] EN  
[54] **PLUG FOR USE IN A BEVERAGE CONTAINER**  
[54] **BOUCHON A UTILISER DANS UN CONTENANT DE BOISSON**  
[72] TACHI, KATSUAKI, JP  
[71] THERMOS K.K., JP  
[71] THERMOS LIMITED LIABILITY COMPANY, US  
[22] 2013-05-31  
[41] 2013-12-04  
[30] JP (2012-127508) 2012-06-04

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[21] **2,817,441**  
[13] A1

[51] **Int.Cl. A01G 23/097 (2006.01)**  
[25] EN  
[54] **DELIMB KNIFE WITH INTEGRATED SIDE BLADES**  
[54] **COUTEAU D'EBRANCHAGE AVEC LAMES LATERALES INTEGRES**  
[72] SWINYARD, DOUGLAS CRAIG, NZ  
[71] DEERE & COMPANY, US  
[22] 2013-05-31  
[41] 2013-12-06  
[30] NZ (600469) 2012-06-06

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[21] **2,817,458**  
[13] A1

[51] **Int.Cl. E21B 43/26 (2006.01) G01V 9/00 (2006.01)**  
[25] EN  
[54] **HYDRAULIC FRACTURE SIMULATION WITH AN EXTENDED FINITE ELEMENT METHOD**  
[54] **SIMULATION DE FRACTURE HYDRAULIQUE A L'AIDE D'UNE METHODE DES ELEMENTS FINIS ETENDUS**  
[72] XIA, LIN, US  
[72] DU, ZHEN-ZHONG, US  
[72] WOHLEVER, CHRIS, US  
[71] DASSAULT SYSTEMES SIMULIA CORP., US  
[22] 2013-06-03  
[41] 2013-12-07  
[30] US (13/491,164) 2012-06-07

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[21] **2,817,473**  
[13] A1

[51] **Int.Cl. E04B 1/70 (2006.01) B60H 1/26 (2006.01)**  
[25] EN  
[54] **VENTILATION SCREEN**  
[54] **REGISTRE DE VENTILATION**  
[72] CRUZ-AGUADO, JORGE ANDRES, CA  
[71] CRUZ-AGUADO, JORGE ANDRES, CA  
[22] 2013-05-31  
[41] 2013-12-03  
[30] US (61/654921) 2012-06-03

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[21] **2,817,474**  
[13] A1

[51] **Int.Cl. H02M 7/44 (2006.01) C01B 33/035 (2006.01) H02M 5/10 (2006.01) H02M 7/5387 (2007.01)**  
[25] EN  
[54] **THE POWER SUPPLY ARRANGEMENT WITH AN INVERTER FOR PRODUCING A SINGLE-PHASE ALTERNATING CURRENT**  
[54] **AGENCEMENT DE BLOCS D'ALIMENTATION AVEC ONDULEUR POUR PRODUIRE UN COURANT ALTERNATIF MONOPHASE**  
[72] AVERBERG, ANDREAS, DE  
[71] AEG POWER SOLUTIONS B.V., NL  
[22] 2013-05-31  
[41] 2013-12-01  
[30] EP (12 170 482.9) 2012-06-01

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December 1, 2013 to December 7, 2013**

[21] **2,817,475**  
[13] A1

[51] **Int.Cl. G06F 9/44 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR TRACKING COMPLIANCE INFORMATION FOR A BUILD-SYSTEM PRODUCT**

[54] **SYSTEME ET METHODE POUR ASSURER LE SUIVI DES RENSEIGNEMENTS DE CONFORMITE POUR UN PRODUIT DE SYSTEME DE COMPILATION**

[72] RUSSELL, KEITH RODERICK, CA  
[72] JOHNSON, ERIC ANTHONY, CA  
[72] MICHALYSHYN, MICHAEL PAUL, CA  
[71] QNX SOFTWARE SYSTEMS LIMITED, CA  
[22] 2013-05-31  
[41] 2013-12-01  
[30] EP (12170433.2) 2012-06-01

[21] **2,817,476**  
[13] A1

[51] **Int.Cl. F41G 1/35 (2006.01) F41C 27/00 (2006.01) F41G 3/26 (2006.01) F41J 5/14 (2006.01)**

[25] EN  
[54] **BLANK FIRING LASER ATTACHMENT**

[54] **DISPOSITIF LASER DE TIR A BLANC**

[72] POIRIER, JEAN MARC, CA  
[72] POIRIER, BRADLEY MARC, CA  
[71] NORTHERN OPTOTRONICS INC., CA  
[22] 2013-05-31  
[41] 2013-12-01  
[30] US (61/654,177) 2012-06-01

[21] **2,817,487**  
[13] A1

[51] **Int.Cl. B64F 5/00 (2006.01) B64C 27/54 (2006.01) G01L 5/00 (2006.01) G01M 17/00 (2006.01)**

[25] EN  
[54] **DETERMINING ROTORCRAFT COLLECTIVE ADJUSTMENT DURING GROUND TEST**

[54] **DETERMINATION DE REGLAGE DE COLLECTIF DE GIRAVION AU COURS D'UN ESSAI AU SOL**

[72] GREEN, DAVID L., US  
[72] CHIN, HARRISON H., US  
[72] KUNSELMAN, HOWARD S., US  
[71] SIMMONDS PRECISION PRODUCTS, INC., US  
[22] 2013-05-31  
[41] 2013-12-06  
[30] US (13/490,229) 2012-06-06

[21] **2,817,489**  
[13] A1

[51] **Int.Cl. A41D 13/12 (2006.01) A41D 1/00 (2006.01)**

[25] EN  
[54] **DISPOSABLE MEDICAL GOWNS**

[54] **BLOUSES MEDICALES JETABLES**

[72] GRANETO, JOSEPH A., III, US  
[71] ICP MEDICAL, LLC, US  
[22] 2013-05-31  
[41] 2013-12-02  
[30] US (61/654,856) 2012-06-02

[21] **2,817,496**  
[13] A1

[51] **Int.Cl. F01K 27/00 (2006.01) F24F 1/20 (2011.01) F24F 1/38 (2011.01) F24F 1/46 (2011.01) F01D 15/10 (2006.01) H02J 3/38 (2006.01) H02J 7/00 (2006.01) H02K 7/18 (2006.01)**

[25] EN  
[54] **APPARATUS AND METHODS FOR ELECTRICITY GENERATION FROM EXHAUST OF CONDENSER OF HVAC SYSTEM**

[54] **APPAREILS ET PROCEDES DE PRODUCTION D'ELECTRICITE A PARTIR DE L'ECHAPPEMENT D'UN CONDENSEUR D'UN SYSTEME DE CHAUFFAGE, VENTILATION ET CONDITIONNEMENT D'AIR**

[72] SCHULER, BERNHARD, L., US  
[71] FANERGIES LLC, US  
[22] 2013-05-31  
[41] 2013-12-01  
[30] US (61/654,621) 2012-06-01

[21] **2,817,498**  
[13] A1

[51] **Int.Cl. H02H 3/06 (2006.01) B64D 41/00 (2006.01) B64D 47/00 (2006.01) H02H 3/08 (2006.01)**

[25] EN  
[54] **IN-RUSH CURRENT LIMITER AND METHOD FOR STOWABLE AND CARRY-ON DEVICES**

[54] **LIMITEUR DE COURANT D'APPEL ET PROCEDE POUR DISPOSITIFS ESCAMOTABLES ET EMBARQUES**

[72] SRINIVAS, ASHVIN, US  
[72] FAIR, KENNETH, US  
[72] MEAD, STEPHEN, US  
[72] MUKHERJEE, ANIMESH, US  
[71] HONEYWELL INTERNATIONAL INC., US  
[22] 2013-05-31  
[41] 2013-12-06  
[30] US (61/656,072) 2012-06-06  
[30] US (13/900,972) 2013-05-23

[21] **2,817,500**  
[13] A1

[51] **Int.Cl. B65D 88/30 (2006.01)**

[25] EN  
[54] **CONTAINER FOR PARTICULATE MATERIAL**

[54] **CONTENANT POUR MATIERE PARTICULAIRE**

[72] YIELDING, BRYAN, US  
[71] HEIL TRAILER INTERNATIONAL, CO., US  
[22] 2013-06-03  
[41] 2013-12-07  
[30] US (61/689,515) 2012-06-07

[21] **2,817,508**  
[13] A1

[51] **Int.Cl. B29C 44/18 (2006.01) E04F 21/06 (2006.01) E04G 13/00 (2006.01) F16L 59/00 (2006.01)**

[25] EN  
[54] **FORMING DEVICE FOR INSULATION**

[54] **DISPOSITIF DE FORMATION POUR ISOLANT**

[72] O'DONNELL, GLEN W., US  
[71] O'DONNELL, GLEN W., US  
[22] 2013-06-03  
[41] 2013-12-04  
[30] US (61/655,257) 2012-06-04  
[30] US (61/658,583) 2012-06-12  
[30] US (61/788,624) 2013-03-15  
[30] US (13/908,324) 2013-06-03



**Demandes canadiennes mises à la disponibilité du public**  
**1 décembre 2013 au 7 décembre 2013**

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[21] **2,817,513**  
[13] A1

[51] **Int.Cl. G01N 27/00 (2006.01) B64D 15/20 (2006.01) F03D 11/00 (2006.01)**

[25] EN

[54] **APPARATUS FOR MEASURING ICE DEPOSITION ON THE ROTOR BLADES OF A WIND TURBINE**

[54] **APPAREIL DE MESURE DU DEPOT DE GIVRE SUR LES PALES D'UN ROTOR D'UNE TURBINE EOLIENNE**

[72] BUCHEGGER, THOMAS, AU

[72] HESCH, CLEMENS, AU

[71] HAINZL INDUSTRIESYSTEME GMBH, AU

[22] 2013-06-03

[41] 2013-12-05

[30] AT (A50221/2012) 2012-06-05

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[21] **2,817,550**  
[13] A1

[51] **Int.Cl. F16B 5/00 (2006.01) F16M 11/00 (2006.01) F24J 2/52 (2006.01)**

[25] EN

[54] **ERECTION SYSTEM FOR SOLAR PANELS**

[54] **SYSTEME D'ERECTION DE PANNEAUX SOLAIRES**

[72] THURNER, GUNTHER, DE

[72] THURNER, MARTIN, DE

[71] KRINNER INNOVATION GMBH, DE

[22] 2013-06-03

[41] 2013-12-01

[30] DE (20 2012 005 413.9) 2012-06-01

[30] DE (20 2012 008 443.7) 2012-09-04

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[21] **2,817,554**  
[13] A1

[51] **Int.Cl. H04W 4/00 (2009.01) H04W 80/12 (2009.01) G06F 17/00 (2006.01)**

[25] EN

[54] **MOBILE CONTENT MANAGEMENT SYSTEM**

[54] **SYSTEME DE GESTION DE CONTENU MOBILE**

[72] HASHMI, ATIQ, US

[71] HASHMI, ATIQ, US

[22] 2013-06-03

[41] 2013-12-01

[30] US (61/654,225) 2012-06-01

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[21] **2,817,558**  
[13] A1

[51] **Int.Cl. E21B 47/12 (2012.01) H04B 1/707 (2011.01) H04J 13/00 (2011.01)**

[25] EN

[54] **ASYNCHRONOUS DS-CDMA RECEIVER**

[54] **RECEPTEUR DS-CDMA ASYNCHRONE**

[72] TROITE, TORGEIR ANDERSSSEN, NO

[72] LEHNER, DEAN TAYLOR, US

[72] LUNDLI, STIAN, NO

[72] JAHN, MICHAEL WALTER, US

[71] WEATHERFORD/LAMB, INC., US

[22] 2013-06-04

[41] 2013-12-04

[30] US (13/487,453) 2012-06-04

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[21] **2,817,559**  
[13] A1

[51] **Int.Cl. G06F 9/06 (2006.01) G06F 9/44 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CHANGING ABILITIES OF A PROCESS**

[54] **SYSTEME ET METHODE POUR MODIFIER LES CAPACITES D'UN PROCESSUS**

[72] STECHER, BRIAN JOHN, CA

[72] GOODMAN, KEVIN, CA

[72] RISTOVSKI, ALEKSANDAR, CA

[71] QNX SOFTWARE SYSTEMS LIMITED, CA

[22] 2013-06-04

[41] 2013-12-06

[30] US (13/490,180) 2012-06-06

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[21] **2,817,562**  
[13] A1

[51] **Int.Cl. D04H 1/4218 (2012.01) A47G 27/02 (2006.01) D06M 11/83 (2006.01) E04F 13/00 (2006.01) E04F 15/00 (2006.01)**

[25] EN

[54] **COATED NON-WOVEN FABRICS FROM INORGANIC FIBERS AND FUNCTIONAL, DECORATIVE LAYERS FOR FLOOR COVERINGS, CEILING COVERINGS AND WALL COVERINGS MANUFACTURED THEREFROM**

[54] **TISSUS NON-TISSES REVETUS FABRIQUES A PARTIR DE FIBRES INORGANIQUES ET COUCHES FONCTIONNELLES DECORATIVES POUR REVETEMENTS DE SOL, REVETEMENTS DE PLAFOND ET REVETEMENTS MURAUX FABRIQUES A PARTIR DE CEUX-CI**

[72] KETZER, MICHAEL, DE

[72] GLEICH, KLAUS FRIEDRICH, US

[71] JOHNS MANVILLE, US

[22] 2013-06-03

[41] 2013-12-06

[30] DE (10 2012 011 234.3) 2012-06-06

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[21] **2,817,571**  
[13] A1

[51] **Int.Cl. C08L 61/24 (2006.01) C03C 25/34 (2006.01) C03C 27/10 (2006.01) C08J 5/06 (2006.01) C08K 5/15 (2006.01)**

[25] EN

[54] **FORMALDEHYDE FREE BINDER COMPOSITIONS WITH UREA-ALDEHYDE REACTION PRODUCTS**

[54] **COMPOSITIONS DE LIANT SANS FORMALDEHYDE AVEC PRODUITS DE REACTION AVEC LE FORMALDEHYDE-UREE**

[72] SHOOSHTARI, KIARASH ALAVI, US

[71] JOHNS MANVILLE, US

[22] 2013-06-03

[41] 2013-12-07

[30] US (13/490,638) 2012-06-07

**Canadian Applications Open to Public Inspection  
December 1, 2013 to December 7, 2013**

[21] **2,817,603**  
[13] A1

[51] **Int.Cl. F23J 11/02 (2006.01) B60S 5/00 (2006.01) F24F 7/04 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR POSITIONING FLEXIBLE TUBING IN ALIGNMENT WITH VEHICLE EXHAUST PIPE**  
[54] **APPAREIL ET PROCEDURE DE POSITIONNEMENT DE TUBE FLEXIBLE EN ALIGNEMENT AVEC LE TUYAU D'ECHAPPEMENT D'UN VEHICULE**  
[72] KRAMER, VANCE M., US  
[72] ALTSTAETTER, JACOB D., US  
[71] CRUSHPROOF TUBING COMPANY, US  
[22] 2013-06-04  
[41] 2013-12-05  
[30] US (61/655,589) 2012-06-05  
[30] US (13/908,358) 2013-06-03

[21] **2,817,607**  
[13] A1

[51] **Int.Cl. E02F 9/28 (2006.01)**  
[25] EN  
[54] **DUAL THREAD HAMMERLESS WEDGE AND SPOOL**  
[54] **COIN ET BRIDE SANS MARTEAU A DOUBLE FIL**  
[72] KNIGHT, GARRETT D., CA  
[71] RAPTOR MINING PRODUCTS INC., CA  
[22] 2013-06-04  
[41] 2013-12-06  
[30] US (61/689,440) 2012-06-06

[21] **2,817,611**  
[13] A1

[51] **Int.Cl. F16M 7/00 (2006.01) F24J 2/52 (2006.01)**  
[25] EN  
[54] **SOLAR PANEL ATTACHMENT SYSTEM**  
[54] **SYSTEME DE FIXATION DE PANNEAUX SOLAIRES**  
[72] WEST, JOHN RAYMOND, US  
[72] HUDSON, TYRUS HAWKES, US  
[72] CARRASCO, JOSE DAVID MOLINA, US  
[71] ZEP SOLAR, INC., US  
[22] 2013-06-04  
[41] 2013-12-06  
[30] US (61/656,230) 2012-06-06

[21] **2,817,613**  
[13] A1

[51] **Int.Cl. A62B 18/02 (2006.01) A62B 18/08 (2006.01)**  
[25] EN  
[54] **IMPROVED RESPIRATORY MASK WITH DISPOSABLE CLOTH BODY**  
[54] **MASQUE RESPIRATOIRE AMELIORE AVEC CORPS EN TOILE JETABLE**  
[72] GROLL, DAVID, US  
[72] MAHOFSKI, RONNIE E., US  
[72] SCANDINARO, NADINE, US  
[71] CIRCADIANCE, LLC, US  
[22] 2013-06-04  
[41] 2013-12-05  
[30] US (61/655,623) 2012-06-05  
[30] US (13/831,239) 2013-03-14

[21] **2,817,614**  
[13] A1

[51] **Int.Cl. E04B 2/00 (2006.01)**  
[25] EN  
[54] **WALL PANEL SYSTEM**  
[54] **SYSTEME DE PANNEAUX MURAUX**  
[72] KRIEGER, KEVIN, US  
[71] MARLITE, INC., US  
[22] 2013-06-04  
[41] 2013-12-06  
[30] US (13/489,623) 2012-06-06

[21] **2,817,651**  
[13] A1

[51] **Int.Cl. C09K 8/12 (2006.01) E21B 21/00 (2006.01)**  
[25] EN  
[54] **DRILLING FLUIDS USEFUL FOR LIMITING TAR SAND ACCRETION**  
[54] **FLUIDES DE FORAGE UTILES POUR LIMITER L'ACCRETION DES SABLES BITUMINEUX**  
[72] GHESNER, IOAN, CA  
[71] DIVERSITY TECHNOLOGIES CORPORATION, CA  
[22] 2013-06-04  
[41] 2013-12-04  
[30] CA (2,779,190) 2012-06-04

[21] **2,817,652**  
[13] A1

[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 17/00 (2006.01)**  
[25] EN  
[54] **CONTROLLED CREATION OF REPORTS FROM TABLE VIEWS**  
[54] **CREATION CONTROLLEE DE RAPPORTS PROVENANT DE VUES TABULAIRES**  
[72] PAULUS, MICHAEL, US  
[72] CHAN, WAI LOON, US  
[72] MARTELL, RICHARD THOMAS, III, US  
[72] MIRRA, JASON, US  
[71] ADDEPAR, INC., US  
[22] 2013-06-05  
[41] 2013-12-06  
[30] US (13/490,238) 2012-06-06  
[30] US (13/646,855) 2012-10-08

[21] **2,817,656**  
[13] A1

[51] **Int.Cl. G06Q 40/02 (2012.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR FINANCING SELF-SUFFICIENT ENERGY SYSTEMS**  
[54] **METHODE ET SYSTEME POUR LE FINANCEMENT DE SYSTEMES ENERGETIQUES AUTONOMES**  
[72] HARLINGTON, CAISEY, GB  
[72] MARUSYK, RANDALL W., CA  
[71] HARLINGTON, CAISEY, GB  
[71] MARUSYK, RANDALL W., CA  
[22] 2013-06-05  
[41] 2013-12-05  
[30] US (61/655,962) 2012-06-05  
[30] CA (2,784,635) 2012-08-03  
[30] CA (2,784,642) 2012-08-03

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,817,660**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/14 (2006.01) G06Q 40/00 (2012.01)**  
 [25] EN  
 [54] **GRAPH TRAVERSAL FOR GENERATING TABLE VIEWS**  
 [54] **TRAVERSEE DE GRAPHE POUR GENERER DES VUES TABULAIRES**  
 [72] MIRRA, JASON, US  
 [72] SHERBONDY, ANTHONY, US  
 [72] NGUYEN, NHAN, US  
 [72] PAULUS, MICHAEL, US  
 [72] REYNOLDS, ZACHARY, US  
 [72] CHU, WILLIAM, US  
 [72] CHAN, WAI LOON, US  
 [72] ZHANG, JERRY, US  
 [72] MARTELL, RICHARD THOMAS, III, US  
 [72] ROSS, JUSTIN, US  
 [72] GREENBAUM, MICHAEL, US  
 [72] LONSDALE, JOE, US  
 [71] ADDEPAR, INC., US  
 [22] 2013-06-05  
 [41] 2013-12-06  
 [30] US (13/490,238) 2012-06-06

[21] **2,817,716**  
[13] A1

[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01)**  
 [25] EN  
 [54] **OPTIMISATION OF RESOURCE MANAGEMENT USING PERFECT KNOWLEDGE BIAS**  
 [54] **OPTIMISATION DE LA GESTION DES RESSOURCES AU MOYEN DU SAVOIR PRECONCU PARFAIT**  
 [72] REZNICHEK, KARL, CA  
 [72] SNELL, JACOB Q., CA  
 [71] MANITOBA HYDRO, CA  
 [22] 2013-05-29  
 [41] 2013-12-01  
 [30] US (61/654,376) 2012-06-01

[21] **2,817,951**  
[13] A1

[51] **Int.Cl. F21V 14/04 (2006.01) F21S 8/00 (2006.01) F21V 7/16 (2006.01)**  
 [25] EN  
 [54] **LIGHT REFLECTOR FOR A HORTICULTURAL DEVICE**  
 [54] **REFLECTEUR DE LUMIERE POUR DISPOSITIF HORTICOLE**  
 [72] DUMONT, GILLES, CA  
 [71] DUMONT, GILLES, CA  
 [22] 2013-06-03  
 [41] 2013-12-01  
 [30] US (61/689,257) 2012-06-01

[21] **2,817,965**  
[13] A1

[51] **Int.Cl. C22B 3/18 (2006.01) C12P 3/00 (2006.01)**  
 [25] EN  
 [54] **BIOLOGICAL METHOD FOR LIQUID FERRIC SULFATE MANUFACTURING**  
 [54] **METHODE BIOLOGIQUE POUR LA FABRICATION DE SULFATE DE FER LIQUIDE**  
 [72] ORR, MURRAY ROSS, CA  
 [72] NAGY, LOU, CA  
 [72] MILLER, PAUL CHARLES, AU  
 [72] GUO, JUNXIANG, CA  
 [71] BACTECH ENVIRONMENTAL CORPORATION, CA  
 [22] 2013-06-04  
 [41] 2013-12-04  
 [30] US (61/655,283) 2012-06-04  
 [30] US (13/830,440) 2013-03-14

[21] **2,818,054**  
[13] A1

[51] **Int.Cl. B29C 49/42 (2006.01)**  
 [25] EN  
 [54] **SYSTEM FOR SPACING AND TRANSFERRING OBJECTS BETWEEN OPERATIVE STATIONS**  
 [54] **SYSTEME POUR ESPACER ET TRANSFERER DES OBJETS ENTRE DES POSTES OPERATEURS**  
 [72] ZACCHE', VANNI, IT  
 [72] SALVI, GIORGIO, IT  
 [72] GRAZIOLI, MARCO, IT  
 [71] SMI S.P.A., IT  
 [22] 2013-06-05  
 [41] 2013-12-07  
 [30] IT (MI2012A000991) 2012-06-07

[21] **2,818,056**  
[13] A1

[51] **Int.Cl. G06T 19/00 (2011.01) G06F 17/50 (2006.01)**  
 [25] EN  
 [54] **METHOD AND SYSTEM FOR DYNAMICALLY MANIPULATING AN ASSEMBLY OF OBJECTS IN A THREE-DIMENSIONAL SCENE OF A SYSTEM OF COMPUTER-AIDED DESIGN**  
 [54] **METHODE ET SYSTEME POUR MANIPULER DYNAMIQUEMENT UN ENSEMBLE D'OBJETS DANS UNE SCENE TRIDIMENSIONNELLE D'UN SYSTEME DE CONCEPTION ASSISTEE PAR ORDINATEUR**  
 [72] SANTIQUET, LAURENT, FR  
 [72] FAURE, BERTRAND, FR  
 [71] DASSAULT SYSTEMES, FR  
 [22] 2013-06-06  
 [41] 2013-12-07  
 [30] EP (12305654.1) 2012-06-07

[21] **2,818,061**  
[13] A1

[51] **Int.Cl. C22C 38/52 (2006.01) C22C 38/06 (2006.01) C22C 38/44 (2006.01)**  
 [25] EN  
 [54] **MARAGING STEEL**  
 [54] **ACIER MARAGING**  
 [72] UETA, SHIGEKI, JP  
 [72] TAKABAYASHI, HIROYUKI, JP  
 [72] KIMURA, EI, JP  
 [72] TANAKA, YUTA, JP  
 [72] TAKAHASHI, SATOSHI, JP  
 [72] NAKANOWATARI, ISAO, JP  
 [72] SASAKI, KOTA, JP  
 [72] YAMANE, KOSHIRO, JP  
 [72] YUSA, SATORU, JP  
 [71] DAIDO STEEL CO., LTD., JP  
 [71] IHI CORPORATION, JP  
 [22] 2013-06-05  
 [41] 2013-12-06  
 [30] JP (2012-128480) 2012-06-06  
 [30] JP (2013-108556) 2013-05-23

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[21] **2,818,063**  
[13] A1

[51] **Int.Cl. G06T 19/00 (2011.01) G06F 17/50 (2006.01)**  
[25] EN  
[54] **COMPUTER-IMPLEMENTED METHOD FOR DEFINING INITIAL CONDITIONS FOR DYNAMIC SIMULATION OF AN ASSEMBLY OF OBJECTS IN A THREE-DIMENSIONAL SCENE OF A SYSTEM OF COMPUTER-AIDED DESIGN**  
[54] **PROCEDE MIS EN ŒUVRE PAR ORDINATEUR POUR DEFINIR LES CONDITIONS INITIALES DE SIMULATION DYNAMIQUE D'UN ENSEMBLE D'OBJETS DANS UNE SCENE TRIDIMENSIONNELLE D'UN SYSTEME DE CONCEPTION ASSISTEE PAR ORDINATEUR**  
[72] SANTIQUET, LAURENT, FR  
[72] FAURE, BERTRAND, FR  
[71] DASSAULT SYSTEMES, FR  
[22] 2013-06-06  
[41] 2013-12-07  
[30] EP (12305655.8) 2012-06-07

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[21] **2,818,069**  
[13] A1

[51] **Int.Cl. H04L 12/24 (2006.01) H04W 4/12 (2009.01) H04W 68/00 (2009.01) H04L 12/58 (2006.01) H04M 3/42 (2006.01)**  
[25] EN  
[54] **METHOD, SYSTEM AND APPARATUS FOR PROVIDING NOTIFICATIONS**  
[54] **METHODE, SYSTEME ET APPAREIL POUR FOURNIR DES AVIS**  
[72] TALUKDAR, TANEEM AHMED, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2013-06-05  
[41] 2013-12-06  
[30] EP (12170947.1) 2012-06-06

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[21] **2,818,070**  
[13] A1

[51] **Int.Cl. B61F 5/14 (2006.01)**  
[25] EN  
[54] **RAILCAR CONSTANT CONTACT SIDE BEARING ASSEMBLY**  
[54] **ENSEMBLE PALIER LATERAL DE CONTACT CONSTANT DE VEHICULE FERROVIAIRE**  
[72] ASPENGRN, PAUL B., US  
[72] JENSEN, ERIK D., US  
[72] VANMALDEGIAM, MICHAEL D., US  
[72] MERGES, ADAM J., US  
[72] STANEK, MARK W., US  
[72] BALLERINI, JEFF, US  
[72] WHITE, STEVE R., US  
[72] KRIES, ANDY R., US  
[72] HAYMOND, BRADLEY J., US  
[72] SCHOEDL, ERICH A., US  
[71] MINER ENTERPRISES, INC., US  
[22] 2013-06-06  
[41] 2013-12-07  
[30] US (13/507,145) 2012-06-07  
[30] US (13/862,030) 2013-04-12

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[21] **2,818,073**  
[13] A1

[51] **Int.Cl. G06Q 40/02 (2012.01)**  
[25] EN  
[54] **PROVIDING LOAN SERVICES IN THE EVENT OF A TOTAL LOSS CLAIM**  
[54] **OFFRE DE SERVICES DE PRET EN CAS DE PERTES TOTALES**  
[72] ROLL, LEIF A., US  
[72] WU, JUN, US  
[72] JOHNSON, JOHN F., US  
[72] LEIGH, KIMBERLY D., US  
[71] STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY, US  
[22] 2013-06-06  
[41] 2013-12-06  
[30] US (13/489,597) 2012-06-06

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[21] **2,818,090**  
[13] A1

[51] **Int.Cl. B21B 37/50 (2006.01)**  
[25] EN  
[54] **HOT STRIP MILL CONTROLLER**  
[54] **CONTROLEUR D'INSTALLATION DE LAMINAGE A CHAUD**  
[72] MECEV, ALEKSANDAR, GB  
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED, GB  
[22] 2013-06-05  
[41] 2013-12-06  
[30] EP (12004318.7) 2012-06-06

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[21] **2,818,104**  
[13] A1

[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/12 (2009.01)**  
[25] FR  
[54] **TRANSMISSION PROCESS IN A MULTI-ADDRESS NETWORK**  
[54] **PROCEDE DE TRANSMISSION DANS UN RESEAU MULTI-DESTINATAIRES**  
[72] KHALIFE, HICHAM, FR  
[72] LEGUAY, JEREMIE, FR  
[72] CONAN, VANIA, FR  
[71] THALES, FR  
[22] 2013-06-04  
[41] 2013-12-05  
[30] FR (12 01621) 2012-06-05

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[21] **2,818,106**  
[13] A1

[51] **Int.Cl. G06Q 40/04 (2012.01)**  
[25] EN  
[54] **BLIND ETF WITH SMALL LOT REDEMPTION TRIGGER**  
[54] **FONDS NEGOCIE EN BOURSE AVEUGLE AVEC DECLENCHEUR DE RACHAT DE PETITS LOTS**  
[72] ARCHARD, NOEL, US  
[72] WOJNAR, DARIUSZ, US  
[72] KELLY, TONY, US  
[72] CLEMONS, LELAND, US  
[71] BLACKROCK INSTITUTIONAL TRUST COMPANY, N.A., US  
[22] 2013-06-04  
[41] 2013-12-07  
[30] US (13/491,512) 2012-06-07

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[21] **2,818,113**  
[13] A1

[51] **Int.Cl. G06F 21/60 (2013.01) G06F 17/00 (2006.01) G06Q 50/22 (2012.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING A SECURED DATA OBJECT AND SYSTEM**  
[54] **METHODE DE PRODUCTION D'UN OBJET DE DONNEES SECURISEES ET SYSTEME**  
[72] FELLER, OLAF, FR  
[72] BRENNECKE, BURKHARDT, DE  
[71] CP.MEDIA AG, CH  
[22] 2013-06-04  
[41] 2013-12-07  
[30] DE (10 2012 104 947.5) 2012-06-07

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**1 décembre 2013 au 7 décembre 2013**

[21] **2,818,127**  
[13] A1

[51] **Int.Cl. B44C 3/04 (2006.01) B29C 49/00 (2006.01) B44F 9/02 (2006.01) F24D 13/02 (2006.01)**

[25] EN  
 [54] **BLOW-MOLDED LOG ASSEMBLY FOR ELECTRIC FIREPLACES**  
 [54] **ENSEMBLE DE BUCHES MOULEES PAR SOUFFLAGE POUR FOYERS ELECTRIQUES**

[72] CROWE, MATTHEW, CA  
 [71] TWIN-STAR INTERNATIONAL, INC., US  
 [22] 2013-06-06  
 [41] 2013-12-06  
 [30] US (13/489,903) 2012-06-06

[21] **2,818,154**  
[13] A1

[51] **Int.Cl. A47F 7/30 (2006.01) A47C 19/22 (2006.01)**

[25] EN  
 [54] **MATTRESS DISPLAY**  
 [54] **PRESENTOIR DE MATELAS**

[72] ROSS, JAMES P., US  
 [71] DREAMWELL, LTD., US  
 [22] 2013-05-30  
 [41] 2013-12-04  
 [30] US (61/642,511) 2012-06-04

[21] **2,818,214**  
[13] A1

[51] **Int.Cl. G07C 11/00 (2006.01) G06F 17/30 (2006.01)**

[25] EN  
 [54] **SYSTEM AND METHOD FOR IDENTITY VERIFICATION IN A DETENTION ENVIRONMENT**  
 [54] **SYSTEME ET METHODE DE VERIFICATION D'IDENTITE DANS UN MILIEU DE DETENTION**

[72] TORGERSRUD, RICHARD, US  
 [72] O'NEIL, KEVIN, US  
 [72] DITTO, CHRISTOPHER, US  
 [72] GONGAWARE, GRANT, US  
 [72] KRAUSS, KEVIN E., US  
 [72] PETERSEN, ERIK, US  
 [71] TELMATE LLC, US  
 [22] 2013-06-06  
 [41] 2013-12-06  
 [30] US (13/490,054) 2012-06-06

[21] **2,818,223**  
[13] A1

[51] **Int.Cl. G08B 21/18 (2006.01) F24D 13/02 (2006.01) F24D 19/10 (2006.01) H05B 1/00 (2006.01)**

[25] EN  
 [54] **SYSTEM AND METHODS FOR MONITORING HEATING ELEMENTS**  
 [54] **SYSTEME ET METHODES DE SURVEILLANCE D'ELEMENTS CHAUFFANTS**

[72] NEMES, TYLER, US  
 [71] TWIN-STAR INTERNATIONAL, INC., US  
 [22] 2013-06-07  
 [41] 2013-12-07  
 [30] US (13/490,803) 2012-06-07

[21] **2,818,228**  
[13] A1

[51] **Int.Cl. H04N 21/45 (2011.01) H04N 21/41 (2011.01) H04N 21/436 (2011.01) G08C 23/04 (2006.01)**

[25] EN  
 [54] **SYSTEM AND METHOD FOR PROVIDING MULTIPLE MULTIMEDIA ACTIVITIES ON MULTIPLE OUTPUT DEVICES**  
 [54] **SYSTEME ET METHODE POUR FOURNIR DE MULTIPLES ACTIVITES MULTIMEDIAS SUR DE MULTIPLES DISPOSITIFS DE SORTIE**

[72] SILVERBERG, GARY JEFFERSON, CA  
 [72] SOUTHEY, BLAKE BENJAMIN THOMAS, CA  
 [72] HESS, ALEXANDER GERALD CHRISTIAN, CA  
 [71] SILVERBERG LINE CANADA INC., CA  
 [22] 2013-06-06  
 [41] 2013-12-06  
 [30] US (13/489,952) 2012-06-06

[21] **2,818,240**  
[13] A1

[51] **Int.Cl. B63H 21/38 (2006.01) C10M 159/20 (2006.01) F16N 39/00 (2006.01)**

[25] EN  
 [54] **MARINE ENGINE LUBRICATION**  
 [54] **LUBRIFICATION DE MOTEURS MARINS**

[72] DODD, JAMES CHRISTIAN, GB  
 [71] INFINEUM INTERNATIONAL LIMITED, GB  
 [22] 2013-06-07  
 [41] 2013-12-07  
 [30] EP (12171193.1) 2012-06-07

[21] **2,818,260**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 5/00 (2006.01) G06F 17/30 (2006.01)**

[25] EN  
 [54] **SEQUENCE ENGINE**  
 [54] **MOTEUR SEQUENTIEL**

[72] FRERKING, JOHN R., US  
 [71] WAL-MART STORES, INC., US  
 [22] 2013-06-07  
 [41] 2013-12-07  
 [30] US (13/490,786) 2012-06-07

[21] **2,818,292**  
[13] A1

[51] **Int.Cl. G06Q 50/16 (2012.01) H04W 4/00 (2009.01) G06F 3/14 (2006.01) G06F 17/30 (2006.01) G09B 29/10 (2006.01)**

[25] EN  
 [54] **METHOD AND APPARATUS FOR MANAGING REAL ESTATE DATA**  
 [54] **METHODE ET APPAREIL POUR GERER DES DONNEES SUR DES BIENS IMMOBILIERS**

[72] FLORANCE, ANDREW C., US  
 [72] EVATT, BOB, US  
 [72] BOHL, SCOT, US  
 [72] MERRITT, JOHN, US  
 [71] COSTAR GROUP, US  
 [22] 2013-06-07  
 [41] 2013-12-07  
 [30] US (13/491,567) 2012-06-07

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[21] **2,818,318**  
[13] A1

[51] **Int.Cl. F16M 7/00 (2006.01) F16M 11/00 (2006.01) F24F 13/32 (2006.01)**  
[25] EN  
[54] **SUPPORT FOOT FOR APPLYING AND DISTRIBUTING FORCES TO A PRESSURE-SENSITIVE SUBSTRATE AS WELL AS A STAND SYSTEM HAVING SUCH A SUPPORT FOOT**  
[54] **PIED DE SUPPORT POUR EXERCER ET REPARTIR DES FORCES SUR UN SUBSTRAT A PRESSION AINSI QU'UN SYSTEME DE SUPPORT POURVU D'UN TEL PIED DE SUPPORT**  
[72] MERHAR, THOMAS, DE  
[72] HERMANN, FRITZ, DE  
[72] OSTERMEIER, PETER, DE  
[71] HILTI AKTIENGESSELLSCHAFT, LI  
[22] 2013-05-31  
[41] 2013-12-04  
[30] DE (10 2012 209 395.8) 2012-06-04

[21] **2,818,408**  
[13] A1

[51] **Int.Cl. F21V 29/00 (2006.01) F21V 17/06 (2006.01)**  
[25] EN  
[54] **LIGHT FIXTURE WITH SELECTABLE EMITTER AND REFLECTOR CONFIGURATION**  
[54] **LUMINAIRE AVEC CONFIGURATION D'EMETTEUR ET DE REFLECTEUR SELECTIONNABLE**  
[72] GUERCIO, VINCENZO, US  
[72] HU, JIANG, US  
[72] WANG-MUNSON, DAN, US  
[71] RAB LIGHTING, INC., US  
[22] 2013-05-31  
[41] 2013-12-01  
[30] US (61/654,768) 2012-06-01

[21] **2,818,535**  
[13] A1

[51] **Int.Cl. A63B 63/00 (2006.01)**  
[25] EN  
[54] **BASKETBALL STOPPING WALL**  
[54] **PAROI D'ARRET POUR BALLON DE BASKETBALL**  
[72] ELPERS, PHILIP, US  
[72] GUERZINI, MICHAEL, US  
[72] HUGHES, ANDREW, US  
[71] INDIAN INDUSTRIES, INC., US  
[22] 2013-06-07  
[41] 2013-12-07  
[30] US (61/656,602) 2012-06-07  
[30] US (13/911,728) 2013-06-07

[21] **2,818,538**  
[13] A1

[51] **Int.Cl. B63H 21/38 (2006.01) C10M 159/02 (2006.01) C10M 159/20 (2006.01)**  
[25] EN  
[54] **MARINE ENGINE LUBRICATION**  
[54] **LUBRIFICATION DE MOTEUR MARIN**  
[72] DODD, JAMES CHRISTIAN, GB  
[71] INFINEUM INTERNATIONAL LIMITED, GB  
[22] 2013-06-07  
[41] 2013-12-07  
[30] EP (12171196.4) 2012-06-07

[21] **2,818,784**  
[13] A1

[51] **Int.Cl. A47B 67/02 (2006.01) A47B 77/08 (2006.01) F25D 11/00 (2006.01) F25D 11/02 (2006.01) F25D 11/04 (2006.01) F25D 23/02 (2006.01)**  
[25] EN  
[54] **REFRIGERATED MEDICINE CABINET**  
[54] **ARMOIRE A PHARMACIE REFRIGEREE**  
[72] UZONWANNE, ELLEN, US  
[71] UZONWANNE, ELLEN, US  
[22] 2013-05-22  
[41] 2013-12-01  
[30] US (61/654,668) 2012-06-01

[21] **2,826,809**  
[13] A1

[51] **Int.Cl. B65D 90/02 (2006.01)**  
[25] EN  
[54] **DUAL TANK STRUCTURE INTEGRALLY SUPPORTED ON A PORTABLE BASE FRAME**  
[54] **STRUCTURE DE RESERVOIR DOUBLE SUPPORTE INTEGRALEMENT SUR UN CADRE DE BASE PORTATIF**  
[72] THIESSEN, LESTER JAMES, CA  
[71] THIESSEN, LESTER JAMES, CA  
[22] 2013-09-06  
[41] 2013-12-05

[21] **2,828,849**  
[13] A1

[51] **Int.Cl. A47F 7/00 (2006.01) A47F 5/01 (2006.01)**  
[25] EN  
[54] **DISPLAY FIXTURE HAVING A DISPLAY HOOK**  
[54] **DISPOSITIF DE PRESENTOIR POURVU D'UN CROCHET D'ETALAGE**  
[72] ZOBEL, ERIN L., US  
[72] JOHNSON, JASON W., US  
[71] TARGET BRANDS, INC., US  
[22] 2013-10-02  
[41] 2013-12-04  
[30] US (13/922,868) 2013-06-20

[21] **2,828,851**  
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**  
[25] EN  
[54] **CORRELATING PRODUCT SALES TO STORE SEGMENTATION**  
[54] **CORRELATION DES VENTES DE PRODUITS PAR RAPPORT A LA SEGMENTATION DU MAGASIN**  
[72] HSIEH, PING-FONG, US  
[72] SUN, EARL S., US  
[72] PETERSON, DANIEL W., US  
[71] TARGET BRANDS, INC., US  
[22] 2013-10-02  
[41] 2013-12-04  
[30] US (13/920,582) 2013-06-18

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**1 décembre 2013 au 7 décembre 2013**

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[21] **2,828,939**

[13] A1

[51] **Int.Cl. F28D 7/10 (2006.01) F28F 1/00**  
**(2006.01)**

[25] EN

[54] **HEAT EXCHANGER**

[54] **ECHANGEUR DE CHALEUR**

[72] BELL, PATRICK G., CA

[72] BECKIE, WILLIAM N., CA

[71] CONLEYMAX, INC., CA

[22] 2013-10-01

[41] 2013-12-04

[30] US (14/042,211) 2013-09-30

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[21] **2,829,060**

[13] A1

[51] **Int.Cl. B01D 53/02 (2006.01) C01B**  
**13/02 (2006.01)**

[25] EN

[54] **ON-SITE MEDICAL GAS**  
**PRODUCTION PLANT AND**  
**ASSOCIATED OPERATING**  
**METHOD**

[54] **USINE DE PRODUCTION DE GAZ**  
**MEDICAUX SUR PLACE ET**  
**METHODE D'EXPLOITATION**  
**ASSOCIEE**

[72] EDWARDS, PAUL, CA

[71] VITALAIRE CANADA INC., CA

[22] 2013-09-27

[41] 2013-12-04

# PCT Applications Entering the National Phase

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[21] **2,824,527**  
[13] A1

[51] **Int.Cl. A61F 2/46 (2006.01)**  
[25] EN  
[54] **PROVISIONAL TIBIAL PROSTHESIS SYSTEM**  
[54] **SYSTEME DE PROTHESE TIBIALE PROVISOIRE**  
[72] CLAYPOOL, JODY L., US  
[72] STUMP, STEVEN E., US  
[71] ZIMMER, INC., US  
[85] 2013-06-12  
[86] 2011-12-17 (PCT/US2011/065683)  
[87] (WO2012/083280)  
[30] US (61/424,222) 2010-12-17  
[30] US (13/087,610) 2011-04-15

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[21] **2,830,459**  
[13] A1

[51] **Int.Cl. A61L 26/00 (2006.01) A61K 9/70 (2006.01) A61P 17/02 (2006.01) A61Q 17/04 (2006.01)**  
[25] FR  
[54] **FILM-FORMING COMPOSITION CONTAINING A SUN FILTER, AND USE THEREOF FOR THE TREATMENT OF SCARS**  
[54] **COMPOSITION FILMOGENE CONTENANT UN FILTRE SOLAIRE, SON UTILISATION POUR LE TRAITEMENT DES CICATRICES**  
[72] DERAÏN, NATHALIE, FR  
[71] LABORATOIRES URGO, FR  
[85] 2013-09-17  
[86] 2012-03-23 (PCT/FR2012/050603)  
[87] (WO2012/131237)  
[30] FR (1152497) 2011-03-25

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[21] **2,830,464**  
[13] A1

[51] **Int.Cl. A61L 26/00 (2006.01) A61K 9/70 (2006.01) A61P 17/02 (2006.01)**  
[25] FR  
[54] **COMPOSITION CONTAINING A CELLULOSE, A VEGETABLE OIL AND A VOLATILE SOLVENT, AND USE THEREOF AS A DRESSING**  
[54] **COMPOSITION CONTENANT UNE CELLULOSE, UNE HUILE VEGETALE ET UN SOLVANT VOLATIL, SON UTILISATION COMME PANSEMENT**  
[72] DERAÏN, NATHALIE, FR  
[71] LABORATOIRES URGO, FR  
[85] 2013-09-17  
[86] 2012-03-23 (PCT/FR2012/050604)  
[87] (WO2012/131238)  
[30] FR (1152513) 2011-03-25

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[21] **2,830,631**  
[13] A1

[25] EN  
[54] **FRAME ELEMENT POSITIONING IN FRAMES OF A BITSTREAM REPRESENTING AUDIO CONTENT**  
[54] **POSITIONNEMENT D'UN ELEMENT DE TRAME DANS LES TRAMES D'UN FLUX BINAIRE REPRESENTANT UN CONTENU AUDIO**  
[72] NEUENDORF, MAX, DE  
[72] MULTRUS, MARKUS, DE  
[72] DOHLA, STEFAN, DE  
[72] PURNHAGEN, HEIKO, SE  
[72] DE BONT, FRANS, NL  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DD  
[71] DOLBY INTERNATIONAL AB, NL  
[71] KONINKLIJKE PHILIPS N.V., NL  
[85] 2013-09-18  
[86] 2012-03-19 (PCT/EP2012/054821)  
[87] (WO2012/126891)  
[30] US (61/454,121) 2011-03-18

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[21] **2,830,633**  
[13] A1

[25] EN  
[54] **FRAME ELEMENT LENGTH TRANSMISSION IN AUDIO CODING**  
[54] **TRANSMISSION DE LA LONGUEUR D'UN ELEMENT DE TRAME DANS LE CODAGE AUDIO**  
[72] NEUENDORF, MAX, DE  
[72] MULTRUS, MARKUS, DE  
[72] DOHLA, STEFAN, DE  
[72] PURNHAGEN, HEIKO, SE  
[72] DE BONT, FRANS, NL  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DD  
[71] DOLBY INTERNATIONAL AB, NL  
[71] KONINKLIJKE PHILIPS N.V., NL  
[85] 2013-09-18  
[86] 2012-03-19 (PCT/EP2012/054823)  
[87] (WO2012/126893)  
[30] US (61/454,121) 2011-03-18



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<p style="text-align: center;">[21] <b>2,830,840</b> [13] A1</p> <p>[51] <b>Int.Cl. H04B 10/073 (2013.01) H04B 10/27 (2013.01) H04L 12/26 (2006.01) H04L 29/14 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>SYSTEM FOR THE CERTIFICATION OF A PASSIVE OPTICAL NETWORK AND FOR THE DETECTION OF PROBLEMS AND FAULTS IN THE LAST FIBRE LEGS</b></p> <p>[54] <b>SYSTEME POUR LA CERTIFICATION D'UN RESEAU OPTIQUE PASSIF ET POUR LA DETECTION DE PROBLEMES ET D'AVARIES DANS LES DERNIERS SEGMENTS DE FIBRE</b></p> <p>[72] CORTES SANTAOLALLA, FRANCISCO JAVIER, ES</p> <p>[72] RODRIGO ALVAREZ, GONZALO PEDRO, ES</p> <p>[72] BENEDI SANCHEZ, OCTAVIO, ES</p> <p>[72] FERNANDEZ GRACIA, HECTOR, ES</p> <p>[72] PEREZ RESA, ADRIAN, ES</p> <p>[72] POZO ESPINOSA, AMADOR, ES</p> <p>[72] VICASTILLO BARRABES, CARLOS, ES</p> <p>[71] TELNET REDES INTELIGENTES, S.A., ES</p> <p>[85] 2013-09-20</p> <p>[86] 2012-03-21 (PCT/ES2012/070179)</p> <p>[87] (WO2012/127091)</p> <p>[30] ES (P201130415) 2011-03-23</p>	<p style="text-align: center;">[21] <b>2,831,014</b> [13] A1</p> <p>[51] <b>Int.Cl. E21B 17/01 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>A RISER</b></p> <p>[54] <b>COLONNE MONTANTE</b></p> <p>[72] SKAUGEN, GEIR, NO</p> <p>[72] AUSTEFJORD, ARNE, NO</p> <p>[71] NATIONAL OILWELL VARCO, L.P., US</p> <p>[85] 2013-09-23</p> <p>[86] 2012-03-26 (PCT/GB2012/050672)</p> <p>[87] (WO2012/131354)</p> <p>[30] US (61/467,799) 2011-03-25</p> <p>[30] US (61/490,846) 2011-05-27</p>	<p style="text-align: center;">[21] <b>2,831,337</b> [13] A1</p> <p>[51] <b>Int.Cl. H04B 10/07 (2013.01) H04B 10/27 (2013.01) H04B 10/85 (2013.01)</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND APPARATUS FOR DETECTING OPTICAL NETWORK UNIT, AND PASSIVE OPTICAL NETWORK SYSTEM</b></p> <p>[54] <b>PROCEDE ET DISPOSITIF DE DETECTION D'UNITE DE RESEAU OPTIQUE ET SYSTEME DE RESEAU OPTIQUE PASSIF</b></p> <p>[72] WAN, MIN, CN</p> <p>[72] ZENG, XIAOFEI, CN</p> <p>[71] HUAWEI TECHNOLOGIES CO., LTD., CN</p> <p>[85] 2013-09-25</p> <p>[86] 2012-03-29 (PCT/CN2012/073243)</p> <p>[87] (WO2012/130146)</p> <p>[30] CN (201110077143.9) 2011-03-29</p>
<p style="text-align: center;">[21] <b>2,830,867</b> [13] A1</p> <p>[51] <b>Int.Cl. B60P 7/08 (2006.01)</b></p> <p>[25] EN</p> <p>[54] <b>LOAD-STRAPPING DEVICE</b></p> <p>[54] <b>DISPOSITIF D'ARRIMAGE DE CHARGEMENT</b></p> <p>[72] HANSEN, LARS V., DK</p> <p>[71] QUALATEC APS, DK</p> <p>[85] 2013-09-20</p> <p>[86] 2012-03-20 (PCT/DK2012/050083)</p> <p>[87] (WO2012/126476)</p> <p>[30] DK (BA 2011 00056) 2011-03-21</p>	<p style="text-align: center;">[21] <b>2,831,264</b> [13] A1</p> <p>[51] <b>Int.Cl. G10L 19/022 (2013.01)</b></p> <p>[25] EN</p> <p>[54] <b>SYSTEM AND METHOD FOR PROCESSING SOUND SIGNALS IMPLEMENTING A SPECTRAL MOTION TRANSFORM</b></p> <p>[54] <b>SYSTEME ET PROCEDE DE TRAITEMENT DE SIGNAUX SONORES METTANT EN ŒUVRE UNE TRANSFORMATION SPECTRALE DU MOUVEMENT</b></p> <p>[72] BRADLEY, DAVID C., US</p> <p>[72] GOLDIN, DANIEL S., US</p> <p>[72] HILTON, ROBERT N., US</p> <p>[72] FISHER, NICHOLAS K., US</p> <p>[72] GATEAU, RODNEY, US</p> <p>[72] ROOS, DERRICK R., US</p> <p>[72] WIEWIORA, ERIC, US</p> <p>[71] THE INTELLISIS CORPORATION, US</p> <p>[85] 2013-09-24</p> <p>[86] 2012-03-23 (PCT/US2012/030277)</p> <p>[87] (WO2012/134993)</p> <p>[30] US (61/467,493) 2011-03-25</p> <p>[30] US (13/205,424) 2011-08-08</p>	<p style="text-align: center;">[21] <b>2,831,807</b> [13] A1</p> <p>[51] <b>Int.Cl. G06Q 40/08 (2012.01) G06Q 10/04 (2012.01) G06Q 50/32 (2012.01)</b></p> <p>[25] EN</p> <p>[54] <b>METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING TARGETED FULFILLMENT WITH RESPECT TO A WIRELESS DEVICE PROTECTION PROGRAM</b></p> <p>[54] <b>PROCEDE, APPAREIL ET PRODUIT PROGRAMME D'ORDINATEUR DE FOURNITURE D'EXECUTION CIBLEE CONCERNANT PROGRAMME DE PROTECTION DE DISPOSITIF SANS FIL</b></p> <p>[72] BECERRA, MANUEL, US</p> <p>[72] MCMILLAN, DAVID GLENN, US</p> <p>[72] GORMAN, EDWARD, US</p> <p>[72] MCWILLIAMS, GARY, US</p> <p>[71] ASSURANT, INC., US</p> <p>[85] 2013-09-27</p> <p>[86] 2012-03-30 (PCT/US2012/031347)</p> <p>[87] (WO2012/135566)</p> <p>[30] US (61/470,073) 2011-03-31</p>

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[21] **2,833,529**  
[13] A1

[51] **Int.Cl. G06F 21/00 (2013.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SECURELY MOVING CONTENT**  
[54] **SYSTEME ET PROCEDE DE DEPLACEMENT SECURISE D'UN CONTENU**

[72] SHAMSAASEF, RAFIE, US  
[72] ZHANG, JIANG, US  
[72] PETERKA, PETR, US  
[71] MOTOROLA MOBILITY LLC, US  
[85] 2013-06-06  
[86] 2011-12-19 (PCT/US2011/065880)  
[87] (WO2012/087953)  
[30] US (12/975,972) 2010-12-22

[21] **2,833,533**  
[13] A1

[51] **Int.Cl. A01N 63/02 (2006.01) A01N 47/34 (2006.01) A01P 5/00 (2006.01) A01P 7/00 (2006.01) A61K 35/74 (2006.01) A61P 33/00 (2006.01)**

[25] EN  
[54] **PESTICIDAL MIXTURES**  
[54] **MELANGES PESTICIDES**

[72] KLEIN, CLARK D., US  
[72] WILLIS, REBECCA, US  
[72] JOSE, LUIS, US  
[72] AMES, NIGEL, US  
[71] BAYER CROPSCIENCE LP, US  
[85] 2013-09-30  
[86] 2012-03-30 (PCT/US2012/031690)  
[87] (WO2012/135763)  
[30] US (61/469,845) 2011-03-31  
[30] EP (11165269.9) 2011-05-09

[21] **2,833,797**  
[13] A1

[51] **Int.Cl. A23F 3/16 (2006.01)**  
[25] EN  
[54] **TEA BEVERAGE AND METHOD FOR PRODUCING THE SAME**  
[54] **BOISSON AU THE ET SON PROCEDE DE PRODUCTION**

[72] HAN, ZHENGCHUN, CN  
[72] HUANG, YUAN, CN  
[72] ZHONG, JIPING, CN  
[72] XUE, LIAN, CN  
[71] NONGFU SPRING CO., LTD., CN  
[85] 2013-10-21  
[86] 2012-04-16 (PCT/CN2012/074064)  
[87] (WO2012/146134)  
[30] CN (201110115712.4) 2011-04-29

[21] **2,833,815**  
[13] A1

[51] **Int.Cl. B02C 25/00 (2006.01) G05B 13/04 (2006.01)**  
[25] EN  
[54] **METHOD OF OBSERVING A CHANGE OF MASS INSIDE A GRINDING UNIT**  
[54] **PROCEDE D'OBSERVATION D'UN CHANGEMENT DE MASSE A L'INTERIEUR D'UNE INSTALLATION DE BROYAGE**

[72] GALLESTEY ALVAREZ, EDUARDO, CH  
[72] STADLER, KONRAD, CH  
[71] ABB RESEARCH LTD, CH  
[85] 2013-10-21  
[86] 2012-05-11 (PCT/EP2012/058708)  
[87] (WO2012/156285)  
[30] EP (11166126.0) 2011-05-13

[21] **2,833,821**  
[13] A1

[51] **Int.Cl. C01B 21/093 (2006.01) H01M 10/0525 (2010.01) C01B 21/086 (2006.01)**

[25] FR  
[54] **METHOD FOR PRODUCING LITHIUM OR SODIUM BIS(FLUOROSULFONYL)IMIDIDE**  
[54] **PROCEDE DE PREPARATION DE BIS(FLUOROSULFONYL)IMIDURE DE LITHIUM OU SODIUM**

[72] SCHMIDT, GREGORY, FR  
[71] ARKEMA FRANCE, FR  
[85] 2013-10-21  
[86] 2012-04-06 (PCT/FR2012/050763)  
[87] (WO2012/160280)  
[30] FR (11.54490) 2011-05-24  
[30] FR (12.52642) 2012-03-23

[21] **2,833,870**  
[13] A1

[51] **Int.Cl. C12N 15/35 (2006.01) A61K 35/76 (2006.01) A61K 48/00 (2006.01) C07K 14/015 (2006.01) C12N 7/01 (2006.01) C12N 15/864 (2006.01)**

[25] EN  
[54] **ADENO-ASSOCIATED VIRUS VIRIONS WITH VARIANT CAPSID AND METHODS OF USE THEREOF**  
[54] **VIRIONS DE VIRUS ADENO-ASSOCIE AVEC CAPSIDE VARIANT ET PROCEDES D'UTILISATION DE CEUX-CI**

[72] SCHAFFER, DAVID V., US  
[72] KLIMCZAK, RYAN R., US  
[72] KOERBER, JAMES T., US  
[72] FLANNERY, JOHN G., US  
[72] DALKARA MOURROT, DENIZ, FR  
[72] VISEL, MEIKE, US  
[72] BYRNE, LEAH C.T., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2013-10-21  
[86] 2012-04-20 (PCT/US2012/034413)  
[87] (WO2012/145601)  
[30] US (61/478,355) 2011-04-22

[21] **2,833,898**  
[13] A1

[51] **Int.Cl. C23F 11/00 (2006.01)**  
[25] EN  
[54] **STABILISED COMPOUND ELIMINATING AND INHIBITING SCALE IN PIPELINES**  
[54] **COMPOSE STABILISE ELIMINATEUR ET INHIBITEUR D'INCRUSTATIONS DANS DES TUBES DE PRODUCTION**

[72] GONZALEZ DAVILA, VICENTE, MX  
[72] SUAREZ DOMINGUEZ, EDGARDO JONATHAN, MX  
[71] GEO ESTRATOS, S.A. DE C.V., MX  
[85] 2013-10-21  
[86] 2012-04-03 (PCT/MX2012/000038)  
[87] (WO2012/158009)  
[30] MX (MX/a/2011/005186) 2011-05-17

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[21] **2,833,900**  
[13] A1

[51] **Int.Cl. H02B 1/50 (2006.01) A47B 81/00 (2006.01) G09F 19/00 (2006.01) H02B 1/38 (2006.01) H02B 1/56 (2006.01) H02J 13/00 (2006.01)**

[25] EN

[54] **INTEGRATION OF A SERVICE CABINET INTO A STREET FURNITURE**

[54] **INTEGRATION D'UNE ENCEINTE DE SERVICE DANS UN MOBILIER URBAIN**

[72] FOURNIER, PAUL W., CA  
[71] FOURNIER, PAUL W., CA  
[85] 2013-10-22  
[86] 2012-04-30 (PCT/CA2012/000426)  
[87] (WO2012/145839)  
[30] US (61/480,652) 2011-04-29

[21] **2,833,903**  
[13] A1

[51] **Int.Cl. C25C 3/06 (2006.01) C25C 7/06 (2006.01)**

[25] EN

[54] **DRY CELL START-UP OF AN ELECTROLYTIC CELL FOR ALUMINUM PRODUCTION**

[54] **DEMARRAGE DE PILE SECHE DE CELLULE ELECTROLYTIQUE POUR LA PRODUCTION D'ALUMINIUM**

[72] CAYOUILLE, ROBERT, CA  
[72] LAPLANTE, FRANCOIS, CA  
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA  
[85] 2013-10-22  
[86] 2012-05-18 (PCT/CA2012/000474)  
[87] (WO2012/174641)  
[30] CA (2741112) 2011-05-25

[21] **2,833,906**  
[13] A1

[51] **Int.Cl. B60R 19/02 (2006.01)**

[25] EN

[54] **BUMPER ASSEMBLY AND METHOD**

[54] **ENSEMBLE PARE-CHOCS ET PROCEDE**

[72] FREUNDL, THOMAS JAMES, US  
[72] MELLIS, JEFFERY JAY, US  
[71] MAGNA INTERNATIONAL INC., CA  
[85] 2013-10-22  
[86] 2012-06-26 (PCT/CA2012/000566)  
[87] (WO2013/000060)  
[30] US (61/502,410) 2011-06-29  
[30] US (13/527,776) 2012-06-20

[21] **2,833,910**  
[13] A1

[51] **Int.Cl. A01N 35/02 (2006.01) A01N 37/00 (2006.01) A01N 43/08 (2006.01) A01P 17/00 (2006.01) A61K 31/11 (2006.01) A61K 31/13 (2006.01) A61K 31/16 (2006.01) A61K 31/22 (2006.01) A61K 31/225 (2006.01) A61K 31/341 (2006.01)**

[25] EN

[54] **CARBONYL CONTAINING COMPOUNDS FOR CONTROLLING AND REPELLING CIMICIDAE POPULATIONS**

[54] **COMPOSES CONTENANT UN CARBONYLE POUR MAITRISER ET REPOUSSER DES POPULATIONS DE CIMICIDAE**

[72] GILBERT, MICHAEL, CA  
[71] SEMIOSBIO TECHNOLOGIES INC., CA  
[85] 2013-10-22  
[86] 2012-03-29 (PCT/CA2012/050203)  
[87] (WO2012/129702)  
[30] US (61/479,000) 2011-04-26  
[30] US (61/592,691) 2012-01-31

[21] **2,833,911**  
[13] A1

[51] **Int.Cl. B65D 75/08 (2006.01) B65D 85/20 (2006.01)**

[25] EN

[54] **PACKAGE OF ORAL CARE IMPLEMENTS**

[54] **PAQUET D'INSTRUMENTS DE SOINS BUCCAUX**

[72] LE, YI JUN, CN  
[72] ZHANG, FENG ZHI, CN  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2013-10-22  
[86] 2011-04-27 (PCT/CN2011/000718)  
[87] (WO2012/145856)

[21] **2,833,914**  
[13] A1

[51] **Int.Cl. A61K 31/4184 (2006.01) A61K 31/166 (2006.01) A61K 31/454 (2006.01) A61K 31/502 (2006.01) A61K 31/517 (2006.01) A61P 9/12 (2006.01)**

[25] EN

[54] **METHODS FOR THE TREATMENT AND DIAGNOSTIC OF PULMONARY ARTERIAL HYPERTENSION**

[54] **PROCEDES POUR LE TRAITEMENT ET LE DIAGNOSTIC DE L'HYPERTENSION ARTERIELLE PULMONAIRE**

[72] BONNET, SEBASTIEN, CA  
[72] MASSON, JEAN-YVES, CA  
[72] POIRIER, GUY, CA  
[71] UNIVERSITE LAVAL, CA  
[85] 2013-10-22  
[86] 2012-05-10 (PCT/CA2012/050306)  
[87] (WO2012/151701)  
[30] US (61/484,463) 2011-05-10

[21] **2,833,915**  
[13] A1

[51] **Int.Cl. B01J 23/50 (2006.01) B01J 35/04 (2006.01) B01J 35/06 (2006.01) C07C 45/37 (2006.01) C07C 45/38 (2006.01) C07C 47/02 (2006.01) C07C 47/04 (2006.01)**

[25] EN

[54] **OXIDATIVE DEHYDROGENATION OF METHANOL TO FORMALDEHYDE OVER SILVER-CONTAINING KNITS**

[54] **PROCEDE DE DESHYDROGENATION OXYDANTE DE METHANOL EN FORMALDEHYDE SUR DES TOILES CONTENANT DE L'ARGENT**

[72] BALTES, CHRISTIAN, DE  
[72] KOLIOS, GRIGORIOS, DE  
[72] RESCH, PETER, DE  
[72] WEGERLE, ULRIKE, DE  
[72] MAURER, TORSTEN, DE  
[71] BASF SE, DE  
[85] 2013-10-22  
[86] 2012-04-19 (PCT/EP2012/057190)  
[87] (WO2012/146528)  
[30] EP (11163635.3) 2011-04-26

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[21] **2,833,919**  
[13] A1

[51] **Int.Cl. G06Q 10/02 (2012.01) G06F 9/44 (2006.01)**  
[25] EN  
[54] **COMPUTER-IMPLEMENTED METHOD AND SYSTEM FOR INTERACTING WITH A USER**  
[54] **PROCEDE ET SYSTEME MIS EN ŒUVRE PAR ORDINATEUR POUR INTERAGIR AVEC UN UTILISATEUR**  
[72] ALBEROLA, BERTRAND, FR  
[72] CHAUVIN, STEPHANE, FR  
[72] CHAPELAND, JEAN-BAPTISTE, FR  
[72] CORBUCCI, SERGE, FR  
[72] BZODEK, GAETAN, FR  
[71] AMADEUS S.A.S., FR  
[85] 2013-10-22  
[86] 2012-04-20 (PCT/EP2012/057326)  
[87] (WO2012/143537)  
[30] EP (11163596.7) 2011-04-22  
[30] US (13/134,755) 2011-06-16  
[30] EP (11305787.1) 2011-06-22

[21] **2,833,922**  
[13] A1

[51] **Int.Cl. C07C 309/03 (2006.01) C07C 53/00 (2006.01) C07F 9/11 (2006.01)**  
[25] EN  
[54] **LARGE HYDROPHOBE SURFACTANTS**  
[54] **GROS TENSIOACTIFS HYDROPHOBES**  
[72] WEERASOORIYA, UPALI P., US  
[72] POPE, GARY A., US  
[72] RADFORD, PETER, US  
[72] STEVENSON, HOWARD, US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[71] HARCOS CHEMICALS, INC., US  
[85] 2013-10-22  
[86] 2012-04-17 (PCT/US2012/033972)  
[87] (WO2012/154376)  
[30] US (61/478,434) 2011-04-22

[21] **2,833,924**  
[13] A1

[51] **Int.Cl. G01L 5/24 (2006.01) F16B 31/02 (2006.01) G05B 23/02 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CHARACTERIZING PROCESS CONTROL EQUIPMENT COUPLING INTEGRITY**  
[54] **PROCEDE ET DISPOSITIF DE CARACTERISATION DE L'INTEGRITE DE COUPLAGE D'UN EQUIPEMENT DE COMMANDE DE PROCESSUS**  
[72] ANDERSON, SHAWN WILLIAM, US  
[71] FISHER CONTROLS INTERNATIONAL LLC, US  
[85] 2013-10-22  
[86] 2012-04-18 (PCT/US2012/034083)  
[87] (WO2012/148756)  
[30] US (61/479,235) 2011-04-26

[21] **2,833,925**  
[13] A1

[51] **Int.Cl. F16B 5/01 (2006.01)**  
[25] EN  
[54] **FORCE INTRODUCTION FITTING FOR LIGHTWEIGHT COMPONENTS**  
[54] **RACCORD D'INTRODUCTION DE FORCE POUR COMPOSANTS LEGERES**  
[72] EMMELMANN, CLAUS, DE  
[72] KLAUKIEN, FRANK-MICHAEL, DE  
[72] KRANZ, JANNIS, DE  
[72] WYCISK, ERIC, DE  
[72] SASMANNSHAUSEN, JAN, DE  
[71] AIRBUS OPERATIONS GMBH, DE  
[85] 2013-10-22  
[86] 2012-04-26 (PCT/EP2012/057622)  
[87] (WO2012/146648)  
[30] DE (10 2011 018 526.7) 2011-04-26  
[30] US (61/479,252) 2011-04-26

[21] **2,833,926**  
[13] A1

[51] **Int.Cl. A23L 1/30 (2006.01) A23L 1/015 (2006.01) A23L 1/22 (2006.01) A23L 1/221 (2006.01) B01D 11/02 (2006.01) B01D 11/04 (2006.01)**  
[25] EN  
[54] **ENCAPSULATION OF EXTRACT IN POROUS PARTICLES**  
[54] **ENCAPSULATION D'EXTRAIT DANS DES PARTICULES POREUSES**  
[72] CLARK, ANTHONY JAMES, US  
[72] FRENCH, JUSTIN ANDREW, US  
[72] GEORGE, EAPEN, US  
[72] GROVER, JULIE ANNE, US  
[72] TIWARI, RASHMI, US  
[72] YEP, GREGORY LEE, US  
[71] PEPSICO, INC., US  
[85] 2013-10-22  
[86] 2012-04-20 (PCT/US2012/034458)  
[87] (WO2012/145631)  
[30] US (61/478,261) 2011-04-22

[21] **2,833,928**  
[13] A1

[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 30/02 (2012.01)**  
[25] EN  
[54] **BEVERAGE DISPENSING SYSTEM WITH SOCIAL MEDIA CAPABILITIES**  
[54] **SYSTEME DE DISTRIBUTION DE BOISSONS A CAPACITES DE MEDIA SOCIAL**  
[72] CHUNG, TERRY TAE-IL, US  
[72] VELAZQUEZ, RICHARD, US  
[71] PEPSICO, INC., US  
[85] 2013-10-22  
[86] 2012-04-20 (PCT/US2012/034486)  
[87] (WO2012/145649)  
[30] US (61/478,425) 2011-04-22

[21] **2,833,929**  
[13] A1

[51] **Int.Cl. A01C 5/04 (2006.01)**  
[25] EN  
[54] **BLADE ATTACHMENT FOR PLANTER UNIT**  
[54] **FIXATION DE LAME POUR UNITE DE PLANTATION**  
[72] TREVINO, RAMIRO, US  
[71] TREVINO, RAMIRO, US  
[85] 2013-10-22  
[86] 2012-04-20 (PCT/US2012/034536)  
[87] (WO2012/145686)  
[30] US (61/478,269) 2011-04-22  
[30] US (61/565,049) 2011-11-30

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[21] **2,833,932**  
[13] A1

[51] **Int.Cl. E04D 1/28 (2006.01) C09D 5/00 (2006.01) C09D 7/00 (2006.01) C09D 7/12 (2006.01) E04F 13/00 (2006.01)**

[25] EN

[54] **SOLAR INFRA RED REFLECTIVE PAINTS**

[54] **PEINTURES REFLECHISSANT LES RAYONS INFRAROUGES SOLAIRES**

[72] MURRAY, KENNETH ANDREW, GB

[72] OSBORN, BARRY NORMAN, GB

[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL

[85] 2013-10-22

[86] 2012-05-14 (PCT/EP2012/058849)

[87] (WO2012/156337)

[30] EP (11166234.2) 2011-05-16

[21] **2,833,934**  
[13] A1

[51] **Int.Cl. H01M 8/04 (2006.01) H01M 8/02 (2006.01) H01M 8/10 (2006.01) H01M 8/24 (2006.01)**

[25] FR

[54] **FUEL CELL, THE OVERALL SIZE OF WHICH IS REDUCED**

[54] **PILE A COMBUSTIBLE A ENCOMBREMENT REDUIT**

[72] DROUHAULT, DELPHINE, FR

[72] NIVELON, PIERRE, FR

[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR

[85] 2013-10-22

[86] 2012-04-26 (PCT/EP2012/057620)

[87] (WO2012/146646)

[30] FR (11 53607) 2011-04-27

[21] **2,833,937**  
[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01) A23C 9/123 (2006.01) A23L 1/03 (2006.01) A61K 35/74 (2006.01)**

[25] EN

[54] **NOVEL LACTIC ACID BACTERIA AND COMPOSITIONS CONTAINING THEM AGAINST BACTERIAL COLDS**

[54] **NOUVELLES BACTERIES LACTIQUES ET COMPOSITIONS CONTENANT CES BACTERIES, CONTRE LES REFROIDISSEMENTS INFECTIEUX**

[72] LANG, CHRISTINE, DE

[72] RAAB, ANDREAS, DE

[72] BOLOTINA, NATALIA, DE

[71] ORGANOBALANCE MEDICAL AG, DE

[85] 2013-10-22

[86] 2012-05-16 (PCT/EP2012/059213)

[87] (WO2012/156491)

[30] EP (11166203.7) 2011-05-16

[21] **2,833,939**  
[13] A1

[51] **Int.Cl. A47F 3/00 (2006.01) A47F 5/00 (2006.01) A47F 5/02 (2006.01)**

[25] EN

[54] **MERCHANDISING UNIT WITH MOVEABLE HOUSING**

[54] **UNITE DE MARCHANDISAGE A BOITIER AMOVIBLE**

[72] GRIFFITHS, PHILIP MORGAN, GB

[72] UGO, GUIDO, CH

[72] DUARTE, NUNO, CH

[71] PHILIP MORRIS PRODUCTS S.A., CH

[85] 2013-10-22

[86] 2012-06-18 (PCT/EP2012/061597)

[87] (WO2012/172106)

[30] EP (11250597.9) 2011-06-17

[21] **2,833,941**  
[13] A1

[51] **Int.Cl. E01C 19/05 (2006.01) E01C 19/10 (2006.01)**

[25] EN

[54] **HOT ASPHALT PREPARATION SYSTEM AND METHOD FOR PRODUCING A NEW ASPHALT LAYER FROM THE ASPHALT TO BE RECYCLED**

[54] **SYSTEME DE PREPARATION D'ASPHALTE CHAUD ET PROCEDE POUR PRODUIRE UNE NOUVELLE COUCHE D'ASPHALTE A PARTIR DE L'ASPHALTE A RECYCLER**

[72] GENCER, MEHMET NEZIR, TR

[71] E-MAK MAKINA INSAAT TICARET VE SANAYI, TR

[85] 2013-10-22

[86] 2012-06-25 (PCT/EP2012/062197)

[87] (WO2012/146790)

[30] TR (2011/02838) 2011-04-28

[21] **2,833,942**  
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4162 (2006.01) A61P 19/02 (2006.01)**

[25] EN

[54] **NOVEL COMPOUND USEFUL FOR THE TREATMENT OF DEGENERATIVE AND INFLAMMATORY DISEASES**

[54] **NOUVEAU COMPOSE UTILE POUR LE TRAITEMENT DE MALADIES DEGENERATIVES ET INFLAMMATOIRES**

[72] MENET, CHRISTEL JEANNE MARIE, BE

[72] HODGES, ALASTAIR JAMES, GB

[72] VATER, HUW DAVID, GB

[71] GALAPAGOS NV, BE

[85] 2013-10-22

[86] 2012-04-26 (PCT/EP2012/057652)

[87] (WO2012/146657)

[30] US (61/479,956) 2011-04-28

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[21] **2,833,944**  
[13] A1

[51] **Int.Cl. F04B 15/02 (2006.01) F04B 53/10 (2006.01)**

[25] EN

[54] **HIGH PRESSURE STIMULATION PUMP**

[54] **POMPE DE STIMULATION HAUTE PRESSION**

[72] SURJAATMADJA, JIM B., US

[72] STEPHENSON, STANLEY V., US

[72] HUNTER, TIMOTHY H., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-10-22

[86] 2012-05-03 (PCT/GB2012/000407)

[87] (WO2012/150436)

[30] US (13/099,939) 2011-05-03

[21] **2,833,946**  
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01)**

[25] EN

[54] **MEANS AND METHODS FOR ACTIVE CELLULAR IMMUNOTHERAPY OF CANCER BY USING TUMOR CELLS KILLED BY HIGH HYDROSTATIC PRESSURE AND DENDRITIC CELLS**

[54] **MOYENS ET METHODES D'IMMUNOTHERAPIE CELLULAIRE ACTIVE DU CANCER PAR UTILISATION DE CELLULES TUMORALES TUEES PAR UNE PRESSION HYDROSTATIQUE ELEVEE ET DE CELLULES DENDRITIQUES**

[72] BARTUNKOVA, JIRINA, CZ

[72] PÍŠEK, RADEK, CZ

[72] ŠPIŠEK, RADEK, CZ

[71] SOTIO A.S., CZ

[85] 2013-10-22

[86] 2012-07-04 (PCT/EP2012/062950)

[87] (WO2013/004708)

[30] EP (11172622.0) 2011-07-05

[30] US (61/504,387) 2011-07-05

[21] **2,833,951**  
[13] A1

[51] **Int.Cl. B42D 15/00 (2006.01) G02B 3/06 (2006.01) G02B 27/22 (2006.01)**

[25] EN

[54] **SECURITY DEVICE**

[54] **DISPOSITIF DE SECURITE**

[72] HOLMES, BRIAN WILLIAM, GB

[71] DE LA RUE INTERNATIONAL LIMITED, GB

[85] 2013-10-22

[86] 2012-05-03 (PCT/GB2012/050963)

[87] (WO2012/153106)

[30] GB (1107657.7) 2011-05-09

[21] **2,833,952**  
[13] A1

[51] **Int.Cl. B01J 19/26 (2006.01) B01J 4/00 (2006.01) B01J 19/24 (2006.01) C07C 7/04 (2006.01)**

[25] EN

[54] **HEAVY HYDROCARBON REACTOR**

[54] **REACTEUR A HYDROCARBURES LOURDS**

[72] SALAZAR-GUILLEN, JOSE ARMANDO, US

[72] ARD, CHRISTOPHER, US

[71] MARATHON OIL CANADA CORPORATION, CA

[85] 2013-10-22

[86] 2012-04-11 (PCT/US2012/033013)

[87] (WO2012/145204)

[30] US (61/478,252) 2011-04-22

[30] US (13/292,747) 2011-11-09

[21] **2,833,954**  
[13] A1

[51] **Int.Cl. G01N 27/447 (2006.01) B01D 57/02 (2006.01) G01N 27/453 (2006.01)**

[25] EN

[54] **DEVICE AND METHOD FOR APPLYING A CONTINUOUS ELECTRIC FIELD**

[54] **DISPOSITIF ET PROCEDE POUR APPLIQUER UN CHAMP ELECTRIQUE CONTINU**

[72] SIDERIS, DIMITRIOS, GB

[72] ILES, ALEX, GB

[72] JACKSON, RICHARD, GB

[71] GENETIC MICRODEVICES LIMITED, GB

[85] 2013-10-22

[86] 2012-05-04 (PCT/GB2012/050973)

[87] (WO2012/153108)

[30] GB (1107584.3) 2011-05-06

[21] **2,833,956**  
[13] A1

[51] **Int.Cl. C07D 498/22 (2006.01) C07D 413/14 (2006.01)**

[25] EN

[54] **DIAZONAMIDE ANALOGS**

[54] **ANALOGUES DE DIAZONAMIDE**

[72] WEI, QI, US

[72] ZHOU, MING, US

[72] XU, XIAOMING, US

[72] CALDWELL, CHARLES, US

[72] HARRAN, SUSAN, US

[72] WANG, LAI, US

[71] JOYANT PHARMACEUTICALS, INC., US

[85] 2013-10-22

[86] 2012-04-15 (PCT/US2012/033715)

[87] (WO2012/145255)

[30] US (61/478,059) 2011-04-22

[21] **2,833,959**  
[13] A1

[51] **Int.Cl. G01N 27/62 (2006.01) H01J 49/42 (2006.01)**

[25] EN

[54] **ION MOBILITY SPECTROMETER DEVICE WITH EMBEDDED FAIMS CELLS**

[54] **DISPOSITIF SPECTROMETRIQUE A MOBILITE IONIQUE COMPORTANT DES CELLULES FAIMS INTEGRES**

[72] IVASHIN, DMITRIY V., US

[72] BOUMSELLEK, SAID, US

[71] IMPLANT SCIENCES CORPORATION, US

[85] 2013-10-22

[86] 2012-04-23 (PCT/US2012/034616)

[87] (WO2012/148836)

[30] US (13/066,894) 2011-04-27

[30] US (61/499,820) 2011-06-22

[30] US (13/506,120) 2012-03-28

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[21] **2,833,961**  
[13] A1

[51] **Int.Cl. C07D 413/04 (2006.01) A61K 31/422 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **FATTY ACID AMIDE HYDROLASE INHIBITORS FOR TREATING PAIN**

[54] **INHIBITEURS DE L'HYDROLASE D'AMIDE D'ACIDE GRAS (FAAH) POUR ADMINISTRER UN TRAITEMENT**

[72] WOODWARD, DAVID F., US  
[72] MARTOS, JOSE L., GB  
[72] CARLING, WILLIAM R., GB  
[72] POLOSO, NEIL J., US  
[72] WANG, JENNY W., US  
[71] ALLERGAN, INC., US  
[85] 2013-10-22  
[86] 2012-04-23 (PCT/US2012/034626)  
[87] (WO2012/145737)  
[30] US (61/478,225) 2011-04-22

[21] **2,833,962**  
[13] A1

[51] **Int.Cl. A61K 31/436 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **COMBINATION OF A PHOSPHATIDYLINOSITOL-3-KINASE (PI3K) INHIBITOR AND A MTOR INHIBITOR**

[54] **ASSOCIATION D'UN INHIBITEUR DE PHOSPHATIDYLINOSITOL-3-KINASE (PI3K) ET D'UN INHIBITEUR DE MTOR**

[72] FRITSCH, CHRISTINE, CH  
[72] GARCIA-ECHEVERRIA, CARLOS, FR  
[72] HUANG, XIZHONG, US  
[72] MAIRA, SAUVEUR-MICHEL, CH  
[71] NOVARTIS AG, CH  
[85] 2013-10-22  
[86] 2012-04-23 (PCT/US2012/034647)  
[87] (WO2012/148846)  
[30] US (61/478,572) 2011-04-25

[21] **2,833,963**  
[13] A1

[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4162 (2006.01) A61P 19/02 (2006.01)**

[25] EN

[54] **NOVEL COMPOUND USEFUL FOR THE TREATMENT OF DEGENERATIVE AND INFLAMMATORY DISEASES**

[54] **NOUVEAU COMPOSE UTILE POUR LE TRAITEMENT DE MALADIES DEGENERATIVES ET INFLAMMATOIRES**

[72] MENET, CHRISTEL JEANNE MARIE, BE  
[72] HODGES, ALASTAIR JAMES, GB  
[72] VATER, HUW DAVID, GB  
[71] GALAPAGOS NV, BE  
[85] 2013-10-22  
[86] 2012-04-26 (PCT/EP2012/057654)  
[87] (WO2012/146659)  
[30] US (61/479,956) 2011-04-28

[21] **2,833,964**  
[13] A1

[51] **Int.Cl. B01J 23/75 (2006.01) B01J 23/889 (2006.01) B01J 23/89 (2006.01) B01J 35/00 (2006.01) B01J 37/08 (2006.01) C07C 1/04 (2006.01)**

[25] EN

[54] **PROCESS FOR PREPARING A COBALT-CONTAINING HYDROCARBON SYNTHESIS CATALYST PRECURSOR**

[54] **PROCEDE DE PREPARATION D'UN PRECURSEUR DE CATALYSEUR DE SYNTHESE D'HYDROCARBURES CONTENANT DU COBALT**

[72] ELOFF, CORNELIA CAROLINA, ZA  
[72] VAN DE LOOSDRECHT, JAN, ZA  
[72] VISAGIE, JACOBUS LUCAS, ZA  
[72] VAN RENSBURG, HENDRIK, GB  
[71] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA  
[85] 2013-10-22  
[86] 2012-04-25 (PCT/IB2012/052070)  
[87] (WO2012/153218)  
[30] ZA (2011/03330) 2011-05-06

[21] **2,833,965**  
[13] A1

[51] **Int.Cl. H05H 1/30 (2006.01) H05H 1/46 (2006.01)**

[25] EN

[54] **METHOD FOR PROCESSING A GAS AND A DEVICE FOR PERFORMING THE METHOD**

[54] **PROCEDE DE TRAITEMENT DE GAZ ET DISPOSITIF PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE**

[72] RISBY, PHILIP JOHN, GB  
[72] PENNINGTON, DALE, GB  
[71] GASPLAS AS, NO  
[85] 2013-10-22  
[86] 2012-04-27 (PCT/IB2012/052115)  
[87] (WO2012/147054)  
[30] GB (1107130.5) 2011-04-28

[21] **2,833,966**  
[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01)**

[25] EN

[54] **NEEDLE ASSEMBLY STORAGE SYSTEM**

[54] **SYSTEME DE STOCKAGE D'ENSEMBLE D'AIGUILLES**

[72] DASBACH, UWE, DE  
[72] HOFMANN, VERENA, DE  
[72] NOBER, PETER, DE  
[72] ZEIMETZ, LEO, DE  
[72] MUTTER, THORSTEN, DE  
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE  
[85] 2013-10-22  
[86] 2012-04-27 (PCT/EP2012/057792)  
[87] (WO2012/146726)  
[30] EP (11164285.6) 2011-04-29

[21] **2,833,980**  
[13] A1

[51] **Int.Cl. H03G 3/30 (2006.01) H04B 1/16 (2006.01)**

[25] EN

[54] **RECEIVER OF RADIO FREQUENCY SIGNALS**

[54] **RECEPTEUR DE SIGNAUX RADIOFREQUENCE**

[72] MOIRAGHI, GUIDO, IT  
[72] MOIRAGHI, LUCA, IT  
[72] MOIRAGHI, PAOLO, IT  
[71] STE S.A.S. DI G. MOIRAGHI & C., IT  
[85] 2013-10-22  
[86] 2012-05-03 (PCT/IB2012/052212)  
[87] (WO2012/150565)  
[30] IT (MI2011A000756) 2011-05-05

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[21] **2,833,994**  
[13] A1

[51] **Int.Cl. A61M 5/00 (2006.01) A61M 5/32 (2006.01)**

[25] EN

[54] **NEEDLE ASSEMBLY REUSE PREVENTION MECHANISM**

[54] **MECANISME DE PREVENTION DE REUTILISATION D'UN ENSEMBLE AIGUILLE**

[72] DASBACH, UWE, DE

[72] HOFMANN, VERENA, DE

[72] NOBER, PETER, DE

[72] ZEIMETZ, LEO, DE

[72] MUTTER, THORSTEN, DE

[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE

[85] 2013-10-22

[86] 2012-04-27 (PCT/EP2012/057794)

[87] (WO2012/146728)

[30] EP (11164286.4) 2011-04-29

[21] **2,833,995**  
[13] A1

[51] **Int.Cl. D04H 1/60 (2006.01) D04H 1/732 (2012.01)**

[25] EN

[54] **DEVICE FOR MOULDING FIBROUS MATERIAL**

[54] **DISPOSITIF DE MOULAGE POUR MATERIAU FIBREUX**

[72] PEROZ, JACKY, FR

[71] AUTONEUM MANAGEMENT AG, CH

[85] 2013-10-22

[86] 2012-05-08 (PCT/EP2012/058446)

[87] (WO2012/156234)

[30] EP (11166646.7) 2011-05-19

[21] **2,833,998**  
[13] A1

[51] **Int.Cl. B26D 1/42 (2006.01) B26D 1/62 (2006.01) B26D 7/26 (2006.01)**

[25] EN

[54] **TRANSVERSE CUTTING DEVICE FOR CUTTING CELLULOSE PULP WEBS**

[54] **DISPOSITIF DE COUPE TRANSVERSALE DE BANDES DE PATE DE CELLULOSE**

[72] PASABAN SANCHEZ, SERGIO, ES

[72] OTANO PAGOLA, FRANCISCO JAVIER, ES

[71] PASABAN, S.A., ES

[85] 2013-10-22

[86] 2011-04-28 (PCT/ES2011/070304)

[87] (WO2012/146791)

[21] **2,834,011**  
[13] A1

[51] **Int.Cl. A61F 2/70 (2006.01) A61F 2/60 (2006.01)**

[25] EN

[54] **IMPEDANCE SIMULATING MOTION CONTROLLER FOR ORTHOTIC AND PROSTHETIC APPLICATIONS**

[54] **UNITE DE COMMANDE DE MOUVEMENT A STIMULATION PAR IMPEDANCE POUR DES APPLICATIONS ORTHETIQUES ET PROTHETIQUES**

[72] LANGLOIS, DAVID, CA

[71] VICTHOM HUMAN BIONICS, INC., CA

[85] 2013-10-22

[86] 2012-05-03 (PCT/IB2012/000998)

[87] (WO2012/150500)

[30] US (13/099,961) 2011-05-03

[21] **2,834,015**  
[13] A1

[51] **Int.Cl. B01J 23/75 (2006.01) B01J 23/889 (2006.01) B01J 23/89 (2006.01) B01J 35/00 (2006.01) B01J 37/08 (2006.01) C07C 1/04 (2006.01)**

[25] EN

[54] **A PROCESS FOR PREPARING A COBALT - CONTAINING HYDROCARBON SYNTHESIS CATALYST PRECURSOR**

[54] **PROCEDE DE PREPARATION D'UN PRECURSEUR DE CATALYSEUR DE SYNTHESE D'HYDROCARBURES, CONTENANT DU COBALT**

[72] BARRADAS, SEAN, ZA

[72] ELOFF, CORNELIA CAROLINA, ZA

[72] VISAGIE, JACOBUS LUCAS, ZA

[71] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA

[85] 2013-10-22

[86] 2012-04-25 (PCT/IB2012/052069)

[87] (WO2012/153217)

[30] ZA (2011/03329) 2011-05-06

[21] **2,834,017**  
[13] A1

[51] **Int.Cl. E06B 9/326 (2006.01) A44C 25/00 (2006.01)**

[25] EN

[54] **OPERATION CORD, AND OPERATION APPARATUS FOR SUNLIGHT SHIELDING APPARATUS**

[54] **CORDON D'ACTIONNEMENT ET DISPOSITIF D'ACTIONNEMENT POUR DISPOSITIF PARE-SOLEIL**

[72] NAKAMURA, HAJIME, JP

[72] ABO, SEIYA, JP

[72] KAWAI, EIJI, JP

[72] YAMAGUCHI, MASAYA, JP

[72] UEHARA, SHOJIRO, JP

[71] TACHIKAWA CORPORATION, JP

[85] 2013-10-22

[86] 2011-04-27 (PCT/JP2011/060227)

[87] (WO2011/136255)

[30] JP (2010-105928) 2010-04-30

[30] JP (2010-105883) 2010-04-30

[30] JP (2010-105881) 2010-04-30

[21] **2,834,019**  
[13] A1

[51] **Int.Cl. F16L 3/00 (2006.01) B21D 39/04 (2006.01) F16B 45/00 (2006.01) F16L 23/14 (2006.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR SAMSPENDING DUCT BY INSERTED CORNER MEMBERS**

[54] **PROCEDE ET APPAREIL DE SUSPENSION D'UNE GAINÉ PAR DES ELEMENTS D'ANGLE INSERES**

[72] CARSON, JEFFREY KENNETH, CA

[71] JBT STEEL INDUSTRIES INC., CA

[85] 2013-10-22

[86] 2012-04-20 (PCT/CA2012/000370)

[87] (WO2012/142700)

[30] US (61/478,300) 2011-04-22

[30] US (13/168,637) 2011-06-24



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[13] A1

[51] **Int.Cl. B23K 20/12 (2006.01) F01D 5/06 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)**

[25] EN

[54] **FRICTION JOINING METHOD AND JOINED STRUCTURE**

[54] **PROCEDE DE LIAISON PAR FRICTION ET STRUCTURE DE LIAISON**

[72] OIWA, NAOKI, JP  
[72] SAKAMOTO, RIE, JP  
[72] OTAKE, YASUHIRO, JP  
[72] TSUNORI, MITSUYOSHI, JP  
[72] NAKAMURA, KENJI, JP  
[72] KAWASHIMA, HIROAKI, JP  
[71] IHI CORPORATION, JP  
[85] 2013-10-22  
[86] 2012-04-24 (PCT/JP2012/060929)  
[87] (WO2012/147723)  
[30] JP (2011-097456) 2011-04-25

[21] **2,834,024**  
[13] A1

[51] **Int.Cl. C01G 23/00 (2006.01) H01M 4/485 (2010.01)**

[25] EN

[54] **TITANIUM RAW MATERIAL FOR LITHIUM TITANATE PRODUCTION AND METHOD FOR PRODUCING LITHIUM TITANATE USING SAME**

[54] **MATIERE PREMIERE A BASE DE TITANE POUR LA PRODUCTION DE TITANATE DE LITHIUM ET PROCEDE POUR LA PRODUCTION DE TITANATE DE LITHIUM L'UTILISANT**

[72] HONMA, MASATOSHI, JP  
[72] TAKESHIMA, KAZUYOSHI, JP  
[72] TAKEUCHI, TSUNEHISA, JP  
[72] ISHIZAWA, ATSUSHI, JP  
[72] OKUDA, YUSUKE, JP  
[71] ISHIHARA SANGYO KAISHA, LTD., JP  
[85] 2013-10-22  
[86] 2012-04-26 (PCT/JP2012/061216)  
[87] (WO2012/147856)  
[30] JP (2011-100660) 2011-04-28  
[30] JP (2011-100669) 2011-04-28

[21] **2,834,025**  
[13] A1

[51] **Int.Cl. B65D 43/06 (2006.01) B65D 43/16 (2006.01) B65D 43/22 (2006.01)**

[25] EN

[54] **CONTAINMENT SYSTEM AND ADAPTIVE SEALING SYSTEMS THEREFORE AND METHODS FOR OPERATING THE SAME**

[54] **SYSTEME DE CONFINEMENT ET SYSTEMES D'ETANCHEITE ADAPTATIFS POUR CELUI-CI ET METHODES D'UTILISATION DE CELUI-CI**

[72] GREENBERG, DANIEL, US  
[71] GREENBERG, DANIEL, US  
[85] 2013-10-22  
[86] 2012-04-24 (PCT/US2012/034778)  
[87] (WO2012/148903)  
[30] US (61/478,745) 2011-04-25

[21] **2,834,026**  
[13] A1

[51] **Int.Cl. E21B 23/01 (2006.01) E21B 43/10 (2006.01)**

[25] EN

[54] **EXPANDABLE OPEN-HOLE ANCHOR**

[54] **ANCRAGE EXPANSIBLE DE TROU EN DECOUVERT**

[72] GANDIKOTA, VARADARAJU, US  
[72] KENDZIORA, LARRY A., US  
[72] GIROUX, RICHARD L., US  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2013-10-21  
[86] 2012-04-26 (PCT/US2012/035304)  
[87] (WO2012/149224)  
[30] US (13/095,803) 2011-04-27

[21] **2,834,027**  
[13] A1

[51] **Int.Cl. C12N 15/29 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **ISOLATED POLYNUCLEOTIDES AND POLYPEPTIDES AND METHODS OF USING SAME FOR INCREASING PLANT YIELD, BIOMASS, GROWTH RATE, VIGOR, OIL CONTENT, ABIOTIC STRESS TOLERANCE OF PLANTS AND NITROGEN USE EFFICIENCY**

[54] **POLYNUCLEOTIDES ET POLYPEPTIDES ISOLES ET LEURS PROCEDES D'UTILISATION POUR AUGMENTER LE RENDEMENT DE PLANTES, LA BIOMASSE, LA VITESSE DE CROISSANCE, LA VIGUEUR, LA TENEUR EN HUILE, LA TOLERANCE AU STRESS ABIOTIQUE DE PLANTES ET L'EFFICACITE D'UTILISATION DE L'AZOTE**

[72] MATARASSO, NOA, IL  
[72] EMMANUEL, EYAL, IL  
[72] PANIK, DAVID, IL  
[72] DANGOOR, INBAL NURITH, IL  
[72] KARCHI, HAGAI, IL  
[71] EVOGENE LTD., IL  
[85] 2013-10-22  
[86] 2012-05-02 (PCT/IL2012/050154)  
[87] (WO2012/150598)  
[30] US (61/481,752) 2011-05-03  
[30] US (61/537,621) 2011-09-22

[21] **2,834,028**  
[13] A1

[51] **Int.Cl. A61K 31/192 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/46 (2006.01) A61K 47/22 (2006.01) A61P 25/02 (2006.01) A61P 29/00 (2006.01) A61P 43/00 (2006.01)**

[25] EN

[54] **STABLE PHARMACEUTICAL COMPOSITION**

[54] **COMPOSITION PHARMACEUTIQUE STABLE**

[72] KANO, YUICHIRO, JP  
[71] KOWA COMPANY, LTD., JP  
[85] 2013-10-22  
[86] 2012-05-01 (PCT/JP2012/061560)  
[87] (WO2012/147986)  
[30] JP (2011-101363) 2011-04-28

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[13] A1

[51] **Int.Cl. H04M 1/02 (2006.01) H04M 3/56 (2006.01) H04R 1/02 (2006.01) H05K 7/20 (2006.01)**

[25] EN  
[54] **CONFERENCE DEVICE**  
[54] **DISPOSITIF DE CONFERENCE**  
[72] SHIDA, HARUO, JP  
[72] HAYASHI, NOBUTAKE, JP  
[72] ODANAKA, SATOSHI, JP  
[71] RICOH COMPANY, LIMITED, JP  
[85] 2013-10-22  
[86] 2012-04-26 (PCT/JP2012/061694)  
[87] (WO2012/147993)  
[30] JP (2011-101685) 2011-04-28

[21] **2,834,030**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/10 (2006.01) C12N 15/11 (2006.01)**

[25] EN  
[54] **DETECTION OF TARGET NUCLEIC ACID SEQUENCES BY PO CLEAVAGE AND HYBRIDIZATION**  
[54] **DETECTION DE SEQUENCES D'ACIDES NUCLEIQUES CIBLES PAR CLIVAGE ET HYBRIDATION DE PO**  
[72] CHUN, JONG YOON, KR  
[72] LEE, YOUNG JO, KR  
[71] SEEGENE, INC., KR  
[85] 2013-10-22  
[86] 2012-05-03 (PCT/KR2012/003497)  
[87] (WO2012/150835)  
[30] KR (10-2011-0042332) 2011-05-04  
[30] KR (10-2011-0068888) 2011-07-12  
[30] KR (PCT/KR2011/009317) 2011-12-02

[21] **2,834,035**  
[13] A1

[51] **Int.Cl. A61K 8/37 (2006.01) A61K 8/34 (2006.01) A61Q 17/04 (2006.01)**

[25] EN  
[54] **CLEAR WET SPRAYS AND GELS**  
[54] **PULVERISATIONS HUMIDES ET GELS CLAIRS**  
[72] FARES, HANI M., US  
[72] PRETTYPAUL, DONALD I., US  
[72] KENNEDY, DIANE M., US  
[71] ISP INVESTMENTS INC., US  
[85] 2013-10-22  
[86] 2012-04-27 (PCT/US2012/035501)  
[87] (WO2012/149355)  
[30] US (61/479,578) 2011-04-27  
[30] US (61/488,237) 2011-05-20

[21] **2,834,036**  
[13] A1

[51] **Int.Cl. E04G 5/12 (2006.01) E04G 21/24 (2006.01) E04G 21/28 (2006.01)**

[25] EN  
[54] **ACOUSTICAL DAMPENING SYSTEM**  
[54] **SYSTEME D'ABSORPTION ACOUSTIQUE**  
[72] NORDIN, DAG, SE  
[71] NORDIN, DAG, SE  
[85] 2013-10-22  
[86] 2011-11-04 (PCT/SE2011/000200)  
[87] (WO2012/060759)  
[30] SE (SE 1001078-3) 2010-11-05

[21] **2,834,037**  
[13] A1

[51] **Int.Cl. B41B 11/00 (2006.01)**

[25] EN  
[54] **METHOD AND APPARATUS FOR MOUNTING A PRINTING PLATE**  
[54] **PROCEDE ET APPAREIL DE MONTAGE D'UNE PLAQUE D'IMPRESSION**  
[72] LEADER, CHARLES BURLEIGH, US  
[72] EDDY, JAMES R., US  
[72] MANZELLA, MICHAEL J., US  
[72] CASLER, DAVID L., US  
[71] LEADER ENGINEERING-FABRICATION, INC., US  
[85] 2013-10-22  
[86] 2012-04-27 (PCT/US2012/035577)  
[87] (WO2012/149408)  
[30] US (61/479,894) 2011-04-28

[21] **2,834,038**  
[13] A1

[51] **Int.Cl. C02F 3/20 (2006.01) B01F 3/04 (2006.01)**

[25] EN  
[54] **DIFFUSOR AND DIFFUSOR UNIT FOR DIFFUSING A GAS INTO A LIQUID**  
[54] **DIFFUSEUR ET UNITE DE DIFFUSION POUR DIFFUSER UN GAZ DANS UN LIQUIDE**  
[72] TEGLE, JOHAN, SE  
[72] NORDEMO, STEFAN, SE  
[72] PORATH, PER, SE  
[71] XYLEM IP HOLDINGS LLC, US  
[85] 2013-10-22  
[86] 2012-04-23 (PCT/SE2012/050423)  
[87] (WO2012/148346)  
[30] SE (1150358-8) 2011-04-26

[21] **2,834,040**  
[13] A1

[51] **Int.Cl. A61K 38/38 (2006.01) A61K 9/51 (2006.01) A61K 31/436 (2006.01) A61M 25/00 (2006.01) A61P 9/10 (2006.01)**

[25] EN  
[54] **INTRAVASCULAR DELIVERY OF NANOPARTICLE COMPOSITIONS AND USES THEREOF**  
[54] **ADMINISTRATION INTRAVASCULAIRE DE COMPOSITIONS DE NANOPARTICULES ET LEURS UTILISATIONS**  
[72] SEWARD, KIRK, US  
[72] DESAI, NEIL P., US  
[71] ABRAXIS BIOSCIENCE, LLC, US  
[71] MERCATOR MEDSYSTEMS, INC., US  
[85] 2013-10-22  
[86] 2012-04-27 (PCT/US2012/035626)  
[87] (WO2012/149451)  
[30] US (61/518,084) 2011-04-28  
[30] US (61/557,851) 2011-11-09

[21] **2,834,042**  
[13] A1

[51] **Int.Cl. A61K 31/7012 (2006.01) A61K 31/70 (2006.01) A61K 31/7016 (2006.01) A61P 25/00 (2006.01)**

[25] EN  
[54] **ACUTE COGNITIVE AND MOOD EFFECTS OF PLANT POLYSACCHARIDES IN ADULT HUMAN SUBJECTS**  
[54] **EFFETS COGNITIFS ET SUR L'HUMEUR AIGUS DE POLYSACCHARIDES DE PLANTE CHEZ DES SUJETS HUMAINS ADULTES**  
[72] BEST, TALITHA, AU  
[71] MANNATECH, INCORPORATED, US  
[71] UNIVERSITY OF SOUTH AUSTRALIA, AU  
[85] 2013-10-22  
[86] 2012-04-24 (PCT/US2012/034752)  
[87] (WO2012/148887)  
[30] US (61/479,632) 2011-04-27  
[30] US (13/453,540) 2012-04-23

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[21] **2,834,043**  
[13] A1

[51] **Int.Cl. A01N 43/40 (2006.01) A61K 31/444 (2006.01) A61K 31/496 (2006.01) A61K 31/675 (2006.01) A61K 31/69 (2006.01) A61P 11/00 (2006.01) C07D 401/02 (2006.01)**

[25] EN

[54] **AMINO-PYRIDINE-CONTAINING SPLEEN TYROSINE KINASE (SYK) INHIBITORS**

[54] **INHIBITEURS DE TYROSINE KINASE SPLENIQUE CONTENANT UNE AMINOPYRIDINE**

[72] ROMEO, ERIC THOMAS, US  
[72] MACHACEK, MICHELLE R., US  
[72] TROTTER, BENJAMIN WESLEY, US  
[72] MILLER, THOMAS ALLEN, US  
[72] ANDRESEN, BRIAN MICHAEL, US  
[72] ANTHONY, NEVILLE JOHN, US  
[72] TAOKA, BRANDON M., US  
[72] LIU, YUAN, US  
[71] MERCK SHARP & DOHME CORP., US

[85] 2013-10-22  
[86] 2012-04-30 (PCT/US2012/035725)  
[87] (WO2012/151137)  
[30] US (61/482,508) 2011-05-04

[21] **2,834,045**  
[13] A1

[51] **Int.Cl. C07D 513/04 (2006.01)**

[25] EN

[54] **KINASE INHIBITORS**

[54] **INHIBITEURS DE KINASES**

[72] REDDY, M.V. RAMANA, US  
[72] REDDY, E. PREMKUMAR, US  
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US

[85] 2013-10-22  
[86] 2012-04-30 (PCT/US2012/035880)  
[87] (WO2012/149567)  
[30] US (61/480,687) 2011-04-29

[21] **2,834,046**  
[13] A1

[51] **Int.Cl. H04N 7/08 (2006.01) H04N 7/173 (2011.01)**

[25] EN

[54] **METHOD FOR TRANSMITTING A BROADCAST SERVICE, APPARATUS FOR RECEIVING SAME, AND METHOD FOR PROCESSING AN ADDITIONAL SERVICE USING THE APPARATUS FOR RECEIVING SAME**

[54] **PROCEDE PERMETTANT DE TRANSMETTRE UN SERVICE DE DIFFUSION, APPAREIL PERMETTANT DE LE RECEVOIR, ET PROCEDE PERMETTANT DE TRAITER UN SERVICE SUPPLEMENTAIRE EN UTILISANT L'APPAREIL PERMETTANT DE LE RECEVOIR**

[72] MOON, KYOUNGSOO, KR  
[72] SUH, JONGYEUL, KR  
[72] KIM, KWANSUK, KR  
[72] KIM, JINPIL, KR  
[72] KIM, SANGHYUN, KR  
[72] JI, AETTIE, KR  
[72] KIM, KYUNGHO, KR  
[72] LEE, JOONHUI, KR  
[71] LG ELECTRONICS INC., KR

[85] 2013-10-22  
[86] 2012-05-24 (PCT/KR2012/004124)  
[87] (WO2012/161535)  
[30] US (61/489,652) 2011-05-24

[21] **2,834,048**  
[13] A1

[51] **Int.Cl. H01H 19/18 (2006.01) F16K 37/00 (2006.01) H01H 19/06 (2006.01) H01H 36/00 (2006.01)**

[25] EN

[54] **ENCLOSED PROXIMITY SWITCH ASSEMBLY**

[54] **ENSEMBLE CONTACTEUR DE PROXIMITE ENFERME**

[72] MERRIFIELD, GREGORY CURTIS, US  
[72] LAFOUNTAIN, ROBERT LYNN, US  
[72] PATE, BRIAN PHILLIP, US  
[72] SIMMONS, MICHAEL JOHN, US  
[71] GENERAL EQUIPMENT AND MANUFACTURING COMPANY, INC., D/B/A TOPWORX, INC., US

[85] 2013-10-22  
[86] 2012-04-25 (PCT/US2012/034919)  
[87] (WO2012/148970)  
[30] US (61/480,342) 2011-04-28

[21] **2,834,049**  
[13] A1

[51] **Int.Cl. A01N 43/38 (2006.01) A61K 31/166 (2006.01) A61K 31/5025 (2006.01) A61K 31/5377 (2006.01) A61P 27/00 (2006.01)**

[25] EN

[54] **PYRAZOLOPYRIDAZINES AND METHODS FOR TREATING RETINAL-DEGENERATIVE DISEASES AND HEARING LOSS ASSOCIATED WITH USHER SYNDROME**

[54] **PYRAZOLOPYRIDAZINES ET METHODES DE TRAITEMENT DES MALADIES DEGENERATIVES DE LA RETINE ET LA PERTE D'AUDITION ASSOCIEE AU SYNDROME DE USHER**

[72] BURLI, ROLAND WERNER, GB  
[72] ESMIEU, WILLIAM RAMESHCHANDRA KRISHNA, GB  
[72] LOCK, CHRISTOPHER JAMES, GB  
[72] MALAGU, KARINE FABIENNE, GB  
[72] OWENS, ANDREW PATE, GB  
[72] HARTE, WILLIAM EDWARD, US  
[71] USHER III INITIATIVE, US

[85] 2013-10-22  
[86] 2012-04-25 (PCT/US2012/034959)  
[87] (WO2012/148994)  
[30] US (61/478,642) 2011-04-25  
[30] US (61/537,908) 2011-09-22  
[30] US (61/576,471) 2011-12-16

[21] **2,834,050**  
[13] A1

[51] **Int.Cl. C25B 1/04 (2006.01) C25B 9/00 (2006.01) C25B 11/02 (2006.01)**

[25] EN

[54] **HYDROGEN GAS GENERATOR**

[54] **GENERATEUR DE GAZ HYDROGENE**

[72] GOTHEIL-YELLE, SCOTT, US  
[71] HYDRORIPP LLC, US

[85] 2013-10-22  
[86] 2012-05-01 (PCT/US2012/035954)  
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[30] US (13/099,707) 2011-05-03

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[54] **BIOFUEL PRODUCTION METHOD AND SYSTEM**  
[54] **PROCEDE ET SYSTEME DE PRODUCTION DE BIOCARBURANT**  
[72] HANSON, ARLIS, US  
[72] THOMPSON, ANTON ANGELO, US  
[72] SEVER, NICHOLAS JOSEPH, US  
[72] PETERSON, RICHARD LEE, US  
[72] ICE, LUKE CHRISTOPHER, US  
[71] GER ENTERPRISES, LLC, US  
[85] 2013-10-22  
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[87] (WO2012/149037)  
[30] US (13/094,502) 2011-04-26

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[13] A1

[51] **Int.Cl. D21C 11/12 (2006.01) C10J 1/06 (2006.01) C10J 1/12 (2006.01)**  
[25] EN  
[54] **GASIFICATION OF BIO-OIL AND ALKALI CONTAINING ENERGY RICH AQUEOUS SOLUTIONS FROM PULP MILLS**  
[54] **GAZEIFICATION DE BIO-HUILE ET DE SOLUTIONS AQUEUSES RICHES EN ENERGIE CONTENANT DES ALCALIS PROVENANT D'USINES DE PATE A PAPIER**  
[72] FURUSJO, ERIK, SE  
[72] LANDALV, INGVAR, SE  
[72] STARE, RAGNAR, SE  
[71] CHEMREC AB, SE  
[85] 2013-10-22  
[86] 2012-04-26 (PCT/SE2012/050441)  
[87] (WO2012/150899)  
[30] SE (1150362-0) 2011-04-26

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[13] A1

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[25] EN  
[54] **YEAST STRAINS ENGINEERED TO PRODUCE ETHANOL FROM GLYCEROL**  
[54] **SOUCHES DE LEVURES MODIFIEES POUR PRODUIRE DE L'ETHANOL A PARTIR DE GLYCEROL**  
[72] DE BONT, JOHANNES ADRIANUS MARIA, NL  
[72] TEUNISSEN, ALOYSIUS WILHELMUS RUDOLPHUS HUBERTUS, NL  
[71] DSM IP ASSETS B.V., NL  
[85] 2013-10-22  
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[51] **Int.Cl. H02M 7/49 (2007.01) H02J 3/18 (2006.01)**  
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[54] **CONVERTER**  
[54] **CONVERTISSEUR**  
[72] TRAINER, DAVID REGINALD, GB  
[72] GREEN, TIMOTHY CHARLES, GB  
[72] MERLIN, MICHAEL MARC CLAUDE, FR  
[72] SOTO-SANCHEZ, DIEGO, GB  
[71] ALSTOM TECHNOLOGY LTD, CH  
[85] 2013-10-23  
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[25] EN  
[54] **OCULAR DETECTION OF AMYLOID PROTEINS**  
[54] **DETECTION OCULAIRE DE PROTEINES AMYLOIDES**  
[72] FEUERSTEIN, GIORA, US  
[72] CLIFF, RICHARD, US  
[71] ADLYFE, INC., US  
[85] 2013-10-22  
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[87] (WO2012/149145)  
[30] US (61/479,677) 2011-04-27

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[13] A1

[51] **Int.Cl. F02C 7/36 (2006.01) B60L 11/02 (2006.01)**  
[25] EN  
[54] **GAS TURBINE ARRANGEMENT FOR A LOCOMOTIVE**  
[54] **INSTALLATION A TURBINE A GAZ POUR LOCOMOTIVE**  
[72] NESTEROV, EDUARD IVANOVICH, RU  
[72] KOSOV, VALERIY SEMYENOVICH, RU  
[72] RUDENKO, VLADIMIR FEDOROVICH, RU  
[72] SAZONOV, IGOR VALENTINOVICH, RU  
[71] OPEN JOINT STOCK COMPANY «RUSSIAN RAILWAYS», RU  
[85] 2013-10-22  
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[87] (WO2013/006083)  
[30] RU (2011127665) 2011-07-07

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[51] **Int.Cl. F03D 1/00 (2006.01) F03D 1/06 (2006.01)**  
[25] EN  
[54] **WIND TURBINE**  
[54] **EOLIENNE**  
[72] BRENNER, ALBRECHT, DE  
[72] KNOOP, FRANK, DE  
[72] UBBEN, MATTHIAS, DE  
[71] WOBEN PROPERTIES GMBH, DE  
[85] 2013-10-23  
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[54] **TUBULAR CUTTING WITH DEBRIS FILTRATION**

[54] **COUPE DE MATERIEL TUBULAIRE AVEC FILTRATION DES DEBRIS**

[72] CROW, STEPHEN L., US

[72] HENDRIK, MARCELLE H., US

[72] NORDENSTAM, ERIK V., US

[72] GUIDRY, CHRISTOPHER W., US

[71] BAKER HUGHES INCOPORATED, US

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[54] **HIGH EXPRESSION CEREAL PHYTASE GENE**

[54] **GENE DE PHYTASE DE CEREALE A EXPRESSION ELEVEE**

[72] BRINCH-PEDERSEN, HENRIK, DK

[72] MADSEN, CLAUS KROGH, DK

[72] DIONISIO, GIUSEPPE, DK

[72] HOLM, PREBEN BACH, DK

[71] AARHUS UNIVERSITET, DK

[85] 2013-10-23

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[30] EP (11163875.5) 2011-04-27

[30] US (61/479,689) 2011-04-27

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[13] A1

[51] **Int.Cl. C12P 7/06 (2006.01) C12P 19/14 (2006.01)**

[25] EN

[54] **USE OF CELLULASE AND GLUCOAMYLASE TO IMPROVE ETHANOL YIELDS FROM FERMENTATION**

[54] **UTILISATION DE CELLULASE ET DE GLYCOAMYLASE POUR AMELIORER DES RENDEMENTS D'ETHANOL PROVENANT DE FERMENTATION**

[72] LI, MIAN, US

[72] MITCHINSON, COLIN, US

[71] DANISCO US INC., US

[85] 2013-10-22

[86] 2012-04-27 (PCT/US2012/035393)

[87] (WO2012/149275)

[30] US (61/481,094) 2011-04-29

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[13] A1

[51] **Int.Cl. C07D 213/72 (2006.01)**

[25] EN

[54] **PYRIDYL AMINOPYRIDINES AS SYK INHIBITORS**

[54] **PYRIDYLAMINOPYRIDINES EN TANT QU'INHIBITEURS DE SYK**

[72] ALTMAN, MICHAEL D., US

[72] DI FRANCESCO, MARIA EMILIA, US

[72] HAIDLE, ANDREW M., US

[72] OTTE, RYAN D., US

[72] ELLIS, JOHN MICHAEL, US

[72] CHILDERS, KALEEN KONRAD, US

[72] NORTHROP, ALAN B., US

[72] YANG, LIPING, US

[71] MERCK SHARP & DOHME CORP., US

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[86] 2012-05-04 (PCT/US2012/036426)

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[30] US (61/484,431) 2011-05-10

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[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/5578 (2006.01) A61P 9/12 (2006.01)**

[25] EN

[54] **ADMINISTRATION OF ILOPROST AS AEROSOL BOLUS**

[54] **ADMINISTRATION D'ILOPROST COMME BOLUS SOUS FORME D'AEROSOL**

[72] GESSLER, TOBIAS, DE

[72] SCHMEHL, THOMAS, DE

[72] SEEGER, WERNER, DE

[72] VOSWINCKEL, ROBERT, DE

[71] ACTIVAERO GMBH, DE

[85] 2013-10-23

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[13] A1

[51] **Int.Cl. A45D 33/00 (2006.01) A45D 34/04 (2006.01) A45D 40/26 (2006.01)**

[25] EN

[54] **MULTI-APPLICATOR TOOL**

[54] **OUTIL A APPLICATEURS MULTIPLES**

[72] JANG, KYOUNG AE, US

[71] ANISA INTERNATIONAL, INC., US

[85] 2013-10-22

[86] 2012-05-17 (PCT/US2012/038356)

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[30] US (61/487,067) 2011-05-17

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[13] A1

[51] **Int.Cl. B32B 15/04 (2006.01)**  
[25] EN  
[54] **PROCESS FOR PRODUCING A POLYMER COATED METAL SUBSTRATE AND A METAL STRIP SUBSTRATE PROVIDED WITH A POLYMER COATING**  
[54] **PROCEDE PERMETTANT DE PRODUIRE UN SUBSTRAT DE METAL REVETU DE POLYMERES ET SUBSTRAT DE BANDE DE METAL POURVU D'UN REVETEMENT DE POLYMERES**  
[72] PENNING, JAN PAUL, NL  
[72] BERENDS, ANKE MARJA, NL  
[72] STEEGH, MICHIEL, NL  
[72] WARINGA, CORNELIS JOHANNES, NL  
[71] TATA STEEL IJMUIDEN BV, NL  
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[87] (WO2012/146654)  
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[13] A1

[51] **Int.Cl. F16L 5/14 (2006.01)**  
[25] EN  
[54] **BULKHEAD FITTING ASSEMBLY**  
[54] **ENSEMBLE DE MONTAGE DE CLOISON**  
[72] IRWIN, JAMES P., US  
[72] MINTEER, DAVID W., US  
[72] JOHNSON, BENJAMIN A., US  
[72] DOWELL, ERIK W., US  
[71] THE BOEING COMPANY, US  
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[86] 2012-05-21 (PCT/US2012/038836)  
[87] (WO2012/177344)  
[30] US (13/166,371) 2011-06-22

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[13] A1

[51] **Int.Cl. E21B 19/16 (2006.01) E21B 10/00 (2006.01) E21B 33/06 (2006.01)**  
[25] EN  
[54] **MULTI-POSITION MECHANICAL SPEAR FOR MULTIPLE TENSION CUTS WHILE REMOVING CUTTINGS**  
[54] **HARPON MECANIQUE MULTI-POSITION POUR COUPES MULTIPLES EN TENSION AVEC ELIMINATION SIMULTANEE DES DEBRIS**  
[72] CROW, STEPHEN L., US  
[72] HENDRIK, MARCELLE H., US  
[72] NORDENSTAM, ERIK V., US  
[72] GUIDRY, CHRISTOPHER W., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2013-10-22  
[86] 2012-05-04 (PCT/US2012/036454)  
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[30] US (13/107,638) 2011-05-13

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[13] A1

[51] **Int.Cl. C10M 129/72 (2006.01) C10M 133/16 (2006.01)**  
[25] EN  
[54] **AROMATIC IMIDES AND ESTERS AS LUBRICANT ADDITIVES**  
[54] **IMIDES ET ESTERS AROMATIQUES UTILISES COMME ADDITIFS DE LUBRIFIANT**  
[72] SACCOMANDO, DANIEL J., GB  
[72] VICKERMAN, RICHARD J., US  
[72] BARTLEY, STUART L., US  
[72] KOC SIS, JODY A., US  
[71] THE LUBRIZOL CORPORATION, US  
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[30] US (61/485,247) 2011-05-12

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[54] **INJECTION MOLDING PROCESS**  
[54] **PROCEDE DE MOULAGE PAR INJECTION**  
[72] HALTER, CHRISTOPHE, BE  
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
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[13] A1

[51] **Int.Cl. A61F 13/511 (2006.01) A61F 13/514 (2006.01)**  
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[54] **BANDE FORMEE COMPRENANT DES DECOUPES**  
[72] STONE, KEITH JOSEPH, US  
[72] COE, RICHARD GEORGE, US  
[72] HILPERT, MATHIAS JOHANNES, US  
[72] BUSCH, JAMES WILLIAM, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2013-10-23  
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[30] US (13/094,593) 2011-04-26

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[13] A1

[51] **Int.Cl. C10M 141/08 (2006.01) C10M 161/00 (2006.01)**  
[25] EN  
[54] **LUBRICATING COMPOSITIONS FOR TURBINE AND HYDRAULIC SYSTEMS WITH IMPROVED ANTIOXIDANCY**  
[54] **COMPOSITIONS LUBRIFIANTES POUR TURBINES ET SYSTEMES HYDRAULIQUES A POUVOIR ANTIOXYDANT AMELIORE**  
[72] CRAWLEY, SETH L., US  
[72] BUTKE, BETSY J., US  
[71] THE LUBRIZOL CORPORATION, US  
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[51] **Int.Cl. G01V 3/26 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MULTI-COMPONENT WELLBORE ELECTRIC FIELD MEASUREMENTS USING CAPACITIVE SENSORS**

[54] **APPAREIL ET PROCEDE PERMETTANT D'EFFECTUER DES MESURES DE CHAMP ELECTRIQUE DE Puits DE FORAGE A PLUSIEURS ELEMENTS A L'AIDE DE CAPTEURS CAPACITIFS**

[72] COLOMBO, DANIELE, SA  
[72] KEHO, TIMOTHY, SA  
[72] JERVIS, MICHAEL ANTHONY, SA  
[72] BOULDIN, BRETT W., SA  
[71] SAUDI ARABIAN OIL COMPANY, SA

[85] 2013-10-22  
[86] 2012-05-15 (PCT/US2012/037886)  
[87] (WO2012/158666)  
[30] US (13/109,733) 2011-05-17

[21] **2,834,081**  
[13] A1

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[25] EN  
[54] **CHARCOAL HAVING ENCAPSULATED IGNITER MATERIAL**

[54] **CHARBON DE BOIS COMPRENANT UNE SUBSTANCE INFLAMMABLE ENCAPSULEE**

[72] SEEHAFFER, TROY RONALD, US  
[72] DEBRAAL, JOHN CHARLES, US  
[71] APPLETON PAPERS INC., US

[85] 2013-10-22  
[86] 2012-05-22 (PCT/US2012/038914)  
[87] (WO2012/166419)  
[30] US (61/492,168) 2011-06-01

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[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61K 38/50 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C12N 9/78 (2006.01) C12N 9/96 (2006.01)**

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[54] **METHODS OF TREATMENT WITH ARGININE DEIMINASE**

[54] **METHODES DE TRAITEMENT PAR UNE ARGININE DEIMINASE**

[72] BOMALASKI, JOHN, US  
[72] WU, BOR-WEN, US  
[71] POLARIS GROUP, CN

[85] 2013-10-22  
[86] 2012-05-30 (PCT/US2012/039979)  
[87] (WO2013/151568)  
[30] US (61/620,368) 2012-04-04

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[13] A1

[51] **Int.Cl. A47C 27/00 (2006.01) B68G 7/06 (2006.01)**

[25] EN  
[54] **CUSHIONING ELEMENTS COMPRISING ELASTOMERIC MATERIAL AND METHODS OF FORMING SAME**

[54] **ELEMENTS D'AMORTISSEMENT COMPRENANT UNE MATIERE ELASTOMERE ET LEURS PROCEDES DE FORMATION**

[72] PEARCE, TONY M., US  
[72] WHATCOTT, RUSSELL B., US  
[71] EDIZONE, LLC, US

[85] 2013-10-23  
[86] 2012-04-24 (PCT/US2012/034815)  
[87] (WO2012/148915)  
[30] US (61/517,872) 2011-04-27  
[30] US (61/627,612) 2011-10-14

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[13] A1

[51] **Int.Cl. A61M 1/36 (2006.01)**

[25] EN  
[54] **MEDICAL TEMPERATURE SENSORS AND RELATED SYSTEMS AND METHODS**

[54] **CAPTEURS DE TEMPERATURES A USAGE MEDICAL, SYSTEMES ET PROCEDES S'Y RAPPORTANT**

[72] LEVIN, ROLAND, US  
[72] CRNKOVICH, MARTIN JOSEPH, US  
[71] FRESINIUS MEDICAL CARE HOLDINGS, INC., US

[85] 2013-10-23  
[86] 2012-04-25 (PCT/US2012/034902)  
[87] (WO2012/148962)  
[30] US (13/094,133) 2011-04-26

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[13] A1

[51] **Int.Cl. B65D 71/00 (2006.01) B65D 79/02 (2006.01) F16B 11/00 (2006.01)**

[25] EN  
[54] **ADHESIVE PATCH AND METHOD OF USE IN A PACKAGING SYSTEM**

[54] **PATCH ADHESIF ET PROCEDE D'UTILISATION DANS UN SYSTEME D'EMBALLAGE**

[72] IVOSEVIC, MILAN, US  
[72] TITUS, NOEL, US  
[71] BECTON, DICKINSON AND COMPANY, US

[85] 2013-10-23  
[86] 2012-04-25 (PCT/US2012/034947)  
[87] (WO2012/148986)  
[30] US (61/479,112) 2011-04-26  
[30] US (13/455,322) 2012-04-25

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[13] A1

[51] **Int.Cl. F16L 25/03 (2006.01) B64D 45/02 (2006.01) B64D 37/32 (2006.01)**

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[54] **APPARATUS FOR PREVENTING SPARK PROPAGATION**

[54] **APPAREIL DE PROTECTION CONTRE LA PROPAGATION D'ETINCELLE**

[72] RORABAUGH, MICHAEL E., US  
[72] IRWIN, JAMES P., US  
[72] JOHNSON, BENJAMIN A., US  
[72] DOWELL, ERIK W., US  
[71] THE BOEING COMPANY, US

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[30] US (13/167,809) 2011-06-24

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[13] A1

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[25] EN  
[54] **METHOD FOR MAKING DEHYDRATED MYCELIUM ELEMENTS AND PRODUCT MADE THEREBY**  
[54] **PROCEDE DE FABRICATION D'ELEMENTS DE MYCELIUM DESHYDRATES ET PRODUIT FABRIQUE PAR CE PROCEDE**  
[72] BAYER, EBEN, US  
[72] MCINTYRE, GAVIN, US  
[71] ECOVATIVE DESIGN LLC, US  
[85] 2013-10-23  
[86] 2012-04-25 (PCT/US2012/034960)  
[87] (WO2012/148995)  
[30] US (61/517,749) 2011-04-25  
[30] US (13/454,856) 2012-04-24

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[13] A1

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[25] EN  
[54] **HYBRID SEED POTATO BREEDING**  
[54] **REPRODUCTION DE POMME DE TERRE DE SEMENCE HYBRIDE**  
[72] LINDHOUT, WILLEM HENDRIK, NL  
[72] SCHOTTE, TEUNIS PHILIPPUS, NL  
[72] VISSER, RICHARD GERARDUS FRANCISCUS, NL  
[72] VAN ECK, HERMAN JOHANNES, NL  
[72] HUTTEN, RONALDUS CORNELIS BERNARDUS, NL  
[71] AGVENTURE B.V., NL  
[85] 2013-10-21  
[86] 2012-04-20 (PCT/NL2012/050269)  
[87] (WO2012/144902)  
[30] EP (11163560.3) 2011-04-21

[21] **2,834,098**  
[13] A1

- [51] **Int.Cl. E06B 9/08 (2006.01)**  
[25] EN  
[54] **CORDLESS COVERINGS FOR ARCHITECTURAL OPENING HAVING CORD ENCLOSURES WITH A SWIVEL FEATURE AND METHODS OF ASSEMBLING SUCH CORD ENCLOSURES**  
[54] **COUVERTURES SANS CORDON POUR OUVERTURE ARCHITECTURALE COMPORTANT DES ENCEINTES A CORDONS A ACCESSOIRE OSCILLANT ET PROCEDES D'ASSEMBLAGE DESDITES ENCEINTES A CORDONS**  
[72] VESTAL, WILLIAM D., US  
[72] PHARR, ROBERT S., US  
[71] SAFE-T-SHADE, US  
[85] 2013-10-23  
[86] 2012-04-25 (PCT/US2012/034984)  
[87] (WO2012/149012)  
[30] US (13/094,727) 2011-04-26

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[13] A1

- [51] **Int.Cl. E06B 9/30 (2006.01)**  
[25] EN  
[54] **CORDLESS BLIND SYSTEMS HAVING CORD ENCLOSURES WITH A SWIVEL FEATURE AND METHODS OF ASSEMBLING SUCH CORD ENCLOSURES**  
[54] **SYSTEMES STORE SANS CORDON POSSEDANT DES ENCEINTES A CORDONS A ACCESSOIRE OSCILLANT ET PROCEDES D'ASSEMBLAGE DE TELLES ENCEINTES A CORDONS**  
[72] VESTAL, WILLIAM D., US  
[72] PHARR, ROBERT S., US  
[71] SAFE-T-SHADE, US  
[85] 2013-10-23  
[86] 2012-04-25 (PCT/US2012/034990)  
[87] (WO2012/149015)  
[30] US (13/094,705) 2011-04-26

[21] **2,834,101**  
[13] A1

- [51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4178 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) C07D 403/14 (2006.01)**  
[25] EN  
[54] **NOVEL INDOLE OR INDAZOLE DERIVATIVE OR SALT THEREOF**  
[54] **NOUVEAU DERIVE DE L'INDOLE OU DE L'INDAZOLE OU SEL DE CELUI-CI**  
[72] KITADE, MAKOTO, JP  
[72] OHKUBO, SHUICHI, JP  
[72] YOSHIMURA, CHIHOKO, JP  
[71] TAIHO PHARMACEUTICAL CO., LTD., JP  
[85] 2013-07-05  
[86] 2012-01-06 (PCT/JP2012/050140)  
[87] (WO2012/093707)  
[30] JP (2011-002147) 2011-01-07

[21] **2,834,102**  
[13] A1

- [51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/0402 (2006.01) A61B 5/11 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ESTIMATING MYOCARDIAL CONTRACTILITY USING PRECORDIAL VIBRATION SIGNALS**  
[54] **PROCEDE ET APPAREIL D'ESTIMATION DE LA CONTRACTILITE DU MYOCARDE AU MOYEN DE SIGNAUX DE VIBRATION PRECORDIAUX**  
[72] HOULTON, GEOFFREY, CA  
[72] JAHNS, GRAEME, CA  
[72] PORTACIO, GONZALO, CA  
[72] TAVAKOLIAN, KOUHYAR, CA  
[71] HEART FORCE MEDICAL INC., CA  
[85] 2013-10-23  
[86] 2012-05-02 (PCT/CA2012/050282)  
[87] (WO2012/149652)  
[30] US (61/481,915) 2011-05-03  
[30] US (61/508,181) 2011-07-15  
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[51] **Int.Cl. E05B 1/00 (2006.01)**  
[25] EN  
[54] **LATCH MECHANISM FOR FRONT OPENING LID**  
[54] **MECANISME DE VERROU POUR COUVERCLE A OUVERTURE AVANT**  
[72] CRULL, JEFFREY L., US  
[71] SNAP-ON INCORPORATED, US  
[85] 2013-10-22  
[86] 2012-06-06 (PCT/US2012/041017)  
[87] (WO2012/173840)  
[30] US (13/163,161) 2011-06-17

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[21] **2,834,104**  
[13] A1

[51] **Int.Cl. H04W 56/00 (2009.01)**  
[25] EN  
[54] **METHOD FOR MAINTAINING TIME ADVANCE TIMER, BASE STATION AND TERMINAL EQUIPMENT**  
[54] **PROCEDE, STATION DE BASE ET DISPOSITIF TERMINAL SOUTENANT UN TEMPORISATEUR D'ALIGNEMENT TEMPOREL**  
[72] LU, YANLING, CN  
[72] XU, HAIBO, CN  
[72] WANG, WEIWEI, CN  
[71] FUJITSU LIMITED, JP  
[85] 2013-10-23  
[86] 2011-04-21 (PCT/CN2011/073105)  
[87] (WO2012/142759)

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[21] **2,834,106**  
[13] A1

[51] **Int.Cl. H01R 13/66 (2006.01) H01R 43/18 (2006.01) H02H 9/04 (2006.01)**  
[25] EN  
[54] **PLUG CONNECTOR AND ITS USE FOR PROTECTING AN ELECTRICAL SYSTEM AGAINST OVERVOLTAGE DISCHARGE AS WELL AS A METHOD FOR ITS MANUFACTURE**  
[54] **CONNECTEUR ET SON UTILISATION POUR PROTEGER UN SYSTEME ELECTRIQUE D'UNE DECHARGE DE SURTENSION ET SON PROCEDE DE FABRICATION**  
[72] STIMPFL, KURT, DE  
[71] STIMPFL, KURT, DE  
[85] 2013-10-23  
[86] 2012-05-22 (PCT/DE2012/100153)  
[87] (WO2012/159626)  
[30] DE (10 2011 050 567.9) 2011-05-23

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[13] A1

[51] **Int.Cl. G06Q 10/02 (2012.01) G06Q 50/14 (2012.01) G06F 17/30 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR A PRE-SHOPPING RESERVATION SYSTEM WITH INCREASED SEARCH EFFICIENCY**  
[54] **PROCEDE ET SYSTEME DESTINES A UN SYSTEME DE RESERVATION AVANT L'ACHAT DONT L'EFFICACITE DE RECHERCHE EST ACCRUE**  
[72] CIABRINI, DAMIEN, FR  
[72] REYNAUD, CLAUDINE, FR  
[72] ISNARDY, LUC, FR  
[72] LEGRAND, GUILLAUME, FR  
[72] GOLE', REMY, FR  
[71] AMADEUS S.A.S., FR  
[85] 2013-10-23  
[86] 2012-04-27 (PCT/EP2012/057749)  
[87] (WO2013/000600)  
[30] EP (11305813.5) 2011-06-27

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/22 (2011.01) C12Q 1/44 (2006.01) G01N 33/15 (2006.01) G01N 33/50 (2006.01)**  
[25] EN  
[54] **SCREENING ASSAYS BASED ON MAG AND/OR ABHD6 FOR SELECTING INSULIN SECRETION PROMOTING AGENTS**  
[54] **DOSAGES PAR CRIBLAGE BASES SUR MAG ET/OU ABHD6 POUR SELECTIONNER DES AGENTS FAVORISANT LA SECRETION D'INSULINE**  
[72] MADIRAJU, MURTHY, CA  
[72] PRENTKI, MARC, CA  
[72] JOLY, ERIK, CA  
[71] VAL-CHUM, LIMITED PARTNERSHIP, CA  
[85] 2013-10-23  
[86] 2011-05-12 (PCT/CA2011/050295)  
[87] (WO2011/140659)  
[30] US (61/333,772) 2010-05-12

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[13] A1

[51] **Int.Cl. C25D 3/06 (2006.01) C25D 3/08 (2006.01) C25D 3/10 (2006.01)**  
[25] EN  
[54] **ELECTROPLATING BATH AND METHOD FOR PRODUCING DARK CHROMIUM LAYERS**  
[54] **BAIN ET PROCEDE D'ELECTROPLACAGE POUR LA PRODUCTION DE COUCHES DE CHROME NOIR**  
[72] SCHULZ, KLAUS-DIETER, DE  
[72] WACHTER, PHILIPP, DE  
[72] HARTMANN, PHILIP, DE  
[71] ATOTECH DEUTSCHLAND GMBH, DE  
[85] 2013-10-23  
[86] 2012-04-27 (PCT/EP2012/057830)  
[87] (WO2012/150198)  
[30] EP (11164641.0) 2011-05-03

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[13] A1

[51] **Int.Cl. C07C 227/18 (2006.01) C07C 229/16 (2006.01)**  
[25] EN  
[54] **METHOD FOR PRODUCING AMINOPOLYCARBOXYLATES**  
[54] **PROCEDE DE PRODUCTION D'AMINOPOLYCARBOXYLATES**  
[72] BAUMANN, ROBERT, DE  
[72] BIEL, MARKUS CHRISTIAN, DE  
[72] FRANZKE, AXEL, DE  
[72] OFTRING, ALFRED, DE  
[72] TEICH, FRIEDHELM, DE  
[72] KLINGELHOEFER, PAUL, DE  
[71] SCHROTER, MARIE KATRIN, DE  
[71] BASF SE, DE  
[85] 2013-10-23  
[86] 2012-05-16 (PCT/EP2012/059126)  
[87] (WO2012/159952)  
[30] EP (11167136.8) 2011-05-23

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[13] A1

[51] **Int.Cl. A61F 9/007 (2006.01) A61N 5/06 (2006.01) A61F 9/008 (2006.01) A61F 9/009 (2006.01)**  
[25] EN  
[54] **APPARATUS FOR THE TREATMENT AND/OR PREVENTION OF CORNEAL DISEASES**  
[54] **APPAREIL POUR LE TRAITEMENT ET / OU LA PREVENTION DES MALADIES CORNEENNES**  
[72] HAFEZI, FARHAD, CH  
[72] RICHOSZ, OLIVIER, CH  
[71] HOPITAUX UNIVERSITAIRES DE GENEVE, CH  
[71] UNIVERSITE DE GENEVE, CH  
[85] 2013-10-23  
[86] 2012-04-23 (PCT/CH2012/000090)  
[87] (WO2012/145853)  
[30] US (61/480,443) 2011-04-29

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[13] A1

[51] **Int.Cl. G06K 19/07 (2006.01) H04B 5/00 (2006.01) H04B 5/02 (2006.01) H04L 25/49 (2006.01) H04L 27/04 (2006.01) H04L 27/20 (2006.01)**  
[25] FR  
[54] **METHOD AND DEVICE FOR MODULATING THE AMPLITUDE OF AN ELECTROMAGNETIC SIGNAL TRANSMITTED BY A WIRELESS TRANSCEIVER**  
[54] **PROCEDE ET DISPOSITIF DE MODULATION EN AMPLITUDE D'UN SIGNAL ELECTROMAGNETIQUE EMIS PAR UN SYSTEME D'EMISSION/RECEPTION SANS CONTACT**  
[72] PARRAULT, OLIVIER, FR  
[71] ASK S.A., FR  
[85] 2013-10-23  
[86] 2012-05-02 (PCT/FR2012/000171)  
[87] (WO2012/150388)  
[30] FR (11/01354) 2011-05-02

[21] **2,834,113**  
[13] A1

[51] **Int.Cl. C12N 15/10 (2006.01) C12Q 1/68 (2006.01)**  
[25] EN  
[54] **METHODS OF NUCLEIC ACID LIQUID-PHASE EXTRACTION AND DETECTION**  
[54] **PROCEDES D'EXTRACTION EN PHASE LIQUIDE ET DE DETECTION D'ACIDES NUCLEIQUES**  
[72] ZHONG, HAOHAO, CN  
[71] PEKING UNIVERSITY, CN  
[85] 2013-10-23  
[86] 2011-04-27 (PCT/CN2011/000746)  
[87] (WO2012/145861)

[21] **2,834,117**  
[13] A1

[51] **Int.Cl. C08G 61/12 (2006.01) B82Y 10/00 (2011.01) B82Y 30/00 (2011.01) C08F 290/06 (2006.01) C08G 81/02 (2006.01) C08L 87/00 (2006.01) H01L 51/00 (2006.01)**  
[25] FR  
[54] **COMPOSITION FOR AN ACTIVE LAYER OR ELECTRODE OF PHOTOVOLTAIC CELLS**  
[54] **COMPOSITION POUR COUCHE ACTIVE OU ELECTRODE DE CELLULES PHOTOVOLTAIQUES**  
[72] MOUGNIER, SEBASTIEN-JUN, FR  
[72] BROCHON, CYRIL, FR  
[72] HADZIIOANNOU, GEORGES, FR  
[72] CLOUTET, ERIC, FR  
[72] NAVARRO, CHRISTOPHE, FR  
[71] UNIVERSITE DE BORDEAUX 1, FR  
[71] ARKEMA FRANCE, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR  
[85] 2013-10-23  
[86] 2012-04-26 (PCT/FR2012/050922)  
[87] (WO2012/150404)  
[30] FR (1153720) 2011-05-02

[21] **2,834,118**  
[13] A1

[51] **Int.Cl. A61F 9/008 (2006.01)**  
[25] EN  
[54] **SYSTEM AND PROCESS FOR SURGICAL TREATMENT OF AN EYE AS WELL AS PROCESS FOR CALIBRATING A SYSTEM OF SUCH A TYPE**  
[54] **SYSTEME ET PROCEDE POUR LE TRAITEMENT CHIRURGICAL D'UN OIL AINSI QUE PROCEDE POUR L'ETALONNAGE D'UN TEL SYSTEME**  
[72] WELLHOEFER, ARMIN, DE  
[72] DONITZKY, CHRISTOF, DE  
[71] WAVELIGHT GMBH, DE  
[85] 2013-10-23  
[86] 2011-05-16 (PCT/EP2011/002415)  
[87] (WO2012/155930)

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[13] A1

[51] **Int.Cl. B30B 11/00 (2006.01) B30B 11/20 (2006.01)**  
[25] EN  
[54] **METHOD OF CONTROLLING A PELLET MILL**  
[54] **PROCEDE DE COMMANDE D'UN GRANULATEUR**  
[72] BLOK, JESPER, DK  
[72] HORDUM, TOMAS KIRE, DK  
[72] LASSEN, STEEN G., DK  
[71] ANDRITZ AG, AT  
[85] 2013-10-23  
[86] 2012-04-27 (PCT/EP2012/057726)  
[87] (WO2012/146699)  
[30] EP (11164249.2) 2011-04-29  
[30] EP (11164246.8) 2011-04-29  
[30] EP (11164251.8) 2011-04-29

[21] **2,834,120**  
[13] A1

[51] **Int.Cl. B30B 11/20 (2006.01) B30B 11/00 (2006.01)**  
[25] EN  
[54] **A PELLET MILL WITH AN FEED SYSTEM AND A METHOD OF FORMING PELLETED MATERIAL**  
[54] **GRANULATEUR EQUIPE D'UN SYSTEME D'ALIMENTATION ET PROCEDE DE FORMATION DE GRANULES**  
[72] BLOK, JESPER, DK  
[72] HORDUM, TOMAS KIRE, DK  
[72] LASSEN, STEEN G., DK  
[71] ANDRITZ AG, AT  
[85] 2013-10-23  
[86] 2012-04-27 (PCT/EP2012/057727)  
[87] (WO2012/146700)  
[30] EP (11164251.8) 2011-04-29  
[30] EP (11164249.2) 2011-04-29  
[30] EP (11164246.8) 2011-04-29

[21] **2,834,122**  
[13] A1

[51] **Int.Cl. B65G 17/06 (2006.01) B65G 17/08 (2006.01) B65G 17/44 (2006.01)**  
[25] EN  
[54] **CONVEYORS AND TRANSMISSION BELTS**  
[54] **TRANSPORTEURS ET COURROIES DE TRANSMISSION**  
[72] GOUGH, GEORGE TERAH, GB  
[71] GOUGH, GEORGE TERAH, GB  
[85] 2013-10-23  
[86] 2011-05-04 (PCT/GB2011/050872)  
[87] (WO2011/138607)  
[30] GB (1007399.7) 2010-05-04

[21] **2,834,123**  
[13] A1

[25] EN  
[54] **IMAGE CODING METHOD, IMAGE CODING APPARATUS, IMAGE DECODING METHOD, IMAGE DECODING APPARATUS, AND IMAGE CODING AND DECODING APPARATUS**  
[54] **PROCEDE DE CODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**  
[72] SUGIO, TOSHIYASU, JP  
[72] NISHI, TAKAHIRO, JP  
[72] SHIBAHARA, YOUJI, JP  
[72] TANIKAWA, KYOKO, JP  
[72] SASAI, HISAO, JP  
[72] MATSUNOBU, TORU, JP  
[71] PANASONIC CORPORATION, JP  
[85] 2013-10-23  
[86] 2012-05-24 (PCT/JP2012/003386)  
[87] (WO2012/164880)  
[30] US (61/490,777) 2011-05-27

[21] **2,834,125**  
[13] A1

[25] EN  
[54] **VIDEO ENCODING METHOD, VIDEO ENCODING DEVICE, VIDEO DECODING METHOD, VIDEO DECODING DEVICE, AND VIDEO ENCODING/DECODING DEVICE**  
[54] **PROCEDE DE CODAGE DE VIDEO, DISPOSITIF DE CODAGE DE VIDEO, PROCEDE DE DECODAGE DE VIDEO, DISPOSITIF DE DECODAGE DE VIDEO, ET DISPOSITIF DE CODAGE/DECODAGE DE VIDEO**  
[72] SUGIO, TOSHIYASU, JP  
[72] NISHI, TAKAHIRO, JP  
[72] SHIBAHARA, YOUJI, JP  
[72] TANIKAWA, KYOKO, JP  
[72] SASAI, HISAO, JP  
[72] MATSUNOBU, TORU, JP  
[71] PANASONIC CORPORATION, JP  
[85] 2013-10-23  
[86] 2012-05-25 (PCT/JP2012/003416)  
[87] (WO2012/164886)  
[30] US (61/490,747) 2011-05-27

[21] **2,834,128**  
[13] A1

[51] **Int.Cl. A61K 47/48 (2006.01) A61P 21/00 (2006.01) A61P 31/16 (2006.01)**  
[25] EN  
[54] **PEPTIDE OLIGONUCLEOTIDE CONJUGATES**  
[54] **CONJUGUES PEPTIDES/OLIGONUCLEOTIDES**  
[72] HANSON, GUNNAR J., US  
[71] SAREPTA THERAPEUTICS, INC., US  
[85] 2013-10-23  
[86] 2011-11-17 (PCT/US2011/061282)  
[87] (WO2012/150960)  
[30] US (13/101,942) 2011-05-05  
[30] US (13/107,528) 2011-05-13

[21] **2,834,129**  
[13] A1

[51] **Int.Cl. C01F 7/00 (2006.01) C01F 7/56 (2006.01) C01G 25/00 (2006.01)**  
[25] EN  
[54] **COMPOSITIONS CONTAINING POLYHYDROXYOXOALUMINUM CATIONS AND MANUFACTURE THEREOF**  
[54] **COMPOSITIONS CONTENANT DES CATIONS POLYHYDROXYOXOALUMINIUM ET LEUR FABRICATION**  
[72] VAUGHN, JOHN, US  
[72] PAPPAS, IRAKLIS, US  
[72] PAN, LONG, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2013-10-23  
[86] 2011-12-20 (PCT/US2011/066018)  
[87] (WO2012/148481)  
[30] US (61/479,081) 2011-04-26

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[13] A1

[51] **Int.Cl. C21C 5/44 (2006.01)**  
[25] EN  
[54] **IMPACT PAD**  
[54] **PLAQUE D'IMPACT**  
[72] REINHART, JEFFREY R., US  
[71] VESUVIUS CRUCIBLE COMPANY, US  
[85] 2013-10-23  
[86] 2012-04-12 (PCT/US2012/033265)  
[87] (WO2012/173690)  
[30] US (61/496,974) 2011-06-14

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[13] A1

[51] **Int.Cl. H01L 31/0725 (2012.01)**  
[25] EN  
[54] **AREAL CURRENT MATCHING OF TANDEM SOLAR CELLS**  
[54] **ADAPTATION DE COURANT DE SURFACE DE CELLULES SOLAIRES TANDEMS**  
[72] KLEIMAN, RAFAEL NATHAN, CA  
[72] YANG, JINGFENG, CA  
[71] MCMASTER UNIVERSITY, CA  
[85] 2013-10-23  
[86] 2012-04-30 (PCT/CA2012/050275)  
[87] (WO2012/149650)  
[30] US (61/481,472) 2011-05-02

[21] **2,834,132**  
[13] A1

[51] **Int.Cl. C01F 7/00 (2006.01) A61K 8/26 (2006.01) A61Q 15/00 (2006.01) C01F 7/56 (2006.01) C01G 25/00 (2006.01)**  
[25] EN  
[54] **ANTIPERSPIRANT ACTIVE COMPOSITIONS AND MANUFACTURE THEREOF**  
[54] **COMPOSITIONS ANTIPERSPIRANTES ACTIVES ET LEUR FABRICATION**  
[72] VAUGHN, JOHN, US  
[72] PAPPAS, IRAKLIS, US  
[72] PAN, LONG, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2013-10-23  
[86] 2011-12-20 (PCT/US2011/066012)  
[87] (WO2012/148480)  
[30] US (61/479,069) 2011-04-26

[21] **2,834,135**  
[13] A1

[51] **Int.Cl. H04N 7/15 (2006.01) G09G 5/00 (2006.01) G09G 5/14 (2006.01) G09G 5/377 (2006.01) G09G 5/38 (2006.01) G09G 5/391 (2006.01)**  
[25] EN  
[54] **TRANSMISSION TERMINAL, IMAGE DISPLAY CONTROL METHOD, IMAGE DISPLAY CONTROL PROGRAM, RECORDING MEDIUM, AND TRANSMISSION SYSTEM**  
[54] **TERMINAL DE TRANSMISSION, PROCEDE DE COMMANDE D'AFFICHAGE D'IMAGE, PROGRAMME DE COMMANDE D'AFFICHAGE D'IMAGE, SUPPORT D'ENREGISTREMENT ET SYSTEME DE TRANSMISSION**  
[72] KATO, YOSHINAGA, JP  
[71] RICOH COMPANY, LTD., JP  
[85] 2013-10-23  
[86] 2012-04-06 (PCT/JP2012/060086)  
[87] (WO2012/147535)  
[30] JP (2011-100696) 2011-04-28  
[30] JP (2011-238948) 2011-10-31

[21] **2,834,136**  
[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) A61K 38/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/02 (2006.01) C12P 21/02 (2006.01) C12P 21/08 (2006.01)**  
[25] EN  
[54] **ANTI-B7-H3 ANTIBODY**  
[54] **ANTICORPS ANTI-B7-H3**  
[72] TAKAHASHI, SHU, JP  
[72] MATSUOKA, TATSUJI, JP  
[72] MURAKAMI, KENJI, JP  
[72] TAKIZAWA, TAKESHI, JP  
[72] HIROTANI, KENJI, JP  
[72] URANO, ATSUSHI, JP  
[72] FUKUCHI, KEISUKE, JP  
[72] YAZAWA, MITSUHIRO, JP  
[71] DAIICHI SANKYO COMPANY, LIMITED, JP  
[85] 2013-10-23  
[86] 2012-04-24 (PCT/JP2012/060904)  
[87] (WO2012/147713)  
[30] JP (2011-097645) 2011-04-25  
[30] US (61/478,878) 2011-04-25

[21] **2,834,137**  
[13] A1

[51] **Int.Cl. H01M 10/0567 (2010.01) H01M 10/0525 (2010.01) H01M 10/0569 (2010.01) C07D 327/04 (2006.01) C07D 327/06 (2006.01)**  
[25] EN  
[54] **NON-AQUEOUS ELECTROLYTIC SOLUTION, ELECTRICAL STORAGE DEVICE UTILIZING SAME, AND CYCLIC SULFONIC ACID ESTER COMPOUND**  
[54] **SOLUTION ELECTROLYTIQUE NON AQUEUSE, DISPOSITIF D'ACCUMULATION D'ELECTRICITE L'UTILISANT ET COMPOSE ESTER D'ACIDE SULFONIQUE CYCLIQUE**  
[72] ABE, KOJI, JP  
[72] SHIKITA, SHOJI, JP  
[71] UBE INDUSTRIES, LTD., JP  
[85] 2013-10-23  
[86] 2012-04-25 (PCT/JP2012/061142)  
[87] (WO2012/147818)  
[30] JP (2011-098290) 2011-04-26  
[30] JP (2011-159035) 2011-07-20  
[30] JP (2011-227338) 2011-10-14

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[13] A1

[51] **Int.Cl. C01G 23/00 (2006.01) H01M 4/485 (2010.01)**  
[25] EN  
[54] **PROCESS FOR MANUFACTURING LITHIUM TITANIUM OXIDES**  
[54] **PROCEDE DE FABRICATION D'OXYDES DE TITANE LITHIES**  
[72] TAKESHIMA, KAZUYOSHI, JP  
[72] TAKEUCHI, TSUNEHISA, JP  
[72] HONMA, MASATOSHI, JP  
[72] OKUDA, YUSUKE, JP  
[71] ISHIHARA SANGYO KAISHA, LTD., JP  
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[54] **BOUTEILLE**  
[72] NAKAYAMA, TADAYORI, JP  
[71] YOSHINO KOGYOSHO CO., LTD., JP  
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[30] JP (2011-285153) 2011-12-27

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[51] **Int.Cl. H04M 15/00 (2006.01) H04M 3/56 (2006.01)**  
[25] EN  
[54] **CHARGE MANAGEMENT SYSTEM, CHARGE MANAGEMENT METHOD, PROGRAM, PROGRAM PROVIDING SYSTEM, AND MAINTENANCE SYSTEM**  
[54] **SYSTEME DE GESTION DES FRAIS, PROCEDE DE GESTION DES FRAIS, PROGRAMME, SYSTEME DE FOURNITURE DE PROGRAMME ET SYSTEME DE MAINTENANCE**  
[72] MIIDA, TETSUYA, JP  
[72] KANAI, YOICHI, JP  
[72] HAMADA, YUUTA, JP  
[72] UMEHARA, NAOKI, JP  
[71] RICOH COMPANY, LIMITED, JP  
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[86] 2012-04-26 (PCT/JP2012/061695)  
[87] (WO2012/147994)  
[30] JP (2011-101876) 2011-04-28  
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[51] **Int.Cl. H04L 12/28 (2006.01) H04L 29/06 (2006.01)**  
[25] EN  
[54] **DEVICE ARRANGEMENT FOR IMPLEMENTING REMOTE CONTROL OF PROPERTIES**  
[54] **CONFIGURATION DE DISPOSITIF PERMETTANT DE METTRE EN ŒUVRE UNE COMMANDE A DISTANCE DE PROPRIETES**  
[72] YLIMARTIMO, VEIKKO, FI  
[71] TOSIBOX OY, FI  
[85] 2013-10-23  
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[87] (WO2012/160257)  
[30] FI (20115512) 2011-05-24

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[54] **SPECTRAL MODIFICATION**  
[54] **MODIFICATION SPECTRALE**  
[72] FORTMANN, CHARLES M., US  
[72] LAUFER, ERIC DAVID, US  
[71] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US  
[85] 2013-10-23  
[86] 2012-04-25 (PCT/US2012/035008)  
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[25] EN  
[54] **PROCESSES FOR RECOVERING RARE EARTH ELEMENTS FROM VARIOUS ORES**  
[54] **PROCEDES D'EXTRACTION D'ELEMENTS DE TERRES RARES DANS DIVERS MINERAIS**  
[72] BOUDREAU, RICHARD, CA  
[72] PRIMEAU, DENIS, CA  
[72] FOURNIER, JOEL, CA  
[72] SIMONEAU, RAYMOND, CA  
[72] GARCIA, MARIA CRISTINA, CA  
[72] KRIVANEC, HEINZ, AT  
[72] DITTRICH, CARSTEN, DE  
[71] ORBITE ALUMINAE INC., CA  
[85] 2013-10-31  
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[25] EN  
[54] **METAL MELTING FURNACE VORTEX CHAMBER BODY AND METAL MELTING FURNACE USING THE SAME**  
[54] **CORPS DE CHAMBRE A TOURBILLON POUR FOUR DE FUSION DES METAUX, ET FOUR DE FUSION DES METAUX UTILISANT LEDIT CORPS DE CHAMBRE A TOURBILLON**  
[72] TAKAHASHI, KENZO, JP  
[71] TAKAHASHI, KENZO, JP  
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[25] EN  
[54] **AN IMPACT MECHANISM, ROCK DRILL AND DRILL RIG COMPRISING SUCH IMPACT MECHANISM**  
[54] **MECANISME A CHOCS, MARTEAU PERFORATEUR ET FOREUSE COMPORTANT UN TEL MECANISME A CHOCS**  
[72] NILSSON, ULF, SE  
[71] ATLAS COPCO ROCK DRILLS AB, SE  
[85] 2013-10-23  
[86] 2012-04-24 (PCT/SE2012/050428)  
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[30] SE (1150365-3) 2011-04-27

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[13] A1

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[25] EN  
[54] **METHODS AND SYSTEMS FOR OFFER AND DYNAMIC GIFT VERIFICATION AND REDEMPTION**  
[54] **PROCEDES ET SYSTEMES DE VERIFICATION ET DE REMBOURSEMENT D'OFFRES ET DE CADEAUX DYNAMIQUES**  
[72] GILMAN, ANDREA CHRISTINE, US  
[72] KRETSCHMANN, DIANE SHAIB, US  
[72] CELORIO MARTINEZ, JOSE-LUIS, US  
[72] MOSER, SCOTT, US  
[71] MASTERCARD INTERNATIONAL INCORPORATED, US  
[85] 2013-10-23  
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[87] (WO2012/149062)  
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[13] A1

[51] **Int.Cl. H04N 21/262 (2011.01)**  
[25] EN  
[54] **APPARATUS, SYSTEMS AND METHODS FOR TRANSMITTING MEDIA CONTENT EVENTS**  
[54] **APPAREIL, SYSTEMES ET PROCEDES POUR ENVOYER DES EVENEMENTS DE CONTENU MULTIMEDIA**  
[72] BLY, ALLAN RICHARD, JR., US  
[71] ECHOSTAR TECHNOLOGIES L.L.C., US  
[85] 2013-10-23  
[86] 2012-04-16 (PCT/US2012/033806)  
[87] (WO2012/148722)  
[30] US (13/095,759) 2011-04-27

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[13] A1

[51] **Int.Cl. B21B 37/62 (2006.01) B21B 37/64 (2006.01) H01M 4/04 (2006.01)**  
[25] EN  
[54] **ROLL ARRANGEMENT HAVING A DEVICE FOR REGULATING THE ROLL NIP, AND METHOD FOR REGULATING THE ROLL NIP IN A ROLL ARRANGEMENT**  
[54] **SYSTEME DE CYLINDRES DOTE D'UN DISPOSITIF DE REGLAGE DE LA FENTE DE LAMINAGE AINSI QUE PROCEDE DE REGLAGE DE LA FENTE DE LAMINAGE CHEZ UN SYSTEME DE CYLINDRES**  
[72] HACKFORT, THOMAS, DE  
[72] WOLTERS, KAY, DE  
[72] WITTEBROCK, HEINZ, DE  
[72] GOTTSZKY, JORG, DE  
[71] SAUERESSIG GMBH + CO. KG, DE  
[85] 2013-10-24  
[86] 2012-04-04 (PCT/DE2012/000362)  
[87] (WO2012/146226)  
[30] DE (10 2011 018 874.6) 2011-04-28

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[25] EN  
[54] **FUSED HETEROCYCLIC COMPOUNDS AS SODIUM CHANNEL MODULATORS**  
[54] **COMPOSES HETEROCYCLIQUES CONDENSES UTILISES COMME MODULATEURS DES CANAUX SODIQUES**  
[72] CORKEY, BRITTON KENNETH, US  
[72] ELZEIN, ELFATHI, US  
[72] JIANG, ROBERT H., US  
[72] KALLA, RAO V., US  
[72] KOBAYASHI, TETSUYA, US  
[72] KOLTUN, DMITRY, US  
[72] LI, XIAOFEN, US  
[72] MARTINEZ, RUBEN, US  
[72] NOTTE, GREGORY, US  
[72] PARKHILL, ERIC Q., US  
[72] PERRY, THAO, US  
[72] ZABLOCKI, JEFF, US  
[72] VENKATARAMANI, CHANDRASEKAR, US  
[72] GRAUPE, MICHAEL, US  
[72] GUERRERO, JUAN, US  
[71] GILEAD SCIENCES, INC., US  
[85] 2013-10-23  
[86] 2012-05-08 (PCT/US2012/036976)  
[87] (WO2012/154760)  
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[54] **BICYCLIC PYRIDAZINE COMPOUNDS AS PIM INHIBITORS**

[54] **COMPOSES PYRIDAZINES BICYCLIQUES EN TANT QU'INHIBITEURS DE PIM**

[72] D'AMICO, DERIN C., US  
[72] HERBERICH, BRADLEY J., US  
[72] JACKSON, CLAIRE L.M., US  
[72] PETTUS, LIPING H., US  
[72] TASKER, ANDREW, US  
[72] WANG, HUI-LING, US  
[72] WU, BIN, US  
[72] WURZ, RYAN, US  
[71] AMGEN INC., US  
[85] 2013-10-23  
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[87] (WO2012/148775)  
[30] US (61/480,703) 2011-04-29

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[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/24 (2006.01) H04L 12/26 (2006.01)**

[25] EN

[54] **CORRELATION OF MEDIA PLANE AND SIGNALING PLANE OF MEDIA SERVICES IN A PACKET-SWITCHED NETWORK**

[54] **CORRELATION DE PLAN MEDIA ET DE PLAN DE SIGNALISATION DE SERVICES MULTIMEDIAS DANS UN RESEAU A COMMUTATION DE PAQUETS**

[72] SCHOLZ, HENDRIK, DE  
[72] WALLBAUM, MICHAEL, DE  
[72] KRUEGER, MICHAEL, DE  
[72] BASTIAN, JAN, DE  
[71] VOIPFUTURE GMBH, DE  
[85] 2013-10-24  
[86] 2011-04-28 (PCT/EP2011/002145)  
[87] (WO2012/146265)

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[13] A1

[51] **Int.Cl. C09J 123/28 (2006.01) C08K 5/541 (2006.01) C08K 5/5435 (2006.01)**

[25] EN

[54] **ADHESIVES SUITABLE FOR USE IN BONDING APPLICATIONS**

[54] **ADHESIFS APPROPRIES POUR ETRE UTILISES DANS DES APPLICATIONS DE COLLAGE**

[72] KNEAFSEY, BRENDAN, IE  
[72] WEFRINGHAUS, RAINER, DE  
[72] NOLAN, DARREN, IE  
[72] FAY, NIGEL, IE  
[72] FLEMING, EIMEAR, IE  
[72] WEIMAR, WOLFGANG, DE  
[71] HENKEL IRELAND LTD., DE  
[71] HENKEL AG & CO. KGAA, DE  
[85] 2013-10-24  
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[13] A1

[51] **Int.Cl. A61F 2/44 (2006.01) A61F 2/46 (2006.01)**

[25] EN

[54] **SPINAL IMPLANT, TOOL THEREFOR AND METHOD FOR DISTRACTING THE SPINAL IMPLANT**

[54] **IMPLANT VERTEBRAL, OUTIL POUR CET IMPLANT ET PROCEDE POUR LA DISTRACTION DE L'IMPLANT VERTEBRAL**

[72] METZ-STAVENHAGEN, PETER, DE  
[71] METZ-STAVENHAGEN, PETER, DE  
[85] 2013-10-24  
[86] 2012-04-13 (PCT/DE2012/000392)  
[87] (WO2012/146231)  
[30] DE (10 2011 018 692.1) 2011-04-26

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[13] A1

[51] **Int.Cl. A01J 5/013 (2006.01)**

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[54] **MILKING SYSTEM SHUT-OFF AND SENSORS**

[54] **ARRET DE SYSTEME DE TRAITE ET CAPTEURS**

[72] HOFMAN, HENK, NL  
[72] VAN DER SLUIS, PETER WILLEM, NL  
[72] GROENSMA, YPE, NL  
[71] TECHNOLOGIES HOLDINGS CORP., US  
[85] 2013-10-23  
[86] 2012-05-17 (PCT/US2012/038330)  
[87] (WO2012/162087)  
[30] US (13/115,587) 2011-05-25

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[13] A1

[51] **Int.Cl. E03D 9/00 (2006.01) A47K 13/30 (2006.01) A61L 9/14 (2006.01) B05B 3/02 (2006.01) B05B 9/08 (2006.01)**

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[54] **SPRAYING DEVICE**

[54] **DISPOSITIF DE PULVERISATION**

[72] CARPENTER, MATTHEW CHACE, US  
[72] FOCHT, KENNETH ALLEN, US  
[72] PASQUINI, FEDERICO, IT  
[72] PIETRASANTA, DAVIDE, IT  
[72] SORZE, ANDREA DIAS, IT  
[71] UNILEVER PLC, GB  
[85] 2013-10-24  
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[87] (WO2012/156170)  
[30] EP (1116606.1) 2011-05-13

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[13] A1

[51] **Int.Cl. E21B 44/02 (2006.01) E21B 47/04 (2012.01)**  
[25] EN  
[54] **AUTOMATED SYSTEMS AND METHODS FOR MAKE-UP AND BREAK-OUT OF TUBULARS**  
[54] **SYSTEMES ET PROCEDES AUTOMATISES POUR L'ASSEMBLAGE ET LE DESASSEMBLAGE DE TRAINS DE TIGES**  
[72] PATTERSON, JOHN B., US  
[72] NOWAK, ROMAN K., US  
[72] JARSKI, JUSTIN M., US  
[72] SULIMA, STANISLAW C., US  
[71] CANRIG DRILLING TECHNOLOGY LTD., US  
[85] 2013-10-23  
[86] 2012-04-26 (PCT/US2012/035172)  
[87] (WO2012/149133)  
[30] US (13/096,501) 2011-04-28

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[13] A1

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[25] EN  
[54] **COMPOSITION USEFUL FOR THE TREATMENT OF LIPID METABOLISM DISORDERS**  
[54] **COMPOSITION UTILE POUR LE TRAITEMENT DE TROUBLES DU METABOLISME DES LIPIDES**  
[72] KOVERECH, ALEARDO, IT  
[72] VIRMANI, ASHRAF, IT  
[71] SIGMA TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT  
[85] 2013-10-24  
[86] 2012-04-24 (PCT/EP2012/057428)  
[87] (WO2012/150146)  
[30] EP (11164526.3) 2011-05-03

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[13] A1

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[25] EN  
[54] **CURABLE COMPOSITIONS**  
[54] **COMPOSITIONS DURCISSABLES**  
[72] DETTLOFF, MARVIN L., US  
[71] DOW GLOBAL TECHNOLOGIES LLC, US  
[85] 2013-10-23  
[86] 2012-04-20 (PCT/US2012/034487)  
[87] (WO2012/148815)  
[30] US (61/479,193) 2011-04-26

[21] **2,834,176**  
[13] A1

[51] **Int.Cl. G06K 9/00 (2006.01)**  
[25] EN  
[54] **METHOD OF NORMALIZING A DIGITAL IMAGE OF AN IRIS OF AN EYE**  
[54] **PROCEDE DE NORMALISATION D'UNE IMAGE NUMERIQUE D'UN IRIS D'UN □IL**  
[72] BERGEN, JAMES RUSSELL, US  
[72] NARODITSKY, OLEG, US  
[71] INTERVET INTERNATIONAL B.V., NL  
[71] SRI INTERNATIONAL INC., US  
[85] 2013-10-24  
[86] 2012-04-27 (PCT/EP2012/057714)  
[87] (WO2012/146690)  
[30] US (13/096,728) 2011-04-28

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[13] A1

[51] **Int.Cl. C08L 77/00 (2006.01) B29C 67/00 (2006.01) C08G 69/02 (2006.01) C08G 69/04 (2006.01) C08J 3/12 (2006.01) C08J 11/04 (2006.01) C08K 3/24 (2006.01) C08K 3/32 (2006.01) C08K 3/38 (2006.01) C08K 5/55 (2006.01) C08L 77/02 (2006.01)**  
[25] FR  
[54] **METHOD FOR INCREASING THE REUSABILITY OF A POLYAMIDE USED IN SINTERING**  
[54] **PROCEDE POUR AUGMENTER LA RECYCLABILITE D'UN POLYAMIDE UTILISE EN FRITTAGE**  
[72] MATHIEU, CYRILLE, FR  
[72] LEMAITRE, ARNAUD, FR  
[71] ARKEMA FRANCE, FR  
[85] 2013-10-24  
[86] 2012-05-31 (PCT/FR2012/051216)  
[87] (WO2012/164226)  
[30] FR (1154744) 2011-05-31

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[13] A1

[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/18 (2006.01) A61N 1/36 (2006.01)**  
[25] EN  
[54] **HIGH-FREQUENCY ELECTRICAL NERVE BLOCK**  
[54] **BLOCAGE DE NERF ELECTRIQUE HAUTE-FREQUENCE**  
[72] FANG, ZI-PING, US  
[72] SNYDER, JON J., US  
[71] NEUROS MEDICAL, INC., US  
[85] 2013-10-23  
[86] 2012-05-18 (PCT/US2012/038508)  
[87] (WO2012/159002)  
[30] US (61/487,877) 2011-05-19

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[13] A1

[51] **Int.Cl. B30B 11/20 (2006.01) B30B 11/00 (2006.01)**  
[25] EN  
[54] **PELLET MILL**  
[54] **GRANULATEUR**  
[72] BLOK, JESPER, DK  
[72] HORDUM, TOMAS KIRE, DK  
[72] LASSEN, STEEN G., DK  
[71] ANDRITZ AG, AT  
[85] 2013-10-24  
[86] 2012-04-27 (PCT/EP2012/057723)  
[87] (WO2012/146696)  
[30] EP (11164249.2) 2011-04-29  
[30] EP (11164246.8) 2011-04-29  
[30] EP (11164251.8) 2011-04-29

[21] **2,834,182**  
[13] A1

[51] **Int.Cl. A61K 35/64 (2006.01) A61K 38/05 (2006.01) A61P 25/20 (2006.01)**  
[25] EN  
[54] **HONEY COMPOSITION WITH L-ALANYL-L-GLUTAMINE**  
[54] **COMPOSITION DE MIEL AVEC DE LA L-ALANYL-L-GLUTAMINE**  
[72] MCINNES, MIKE, GB  
[71] HIBERNATION HONEY LIMITED, GB  
[85] 2013-10-24  
[86] 2012-05-16 (PCT/GB2012/051090)  
[87] (WO2012/156731)  
[30] GB (1108343.3) 2011-05-18



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[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01)**  
[25] EN  
[54] **PROCESS FOR MODIFYING THE ARCHITECTURE AND IMPROVING THE YIELD OF CROP PLANTS**  
[54] **PROCEDE POUR MODIFIER L'ARCHITECTURE ET AMELIORER LE RENDEMENT DES CULTURES**  
[72] ROJO DE LA VIESCA, ENRIQUE, ES  
[72] SANMARTIN ARTINANO, MARIA MAITE, ES  
[72] SANCHEZ SERRANO, JOSE JUAN, ES  
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES  
[85] 2013-10-24  
[86] 2012-05-21 (PCT/GB2012/051146)  
[87] (WO2012/156760)  
[30] ES (P201130812) 2011-05-19

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[13] A1

[51] **Int.Cl. H02J 7/02 (2006.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR CREATING AN ELECTRIC VEHICLE CHARGING NETWORK**  
[54] **PROCEDE ET SYSTEME DE CREATION D'UN RESEAU DE CHARGEMENT DE VEHICULE ELECTRIQUE**  
[72] EPSTEIN, MICHAEL L., US  
[72] DYER, CHRISTOPHER K., US  
[72] CULVER, DUNCAN, US  
[71] LIGHTENING ENERGY, US  
[85] 2013-10-23  
[86] 2012-07-16 (PCT/US2012/046889)  
[87] (WO2013/025301)  
[30] US (61/524,501) 2011-08-17  
[30] US (61/559,927) 2011-11-15  
[30] US (13/327,231) 2011-12-15

[21] **2,834,188**  
[13] A1

[51] **Int.Cl. B01D 53/047 (2006.01)**  
[25] EN  
[54] **LOW ENERGY CYCLIC PSA PROCESS**  
[54] **PROCEDE D'AMP CYCLIQUE DE FAIBLE ENERGIE**  
[72] RIFFLART, SEBASTIEN, FR  
[72] ALMEIDA PEIXOTO RIBEIRO, ANA MAFALDA, PT  
[72] GODINHO DE FARIA DOS SANTOS, JOAO CARLOS, PT  
[72] EGIDIO RODRIGUES, ALIRIO, PT  
[71] TOTAL RAFFINAGE CHIMIE, FR  
[85] 2013-10-24  
[86] 2012-05-10 (PCT/EP2012/058598)  
[87] (WO2012/156259)  
[30] EP (11305596.6) 2011-05-18

[21] **2,834,189**  
[13] A1

[51] **Int.Cl. G01S 7/497 (2006.01) G01S 17/42 (2006.01) G01C 15/00 (2006.01)**  
[25] EN  
[54] **CALIBRATION METHOD FOR A DEVICE HAVING A SCAN FUNCTION**  
[54] **PROCEDE D'ETALONNAGE POUR APPAREIL A FONCTION DE BALAYAGE**  
[72] HINDERLING, JURG, CH  
[72] GORDON, BIANCA, DE  
[72] WALSER, BERND, CH  
[71] HEXAGON TECHNOLOGY CENTER GMBH, CH  
[85] 2013-10-24  
[86] 2012-05-10 (PCT/EP2012/058656)  
[87] (WO2012/156277)  
[30] EP (11165971.0) 2011-05-13

[21] **2,834,190**  
[13] A1

[25] EN  
[54] **IMAGE ENCODING METHOD, IMAGE ENCODING DEVICE, IMAGE DECODING METHOD, IMAGE DECODING DEVICE, AND IMAGE ENCODING/DECODING DEVICE**  
[54] **PROCEDE DE CODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**  
[72] SUGIO, TOSHIYASU, JP  
[72] NISHI, TAKAHIRO, JP  
[72] SHIBAHARA, YOUJI, JP  
[72] TANIKAWA, KYOKO, JP  
[72] SASAI, HISAO, JP  
[72] MATSUNOBU, TORU, JP  
[71] PANASONIC CORPORATION, JP  
[85] 2013-10-24  
[86] 2012-05-29 (PCT/JP2012/003493)  
[87] (WO2012/164906)  
[30] US (61/491,549) 2011-05-31

[21] **2,834,191**  
[13] A1

[25] EN  
[54] **VIDEO ENCODING METHOD, VIDEO ENCODING DEVICE, VIDEO DECODING METHOD, VIDEO DECODING DEVICE, AND VIDEO ENCODING/DECODING DEVICE**  
[54] **PROCEDE DE CODAGE DE VIDEO, DISPOSITIF DE CODAGE DE VIDEO, PROCEDE DE DECODAGE DE VIDEO, DISPOSITIF DE DECODAGE DE VIDEO, ET DISPOSITIF DE CODAGE/DECODAGE DE VIDEO**  
[72] SUGIO, TOSHIYASU, JP  
[72] NISHI, TAKAHIRO, JP  
[72] SHIBAHARA, YOUJI, JP  
[72] TANIKAWA, KYOKO, JP  
[72] SASAI, HISAO, JP  
[72] MATSUNOBU, TORU, JP  
[71] PANASONIC CORPORATION, JP  
[85] 2013-10-24  
[86] 2012-05-29 (PCT/JP2012/003496)  
[87] (WO2012/164908)  
[30] US (61/491,381) 2011-05-31

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[21] **2,834,192**  
[13] A1

[51] **Int.Cl. G01B 11/25 (2006.01) G01S 17/42 (2006.01) G06T 7/00 (2006.01)**  
[25] EN  
[54] **OPTICAL MEASUREMENT METHOD AND MEASUREMENT SYSTEM FOR DETERMINING 3D COORDINATES ON A MEASUREMENT OBJECT SURFACE**  
[54] **PROCEDE DE MESURE OPTIQUE ET SYSTEME DE MESURE PERMETTANT DE DETERMINER DES COORDONNEES 3D SUR LA SURFACE D'UN OBJET A MESURER**  
[72] SIERCKS, KNUT, CH  
[71] HEXAGON TECHNOLOGY CENTER GMBH, CH  
[85] 2013-10-24  
[86] 2012-05-16 (PCT/EP2012/059120)  
[87] (WO2012/156448)  
[30] EP (11166780.4) 2011-05-19

[21] **2,834,193**  
[13] A1

[25] EN  
[54] **METHOD FOR CODING VIDEO QUANTIZATION PARAMETER AND METHOD FOR DECODING VIDEO QUANTIZATION PARAMETER**  
[54] **PROCEDE POUR CODER UN PARAMETRE DE QUANTIFICATION VIDEO ET PROCEDE POUR DECODER UN PARAMETRE DE QUANTIFICATION VIDEO**  
[72] CHONO, KEIICHI, JP  
[72] AOKI, HIROFUMI, JP  
[72] SENDA, YUZO, JP  
[71] NEC CORPORATION, JP  
[85] 2013-10-24  
[86] 2012-06-27 (PCT/JP2012/004162)  
[87] (WO2013/001808)  
[30] JP (2011-142453) 2011-06-28

[21] **2,834,194**  
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/115 (2010.01) A61K 31/00 (2006.01) A61K 31/713 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **CANCER TREATMENT BY COMBINING DNA MOLECULES MIMICKING DOUBLE STRAND BREAKS WITH HYPERTHERMIA**  
[54] **TRAITEMENT DU CANCER PAR COMBINAISON DE MOLECULES D'ADN IMITANT DES CASSURES DOUBLE BRIN AVEC UNE HYPERTHERMIE**  
[72] DUTREIX, MARIE, FR  
[72] SUN, JIAN-SHENG, FR  
[72] DEVUN, FLAVIEN, FR  
[71] INSTITUT CURIE, FR  
[71] DNA THERAPEUTICS, FR  
[85] 2013-10-24  
[86] 2012-05-25 (PCT/EP2012/059799)  
[87] (WO2012/163814)  
[30] EP (11305650.1) 2011-05-27

[21] **2,834,195**  
[13] A1

[51] **Int.Cl. F26B 17/00 (2006.01)**  
[25] EN  
[54] **SOLVENT SCAVENGER FOR A DESOLVENTIZER TOASTER USING A VAPOR RECOVERY SYSTEM**  
[54] **EVACUATEUR DE SOLVANT AVEC SYSTEME D'EXTRACTION DE LA VAPEUR POUR DESOLVANTISEUR-TOASTEUR**  
[72] ANDERSON, GEORGE E., US  
[72] FLOAN, BENJAMIN W., US  
[71] CROWN IRON WORKS COMPANY, US  
[85] 2013-10-23  
[86] 2012-04-26 (PCT/US2012/035195)  
[87] (WO2012/149147)  
[30] US (61/479,096) 2011-04-26

[21] **2,834,196**  
[13] A1

[51] **Int.Cl. G01M 3/18 (2006.01)**  
[25] EN  
[54] **DEGRADATION MONITORING SYSTEM FOR HOSE ASSEMBLY**  
[54] **SYSTEME DE SURVEILLANCE DE DEGRADATION POUR ENSEMBLE TUYAU SOUPLE**  
[72] HASTREITER, JAMES JOSEPH, US  
[71] EATON CORPORATION, US  
[85] 2013-10-23  
[86] 2012-04-26 (PCT/US2012/035216)  
[87] (WO2012/149161)  
[30] US (61/480,924) 2011-04-29

[21] **2,834,197**  
[13] A1

[51] **Int.Cl. B61C 3/00 (2006.01) B61C 5/02 (2006.01)**  
[25] EN  
[54] **MULTIPLE COMPRESSOR SYSTEM AND METHOD FOR LOCOMOTIVES**  
[54] **SYSTEME ET PROCEDE A COMPRESSEURS MULTIPLES POUR LOCOMOTIVES**  
[72] GRAAB, DONALD DEITRICH, US  
[72] BACKUS, BRUCE EDWARD, US  
[71] NORFOLK SOUTHERN CORPORATION, US  
[85] 2013-10-23  
[86] 2012-04-26 (PCT/US2012/035243)  
[87] (WO2012/149181)  
[30] US (13/093,949) 2011-04-26

[21] **2,834,198**  
[13] A1

[51] **Int.Cl. B29C 70/20 (2006.01) B29C 70/50 (2006.01) B32B 5/24 (2006.01)**  
[25] EN  
[54] **VEILED TAPE WITH IMPROVED RESISTANCE TO DELAMINATION**  
[54] **RUBAN INVISIBLE POSSEDANT UNE MEILLEURE RESISTANCE AU DECOLLEMENT**  
[72] BERAUD, JEAN-MARC, FR  
[72] DUCARRE, JACQUES, FR  
[72] THIEL, JEAN-BENOIT, FR  
[71] HEXCEL REINFORCEMENTS, FR  
[85] 2013-10-24  
[86] 2012-05-31 (PCT/EP2012/060238)  
[87] (WO2012/164014)  
[30] FR (1154840) 2011-06-01

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[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/496 (2006.01) A61P 15/08 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 409/10 (2006.01) C07D 409/12 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**

[25] EN  
[54] **BENZAMIDES**  
[54] **BENZAMIDES**  
[72] YU, HENRY, US  
[72] LI, JIEZHEN, US  
[72] RICHARDSON, THOMAS E., US  
[72] BHARATHI, PANDI, US  
[72] HEASLEY, BRIAN H., US  
[72] GOUTOPOULOS, ANDREAS, US  
[71] MERCK PATENT GMBH, DE  
[85] 2013-10-23  
[86] 2012-07-17 (PCT/US2012/047038)  
[87] (WO2013/012848)  
[30] US (61/508,861) 2011-07-18  
[30] US (61/526,342) 2011-08-23

[21] **2,834,200**  
[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) A61K 31/7088 (2006.01) A61K 47/48 (2006.01)**

[25] EN  
[54] **A METHOD FOR MANUFACTURING PEGYLATED OLIGONUCLEOTIDES**  
[54] **PROCEDES DE FABRICATION D'OLIGONUCLEOTIDES PEGYLES**  
[72] BROOKS, DOUGLAS, US  
[72] RUSCONI, CHRISTOPHER P., US  
[71] REGADO BIOSCIENCES, INC., US  
[85] 2013-10-23  
[86] 2012-04-26 (PCT/US2012/035270)  
[87] (WO2012/149198)  
[30] US (61/479,226) 2011-04-26

[21] **2,834,201**  
[13] A1

[51] **Int.Cl. C25B 9/18 (2006.01) C25B 15/00 (2006.01)**

[25] EN  
[54] **REPLACEMENT COMPONENT FOR ELECTROLYSER FLANGES**  
[54] **COMPOSANT DE REMPLACEMENT POUR REBORDS D'ELECTROLYSEUR**  
[72] STEYER, TIMO, DE  
[71] UHDENORA S.P.A., IT  
[85] 2013-10-24  
[86] 2012-06-14 (PCT/EP2012/061360)  
[87] (WO2012/172021)  
[30] IT (MI2011A001070) 2011-06-14

[21] **2,834,202**  
[13] A1

[51] **Int.Cl. A01N 25/30 (2006.01) C07C 69/00 (2006.01) C08G 63/56 (2006.01)**

[25] EN  
[54] **STRUCTURING AGENTS AND EMULSIFIERS FOR AGRICULTURAL OIL-BASED FORMULATIONS**  
[54] **AGENTS STRUCTURANTS ET EMULSIFIANTS DESTINES A DES FORMULATIONS A BASE D'HUILE POUR L'AGRICULTURE**  
[72] MOODY, KEITH, AU  
[72] SAYLIK, DILEK, AU  
[72] BROWN, ROWAN, AU  
[71] HUNTSMAN CORPORATION AUSTRALIA PTY LIMITED, AU  
[85] 2013-10-24  
[86] 2012-06-08 (PCT/AU2012/000662)  
[87] (WO2012/167322)  
[30] AU (2011902300) 2011-06-10

[21] **2,834,203**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 37/06 (2006.01)**

[25] EN  
[54] **COMPOSITIONS AND METHOD FOR TREATING AUTOIMMUNE DISEASES**  
[54] **COMPOSITIONS ET METHODE DE TRAITEMENT DE MALADIES AUTO-IMMUNES**  
[72] DRAPPA, JORN, US  
[72] MORIMOTO, ALYSSA M., US  
[72] MCBRIDE, JACQUELINE, US  
[72] BOISMENU, RICHARD, US  
[72] MACIUCA, ROMEO, US  
[72] KENNEDY, WILLIAM D., US  
[72] TOWNSEND, MICHAEL J., US  
[71] GENENTECH, INC., US  
[85] 2013-10-23  
[86] 2012-04-26 (PCT/US2012/035313)  
[87] (WO2012/149228)  
[30] US (61/479,314) 2011-04-26  
[30] US (61/582,179) 2011-12-30

[21] **2,834,204**  
[13] A1

[51] **Int.Cl. F01D 5/00 (2006.01) B08B 7/00 (2006.01) F01D 5/28 (2006.01) F01D 25/00 (2006.01)**

[25] FR  
[54] **METHOD FOR CLEANING AND STRIPPING A TURBOSHAFT ENGINE BLADE USING A PULSED LASER**  
[54] **PROCEDE DE NETTOYAGE ET DE DECAPAGE D'UNE AUBE DE TURBOMOTEUR AU MOYEN D'UN LASER IMPULSIONNEL**  
[72] HUGOT, JULIETTE, FR  
[72] BOURDIN, FRANCK, FR  
[72] FEVRIER, THIERRY, FR  
[72] GESTIN, JEROME, FR  
[71] SNECMA, FR  
[85] 2013-10-24  
[86] 2012-05-02 (PCT/FR2012/050972)  
[87] (WO2012/150413)  
[30] FR (1153733) 2011-05-02

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[21] **2,834,205**  
[13] A1

[51] **Int.Cl. B01J 8/02 (2006.01) A01G 7/02 (2006.01) A01G 9/18 (2006.01) F23C 99/00 (2006.01)**

[25] EN

[54] **FIXED BED FILLING COMPOSITION**

[54] **COMPOSITION DE GARNISSAGE POUR LIT FIXE**

[72] GEERDINK, PETER, NL

[72] VAN DEN BROEKE, LEO JACQUES PIERRE, NL

[72] HUIZINGA, ARJEN, NL

[72] JAHN, JUDITH, NL

[72] VAN DEN BOS, WILLEMPJE ANTONIE PATRICIA, NL

[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL

[85] 2013-10-21

[86] 2012-04-19 (PCT/NL2012/050263)

[87] (WO2012/144899)

[30] EP (11163356.6) 2011-04-21

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[21] **2,834,206**  
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 10/10 (2012.01) G06Q 50/30 (2012.01) G06Q 50/00 (2012.01) G07C 5/00 (2006.01)**

[25] EN

[54] **DATA SELECTION FOR TRANSPORT SECTOR**

[54] **SELECTION DE DONNEES POUR LE SECTEUR DES TRANSPORTS**

[72] VAN DEN BERGH, KRIS, BE

[72] VAN DESSEL, PATRICK, BE

[72] DE MUNCK, WIM CYRIEL MARIA, BE

[72] DE WINNE, TOM HUGO JAN LUC, BE

[71] AVIOVISION, BE

[85] 2013-10-24

[86] 2012-05-21 (PCT/BE2012/000026)

[87] (WO2012/155218)

[30] US (61/614,041) 2012-03-22

[30] BE (2011/0298) 2011-05-17

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[21] **2,834,207**  
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **MIRNA396 AND GROWTH REGULATING FACTORS FOR CYST NEMATODE TOLERANCE IN PLANTS**

[54] **ARNMI396 ET FACTEURS DE REGULATION DE LA CROISSANCE POUR LA TOLERANCE AUX NEMATODES KYSTIQUES CHEZ LES PLANTES**

[72] HEWEZI, TAREK ABDEL FATTAH, US

[72] BAUM, THOMAS J., US

[71] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US

[85] 2013-10-23

[86] 2012-04-27 (PCT/US2012/035453)

[87] (WO2012/149316)

[30] US (61/480,093) 2011-04-28

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[21] **2,834,208**  
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01) H04J 99/00 (2009.01) H04W 28/06 (2009.01) H04J 11/00 (2006.01)**

[25] EN

[54] **RADIO BASE STATION APPARATUS, MOBILE TERMINAL APPARATUS, RADIO COMMUNICATION SYSTEM AND RADIO COMMUNICATION METHOD**

[54] **DISPOSITIF DE STATION DE BASE SANS FIL, DISPOSITIF DE TERMINAL MOBILE, SYSTEME DE COMMUNICATION SANS FIL ET PROCEDE DE COMMUNICATION SANS FIL**

[72] ABE, TETSUSHI, JP

[72] KISHIYAMA, YOSHIHISA, JP

[72] NAGATA, SATOSHI, JP

[72] MIKI, NOBUHIKO, JP

[72] TAKEDA, KAZUAKI, JP

[71] NTT DOCOMO INC., JP

[85] 2013-10-24

[86] 2012-02-17 (PCT/JP2012/053832)

[87] (WO2012/150667)

[30] JP (2011-103223) 2011-05-02

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[21] **2,834,209**  
[13] A1

[51] **Int.Cl. H01L 21/67 (2006.01) H01L 21/428 (2006.01) H01L 31/032 (2006.01)**

[25] FR

[54] **HEAT TREATMENT BY INJECTION OF A HEAT-TRANSFER GAS**

[54] **TRAITEMENT THERMIQUE PAR INJECTION D'UN GAZ CALOPORTEUR**

[72] SAVIDAND, GREGORY, FR

[72] LINCOT, DANIEL, FR

[71] ELECTRICITE DE FRANCE, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS -, FR

[85] 2013-10-24

[86] 2012-05-03 (PCT/FR2012/050994)

[87] (WO2012/153046)

[30] FR (11 54015) 2011-05-10

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[21] **2,834,210**  
[13] A1

[51] **Int.Cl. F16K 31/46 (2006.01) E21B 34/14 (2006.01) E21B 43/12 (2006.01) E21B 43/26 (2006.01) F16K 3/26 (2006.01) F16K 3/30 (2006.01)**

[25] EN

[54] **SLIDING SLEEVE VALVE AND METHOD FOR FLUID TREATING A SUBTERRANEAN FORMATION**

[54] **VANNE A DOUILLE COULISSANTE ET PROCEDE DE TRAITEMENT FLUIDIQUE D'UNE FORMATION SOUTERRAINE**

[72] COON, ROBERT JOE, US

[72] THEMIG, DANIEL JON, CA

[72] EMERSON, JOHN LEE, US

[72] MENDOZA, GUSTAVO, US

[71] PACKERS PLUS ENERGY SERVICES INC., CA

[85] 2013-10-24

[86] 2012-05-02 (PCT/CA2012/000412)

[87] (WO2012/149638)

[30] US (61/481,987) 2011-05-03

[30] US (61/509,748) 2011-07-20

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[21] **2,834,211**  
[13] A1

[51] **Int.Cl. B62D 6/00 (2006.01) B62D 5/04 (2006.01)**  
[25] EN  
[54] **VEHICLE STEERING DEVICE**  
[54] **DISPOSITIF DE DIRECTION DE VEHICULE**  
[72] IJIMA TAKESHI, JP  
[72] BANNO YOSHIFUMI, JP  
[71] HONDA MOTOR CO., LTD, JP  
[85] 2013-10-24  
[86] 2012-04-20 (PCT/JP2012/060770)  
[87] (WO2012/147661)  
[30] JP (2011-100065) 2011-04-27

[21] **2,834,212**  
[13] A1

[51] **Int.Cl. A61J 3/06 (2006.01) A61J 3/10 (2006.01) A61K 9/20 (2006.01) A61K 31/165 (2006.01)**  
[25] EN  
[54] **LAYER PROCESSING FOR PHARMACEUTICALS**  
[54] **TRAITEMENT DE COUCHE POUR DES PRODUITS PHARMACEUTIQUES**  
[72] TROUT, BERNHARDT LEVY, US  
[72] HATTON, TREVOR ALAN, US  
[72] CHANG, EMILY, US  
[72] EVANS, JAMES M.B., US  
[72] MASCIA, SALVATORE, US  
[72] KIM, WON, KR  
[72] SLAUGHTER, RYAN RICHARD, US  
[72] DU, YI, US  
[72] DHAMANKAR, HIMANSHU HEMANT, US  
[72] FORWARD, KEITH M., US  
[72] RUTLEDGE, GREGORY C., US  
[72] WANG, MAO, US  
[72] MYERSON, ALLAN STUART, US  
[72] BRETTMANN, BLAIR KATHRYN, US  
[72] PADHYE, NIKHIL, US  
[72] CHUN, JUNG-HOON, US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 2013-10-23  
[86] 2012-04-27 (PCT/US2012/035464)  
[87] (WO2012/149326)  
[30] US (61/480,756) 2011-04-29  
[30] US (61/535,630) 2011-09-16

[21] **2,834,213**  
[13] A1

[51] **Int.Cl. F01D 21/08 (2006.01) F01D 11/00 (2006.01) F01D 11/02 (2006.01)**  
[25] FR  
[54] **SEALING DEVICE FOR A TURBOMACHINE TURBINE NOZZLE**  
[54] **DISPOSITIF D'ETANCHEITE POUR DISTRIBUTEUR DE TURBINE DE TURBOMACHINE**  
[72] LUNEAU, FLORENT PIERRE ANTOINE, FR  
[72] GIRARD, PATRICK JOSEPH MARIE, FR  
[72] PRESTEL, SEBASTIEN JEAN LAURENT, FR  
[72] SOUPIZON, JEAN-LUC, FR  
[71] SNECMA, FR  
[85] 2013-10-24  
[86] 2012-05-04 (PCT/FR2012/051003)  
[87] (WO2012/150424)  
[30] FR (1153837) 2011-05-04

[21] **2,834,214**  
[13] A1

[51] **Int.Cl. H01J 61/38 (2006.01) H01J 61/02 (2006.01) H01J 61/35 (2006.01)**  
[25] EN  
[54] **LIGHT-EXTRACTION APPARATUS FOR AN OPTICAL-FILM LIGHTING SET HAVING A VISIBLE-LIGHT COATING**  
[54] **APPAREIL SERVANT A AMELIORER UNE STRUCTURE DE SORTIE DE LUMIERE D'UNE SURFACE DE REVETEMENT DE LUMIERE VISIBLE D'UNE LAMPE A FILM OPTIQUE**  
[72] MII, JENN-WEI, TW  
[71] MII, JENN-WEI, TW  
[85] 2013-10-24  
[86] 2012-04-27 (PCT/CN2012/000565)  
[87] (WO2012/146064)  
[30] CN (201120128262.8) 2011-04-27

[21] **2,834,215**  
[13] A1

[51] **Int.Cl. C12N 5/077 (2010.01) A61K 35/12 (2006.01) A61L 27/00 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01)**  
[25] EN  
[54] **PLURIPOTENT STEM CELL-DERIVED BROWN ADIPOCYTES, PLURIPOTENT STEM CELL-DERIVED CELL AGGREGATE, METHOD FOR PRODUCING SAME, AND CELL THERAPY AND MEDICAL THERAPY THEREFOR**  
[54] **ADIPOCYTES BRUNS DERIVES DE CELLULES SOUCHES PLURIPOTENTES, AGREGAT CELLULAIRE DERIVE DE CELLULES SOUCHES PLURIPOTENTES, LEUR PROCEDE DE PRODUCTION, THERAPIE CELLULAIRE ET THERAPIE MEDICALE ASSOCIEES**  
[72] SAEKI, KUMIKO, JP  
[72] YUO, AKIRA, JP  
[72] NISHIO, MIWAKO, JP  
[72] KAWASAKI, MASAKO, JP  
[72] SAEKI, KOICHI, JP  
[72] HASEGAWA, MAMORU, JP  
[71] NATIONAL CENTER FOR GLOBAL HEALTH AND MEDICINE, JP  
[71] Dनावेक CORPORATION, JP  
[85] 2013-10-24  
[86] 2012-04-26 (PCT/JP2012/061212)  
[87] (WO2012/147853)  
[30] JP (2011-100218) 2011-04-27  
[30] JP (2011-262842) 2011-11-30

[21] **2,834,216**  
[13] A1

[51] **Int.Cl. A61F 2/28 (2006.01) B01J 19/12 (2006.01)**  
[25] EN  
[54] **SURFACE MODIFIED BIOLOGICAL MATERIALS**  
[54] **MATIERES BIOLOGIQUES MODIFIEES EN SURFACE**  
[72] CLEVENGER, RANDELL, US  
[72] DONG, RONG, US  
[72] KATZ, JORDAN, US  
[71] ORTHOBOND, INC., US  
[85] 2013-10-23  
[86] 2012-04-27 (PCT/US2012/035468)  
[87] (WO2012/149330)  
[30] US (61/479,627) 2011-04-27

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[21] **2,834,217**  
[13] A1

[51] **Int.Cl. G06F 19/00 (2011.01)**  
[25] EN  
[54] **SENSING AND ADJUSTING FEATURES OF AN ENVIRONMENT**  
[54] **DETECTION ET REGLAGE DES CARACTERISTIQUES D'UN ENVIRONNEMENT**  
[72] MCGUIRE, KENNETH STEPHEN, US  
[72] HASENOEHRL, ERIK JOHN, US  
[72] MAHONEY, WILLIAM PAUL, III, US  
[72] BISCHOFF, COREY MICHAEL, US  
[72] STANLEY, HUIQING Y., US  
[72] STEINHARDT, MARK JOHN, US  
[72] GRUENBACHER, DANA PAUL, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2013-10-24  
[86] 2011-04-26 (PCT/US2011/033924)  
[87] (WO2012/148385)

[21] **2,834,218**  
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**  
[25] EN  
[54] **QUANTIFICATION OF A MINORITY NUCLEIC ACID SPECIES**  
[54] **QUANTIFICATION D'UNE MINORITE D'ESPECES D'ACIDE NUCLEIQUE**  
[72] NYGREN, ANDERS, US  
[71] SEQUENOM, INC., US  
[85] 2013-10-23  
[86] 2012-04-27 (PCT/US2012/035479)  
[87] (WO2012/149339)  
[30] US (61/480,686) 2011-04-29

[21] **2,834,219**  
[13] A1

[51] **Int.Cl. B01F 5/00 (2006.01) B01F 3/04 (2006.01) B01F 13/02 (2006.01)**  
[25] EN  
[54] **GAS DISSOLVING APPARATUS**  
[54] **APPAREIL DE DISSOLUTION DE GAZ**  
[72] DE CAMARGO, CAIUS ARAUJO MARTINS, US  
[71] G TECH LICENSING, LLC, US  
[85] 2013-10-24  
[86] 2011-04-26 (PCT/US2011/033935)  
[87] (WO2012/148386)

[21] **2,834,220**  
[13] A1

[51] **Int.Cl. C01B 21/30 (2006.01) B01J 19/08 (2006.01)**  
[25] EN  
[54] **ENERGY EFFICIENT PROCESS FOR PRODUCING NITROGEN OXIDE**  
[54] **PROCEDE DE PRODUCTION DE MONOXYDE D'AZOTE ECONOMOME EN ENERGIE**  
[72] INGELS, RUNE, NO  
[71] N2 APPLIED AS, NO  
[85] 2013-10-24  
[86] 2012-04-23 (PCT/NO2012/050073)  
[87] (WO2012/150865)  
[30] NO (20110659) 2011-05-04

[21] **2,834,221**  
[13] A1

[51] **Int.Cl. A46B 11/00 (2006.01)**  
[25] EN  
[54] **ORAL CARE IMPLEMENT HAVING VISUAL INDICATOR OF DEPLETION OF A FLUID**  
[54] **ACCESSOIRE DE SOIN ORAL COMPORTANT UN INDICATEUR VISUEL D'EPUISEMENT D'UN FLUIDE**  
[72] PATEL, MADHUSUDAN, US  
[72] CHOPRA, SUMAN, US  
[72] BOYD, THOMAS J., US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2013-10-24  
[86] 2011-04-29 (PCT/US2011/034583)  
[87] (WO2012/148423)

[21] **2,834,222**  
[13] A1

[51] **Int.Cl. C08F 2/46 (2006.01)**  
[25] EN  
[54] **PLASMA ACTIVATION OF BIOLOGICAL MATERIALS FOR SURFACE MODIFICATION**  
[54] **ACTIVATION PAR PLASMA DE MATIERES BIOLOGIQUES POUR UNE MODIFICATION DE SURFACE**  
[72] DONG, RONG, US  
[72] CLEVINGER, RANDELL, US  
[72] KATZ, JORDAN, US  
[71] ORTHOBOND, INC., US  
[85] 2013-10-23  
[86] 2012-04-27 (PCT/US2012/035515)  
[87] (WO2012/149366)  
[30] US (61/479,627) 2011-04-27

[21] **2,834,223**  
[13] A1

[51] **Int.Cl. B01J 23/78 (2006.01) B01J 23/75 (2006.01) B01J 23/89 (2006.01) C01B 3/40 (2006.01) H01M 8/06 (2006.01)**  
[25] EN  
[54] **HYDROCARBON-DECOMPOSING CATALYST AND FUEL CELL SYSTEM**  
[54] **CATALYSEUR POUR LA DECOMPOSITION D'HYDROCARBURES ET SYSTEME PILE A COMBUSTIBLE**  
[72] HONMYO, TORAYUKI, JP  
[72] TAKAHASHI, SHINJI, JP  
[72] HISAYUKU, YURIE, JP  
[71] TODA KOGYO CORPORATION, JP  
[85] 2013-10-24  
[86] 2012-04-26 (PCT/JP2012/061230)  
[87] (WO2012/147859)  
[30] JP (2011-099296) 2011-04-27

[21] **2,834,224**  
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4436 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 405/04 (2006.01) C07D 409/14 (2006.01)**  
[25] EN  
[54] **17A-HYDROXYLASE/C17,20-LYASE INHIBITORS**  
[54] **INHIBITEURS DE 17?-HYDROXYLASE/C17,20-LYASE**  
[72] BOCK, MARK GARY, US  
[72] GAUL, CHRISTOPH, CH  
[72] GUMMADI, VENKATESHWAR RAO, IN  
[72] SENGUPTA, SAUMITRA, IN  
[71] NOVARTIS AG, CH  
[85] 2013-10-23  
[86] 2012-04-27 (PCT/US2012/035583)  
[87] (WO2012/149413)  
[30] IN (1256/DEL/2011) 2011-04-28

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[21] **2,834,225**  
[13] A1

[51] **Int.Cl. E04D 1/28 (2006.01) E04B 1/80 (2006.01)**  
[25] EN  
[54] **AN IMPROVED ROOF TILE**  
[54] **TUILE DE TOIT AMELIOREE**  
[72] NOTON, EDWARD LAWRENCE, NZ  
[71] NOTON, EDWARD LAWRENCE, NZ  
[85] 2013-10-24  
[86] 2012-04-30 (PCT/NZ2012/000057)  
[87] (WO2012/148292)  
[30] NZ (592562) 2011-04-29

[21] **2,834,226**  
[13] A1

[51] **Int.Cl. B25D 9/04 (2006.01) B25D 17/06 (2006.01) E21B 1/38 (2006.01)**  
[25] EN  
[54] **A STRIKER MEMBER, AND A DRILLING MACHINE COMPRISING A STRIKER MEMBER**  
[54] **PERCUTEUR, ET PERFOREUSE A PERCUTEUR**  
[72] SAF, FREDRIK, SE  
[72] OSTLING, THOMAS, SE  
[71] ATLAS COPCO ROCK DRILLS AB, SE  
[85] 2013-10-24  
[86] 2012-04-12 (PCT/SE2012/050391)  
[87] (WO2012/150895)  
[30] SE (1150383-6) 2011-05-03

[21] **2,834,227**  
[13] A1

[51] **Int.Cl. E21B 21/10 (2006.01)**  
[25] EN  
[54] **COLLAPSE SENSING CHECK VALVE**  
[54] **SOUPAPE ANTI-RETOUR SENSIBLE A L'EFFONDREMENT**  
[72] LOGIUDICE, MICHAEL, US  
[72] SYMMS, JOSHUA VERNON, US  
[72] LIRETTE, BRENT J., US  
[72] SCOTT, THAD JOSEPH, US  
[72] RING, LEV, US  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2013-10-23  
[86] 2012-04-27 (PCT/US2012/035589)  
[87] (WO2012/149418)  
[30] US (61/481,088) 2011-04-29

[21] **2,834,228**  
[13] A1

[51] **Int.Cl. F16B 12/10 (2006.01) F16B 5/00 (2006.01) A47B 47/00 (2006.01)**  
[25] EN  
[54] **MECHANICAL LOCKING SYSTEM FOR BUILDING PANELS**  
[54] **SYSTEME DE VERROUILLAGE MECANIQUE POUR PANNEAUX DE CONSTRUCTION**  
[72] PERVAN, DARKO, SE  
[72] HAKANSSON, NICLAS, SE  
[71] VALINGE FLOORING TECHNOLOGY AB, SE  
[85] 2013-10-24  
[86] 2012-05-04 (PCT/SE2012/050475)  
[87] (WO2012/154113)  
[30] SE (1150400-8) 2011-05-06  
[30] US (61/483,444) 2011-05-06

[21] **2,834,229**  
[13] A1

[51] **Int.Cl. C01G 9/02 (2006.01) A61K 8/27 (2006.01) A61Q 1/00 (2006.01) A61Q 17/04 (2006.01) C08K 3/22 (2006.01) C08L 101/00 (2006.01) C09D 5/00 (2006.01) C09D 7/12 (2006.01) C09D 201/00 (2006.01)**  
[25] EN  
[54] **HEXAGONAL PLATE-SHAPED ZINC OXIDE PARTICLES, METHOD FOR PRODUCTION OF THE SAME, AND COSMETIC, HEAT RELEASING FILLER, HEAT RELEASING RESIN COMPOSITION, HEAT RELEASING GREASE, AND HEAT RELEASING COATING COMPOSITION COMPRISING THE SAME**  
[54] **PARTICULES D'OXYDE DE ZINC EN FORME DE PLAQUE HEXAGONALE, PROCEDE POUR LES PRODUIRE ET MATIERE COSMETIQUE, CHARGE A DISSIPATION DE CHALEUR, COMPOSITION DE RESINE A DISSIPATION DE CHALEUR, GRAISSE A DISSIPATION DE CHALEUR ET COMPOSITION DE REVETEMENT A DISSIPATION DE CHALEUR LES CONTENANT**  
[72] SUEDA, SATORU, JP  
[72] HASHIMOTO, MITSUO, JP  
[72] TERABE, ATSUKI, JP  
[72] WATANABE, NOBUO, JP  
[72] MAGARA, KOICHIRO, JP  
[71] SAKAI CHEMICAL INDUSTRY CO., LTD., JP  
[85] 2013-10-24  
[86] 2012-04-26 (PCT/JP2012/061280)  
[87] (WO2012/147886)  
[30] JP (2011-101021) 2011-04-28

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[21] **2,834,230**  
[13] A1

[51] **Int.Cl. E21B 34/06 (2006.01)**  
[25] EN  
[54] **ANNULAR PRESSURE RELEASE SUB**  
[54] **RACCORD DE DECHARGE DE PRESSION DE L'ESPACE ANNULAIRE**  
[72] HEBERT, JOHN EMILE, US  
[72] BOURG, BRANDON LEE, US  
[72] ARBONEAU, EMMET J., III, US  
[72] SMITH, JOSHUA T., US  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2013-10-23  
[86] 2012-04-27 (PCT/US2012/035598)  
[87] (WO2012/149426)  
[30] US (61/481,052) 2011-04-29

[21] **2,834,231**  
[13] A1

[51] **Int.Cl. A23L 1/22 (2006.01) A61Q 11/00 (2006.01)**  
[25] EN  
[54] **TASTE MASKING COMPOSITIONS AND EDIBLE FORMS THEREOF**  
[54] **COMPOSITIONS DE MASQUAGE DU GOUT ET LEURS FORMES COMESTIBLES**  
[72] WINDSCHAUER, ROBERT J., US  
[72] VIRGALLITO, TERESA T., US  
[71] ACME SPECIALTY PRODUCTS, LLC, US  
[85] 2013-10-24  
[86] 2011-06-03 (PCT/US2011/038987)  
[87] (WO2012/148432)  
[30] US (61/480,102) 2011-04-28

[21] **2,834,232**  
[13] A1

[51] **Int.Cl. A61K 31/7088 (2006.01) A61K 31/7115 (2006.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61P 3/06 (2006.01)**  
[25] EN  
[54] **MODULATION OF APOLIPOPROTEIN CIII (APOCIII) EXPRESSION**  
[54] **MODULATION DE L'EXPRESSION DE L'APOLIPOPROTEINE CIII (APOCIII)**  
[72] MULLICK, ADAM, US  
[72] CROOKE, ROSANNE M., US  
[72] GRAHAM, MARK J., US  
[72] DOBIE, KENNETH W., US  
[72] BELL, THOMAS A., US  
[72] LEE, RICHARD, US  
[71] ISIS PHARMACEUTICALS, INC., US  
[85] 2013-10-23  
[86] 2012-04-27 (PCT/US2012/035694)  
[87] (WO2012/149495)  
[30] US (61/479,817) 2011-04-27  
[30] US (61/595,009) 2012-02-03

[21] **2,834,233**  
[13] A1

[51] **Int.Cl. C01G 9/02 (2006.01) A61K 8/27 (2006.01) A61Q 1/00 (2006.01) A61Q 17/04 (2006.01) C08K 3/22 (2006.01) C08L 101/00 (2006.01) C09D 7/12 (2006.01) C09D 201/00 (2006.01)**  
[25] EN  
[54] **HEXAGONAL PRISM-SHAPED ZINC OXIDE PARTICLES, METHOD FOR PRODUCTION OF THE SAME, AND COSMETIC, HEAT RELEASING FILLER, HEAT RELEASING RESIN COMPOSITION, HEAT RELEASING GREASE, AND HEAT RELEASING COATING COMPOSITION COMPRISING THE SAME**  
[54] **PARTICULES D'OXYDE DE ZINC EN FORME DE CYLINDRE HEXAGONAL, PROCEDE POUR LES PRODUIRE ET MATIERE COSMETIQUE, CHARGE A DISSIPATION DE CHALEUR, COMPOSITION DE RESINE A DISSIPATION DE CHALEUR, GRAISSE A DISSIPATION DE CHALEUR ET COMPOSITION DE REVETEMENT A DISSIPATION DE CHALEUR LES CONTENANT**  
[72] SUEDA, SATORU, JP  
[72] HASHIMOTO, MITSUO, JP  
[72] TERABE, ATSUKI, JP  
[72] WATANABE, NOBUO, JP  
[72] MAGARA, KOICHIRO, JP  
[71] SAKAI CHEMICAL INDUSTRY CO., LTD., JP  
[85] 2013-10-24  
[86] 2012-04-26 (PCT/JP2012/061281)  
[87] (WO2012/147887)  
[30] JP (2011-101022) 2011-04-28



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[21] **2,834,234**  
[13] A1

[51] **Int.Cl. E02F 9/20 (2006.01) E02F 3/42 (2006.01) E02F 3/43 (2006.01)**

[25] EN

[54] **CONTROLLING A DIGGING OPERATION OF AN INDUSTRIAL MACHINE**

[54] **COMMANDE D'OPERATION DE CREUSEMENT DE MACHINE INDUSTRIELLE**

[72] COLWELL, JOSEPH, US  
[72] HREN, WILLIAM, US  
[72] WENDT, DAVID, US  
[72] LINSTROTH, MICHAEL, US  
[71] HARNISCHFEGER TECHNOLOGIES, INC., US

[85] 2013-10-24  
[86] 2011-08-31 (PCT/US2011/049946)  
[87] (WO2012/148436)  
[30] US (61/480,603) 2011-04-29

[21] **2,834,235**  
[13] A1

[51] **Int.Cl. E02F 9/20 (2006.01) E02F 3/42 (2006.01) E02F 3/43 (2006.01)**

[25] EN

[54] **CONTROLLING A DIGGING OPERATION OF AN INDUSTRIAL MACHINE**

[54] **COMMANDE D'OPERATION DE CREUSEMENT DE MACHINE INDUSTRIELLE**

[72] COLWELL, JOSEPH, US  
[72] HREN, WILLIAM, US  
[72] EMERSON, MARK, US  
[72] LINSTROTH, MICHAEL, US  
[71] HARNISCHFEGER TECHNOLOGIES, INC., US

[85] 2013-10-24  
[86] 2011-08-31 (PCT/US2011/049975)  
[87] (WO2012/148437)  
[30] US (61/480,603) 2011-04-29

[21] **2,834,236**  
[13] A1

[51] **Int.Cl. G06Q 50/32 (2012.01)**

[25] EN

[54] **MOST RECENTLY USED LIST FOR ATTACHING FILES TO MESSAGES**

[54] **LISTE DES DERNIERS FICHIERS OUVERTS PERMETTANT DE JOINDRE DES FICHIERS A DES MESSAGES**

[72] MEISELS, JOSHUA ADAM, US  
[72] COSTENARO, DANIEL PAUL, US  
[72] BROWN, JEDIDIAH, US  
[71] MICROSOFT CORPORATION, US

[85] 2013-10-23  
[86] 2012-04-28 (PCT/US2012/035711)  
[87] (WO2012/149510)  
[30] US (13/096,922) 2011-04-28

[21] **2,834,237**  
[13] A1

[51] **Int.Cl. A61K 31/422 (2006.01) A61K 31/42 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/506 (2006.01)**

[25] EN

[54] **ISOXAZOLINES AS THERAPEUTIC AGENTS**

[54] **ISOXAZOLINES UTILISEES EN TANT QU'AGENTS THERAPEUTIQUES**

[72] CALDERWOOD, DAVID J., US  
[72] BREINLINGER, ERIC C., US  
[72] SWANN, STEVEN L., US  
[72] MUKHERJEE, SUBHENDU, IN  
[72] CHITTY, VENKATA SRIKANTH, IN  
[72] THUNUGUNTALA, SIVA SANJEEVA RAO, IN

[72] HOSAHALLI, SUBRAMANYA SEETHARAMA SHASTRY, IN

[71] ABBVIE INC., US

[85] 2013-10-23  
[86] 2012-04-30 (PCT/US2012/035832)  
[87] (WO2012/151158)  
[30] IN (1272/DEL/2011) 2011-04-30

[21] **2,834,238**  
[13] A1

[51] **Int.Cl. A23K 1/16 (2006.01) A23K 1/175 (2006.01) A23K 1/18 (2006.01)**

[25] EN

[54] **COMPOSITIONS COMPRISING A GLUCOSE ANTI-METABOLITE AND SELENIUM**

[54] **COMPOSITION CONTENANT UN ANTI-METABOLITE DU GLUCOSE, AINSI QUE DU SELENIUM**

[72] LUHADIYA, ASHOK PREMCHAND, US  
[72] DAVENPORT, GARY MITCHELL, US

[72] ZHANG, JIN, US  
[72] INGRAM, DONALD KEITH, US  
[72] ROTH, GEORGE S., US  
[72] SHOVELLER, ANNA KATHARINE, US

[72] FLICKINGER, ELIZABETH ANNE, US

[71] THE IAMS COMPANY, US

[85] 2013-10-23  
[86] 2012-05-02 (PCT/US2012/036035)  
[87] (WO2012/151227)  
[30] US (13/098,741) 2011-05-02

[21] **2,834,239**  
[13] A1

[51] **Int.Cl. A47K 13/10 (2006.01)**

[25] EN

[54] **DEVICE COMPRISING ACTUATING MECHANISMS WITH A PEDAL AND COMPRISING A HYDRAULIC ACTUATOR FOR LIFTING AND LOWERING, RESPECTIVELY, THE COVER AND THE SEAT OF A WC**

[54] **DISPOSITIF A MECANISMES D'ACTIONNEMENT A PEDALE ET A ACTIONNEUR HYDRAULIQUE POUR LEVER ET BAISSER, RESPECTIVEMENT, LE COUVERCLE ET LE SIEGE D'UN W.C.**

[72] GOMEZ ESPANA COLLIGNON, CARLO, MX  
[71] GOMEZ ESPANA COLLIGNON, CARLO, MX

[85] 2013-10-30  
[86] 2012-03-02 (PCT/MX2012/000024)  
[87] (WO2012/121582)  
[30] MX (MX/a/2011/002472) 2011-03-04

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[21] **2,834,240**  
[13] A1

[51] **Int.Cl. E02F 9/20 (2006.01) E02F 3/43 (2006.01)**  
[25] EN  
[54] **CONTROLLING A DIGGING OPERATION OF AN INDUSTRIAL MACHINE**  
[54] **COMMANDE D'OPERATION DE CREUSEMENT DE MACHINE INDUSTRIELLE**  
[72] COLWELL, JOSEPH, US  
[72] POWERS, WILLIAM, US  
[72] BURANT, JOHN, US  
[71] HARNISCHFEGER TECHNOLOGIES, INC., US  
[85] 2013-10-24  
[86] 2011-08-31 (PCT/US2011/050024)  
[87] (WO2012/148438)  
[30] US (61/480,603) 2011-04-29

[21] **2,834,241**  
[13] A1

[51] **Int.Cl. A23J 1/02 (2006.01) A23J 3/04 (2006.01) A23L 1/317 (2006.01)**  
[25] EN  
[54] **PROTEIN PRODUCT AND PROCESS FOR MAKING PROTEIN PRODUCT FROM UNCOOKED MEAT PURGE**  
[54] **PRODUIT PROTEIQUE ET PROCEDE DE FABRICATION D'UN PRODUIT PROTEIQUE A PARTIR DE LIQUIDE S'ECOULANT DE LA VIANDE CRUE**  
[72] KELLEHER, STEPHEN D., US  
[72] FIELDING, WILLIAM R., US  
[71] PROTEUS INDUSTRIES, INC., US  
[85] 2013-10-24  
[86] 2012-03-05 (PCT/US2012/000118)  
[87] (WO2012/148490)  
[30] US (61/517,920) 2011-04-28

[21] **2,834,242**  
[13] A1

[51] **Int.Cl. C12P 7/16 (2006.01) C12P 7/06 (2006.01)**  
[25] EN  
[54] **IN SITU EXPRESSION OF LIPASE FOR ENZYMATIC PRODUCTION OF ALCOHOL ESTERS DURING FERMENTATION**  
[54] **EXPRESSION IN SITU DE LIPASE POUR LA PRODUCTION ENZYMATIQUE D'ESTERS D'ALCOOLS PENDANT LA FERMENTATION**  
[72] DICOSIMO, ROBERT, US  
[72] KRUCKEBERG, ARTHUR LEO, US  
[72] VAN AKEN, THOMAS EDWIN, US  
[71] BUTAMAX (TM) ADVANCED BIOFUELS LLC, US  
[85] 2013-10-24  
[86] 2012-06-15 (PCT/US2012/000288)  
[87] (WO2012/173658)  
[30] US (61/498,292) 2011-06-17  
[30] US (13/427,987) 2012-03-23

[21] **2,834,243**  
[13] A1

[51] **Int.Cl. G01N 33/68 (2006.01) C07K 16/28 (2006.01) A61K 39/395 (2006.01)**  
[25] EN  
[54] **ANTI-HUMAN RECEPTOR-TYPE PROTEIN TYROSINE PHOSPHATASE .SIGMA. ANTIBODY**  
[54] **ANTICORPS ANTI-PROTEINE TYROSINE PHOSPHATASE S HUMAINE DE TYPE RECEPTEUR**  
[72] YAMAZAKI, TOMOHIDE, JP  
[72] ZHAO, JING, JP  
[72] ISHIDA, KOJI, JP  
[72] SHIBATA, YASUE, JP  
[72] CHO, MINKWON, JP  
[72] ENDO, MAYUKI, JP  
[71] SBI BIOTECH CO., LTD., JP  
[85] 2013-10-24  
[86] 2012-04-27 (PCT/JP2012/061795)  
[87] (WO2012/148003)  
[30] JP (2011-101752) 2011-04-28

[21] **2,834,244**  
[13] A1

[51] **Int.Cl. H01H 5/18 (2006.01)**  
[25] EN  
[54] **CHANGING THE STATE OF A SWITCH THROUGH THE APPLICATION OF POWER**  
[54] **CHANGEMENT DE L'ETAT D'UN INTERRUPTEUR PAR APPLICATION DE PUISSANCE**  
[72] BONAVIDES, CLOVIS S., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2013-10-24  
[86] 2011-10-11 (PCT/US2011/055729)  
[87] (WO2012/166192)  
[30] US (PCT/US2011/038900) 2011-06-02

[21] **2,834,245**  
[13] A1

[51] **Int.Cl. B23K 35/30 (2006.01) C22C 38/58 (2006.01) G21C 5/00 (2006.01)**  
[25] EN  
[54] **WELDING MATERIAL AND WELDING JOINT**  
[54] **MATERIAU DE SOUDAGE ET RACCORD SOUDE**  
[72] OSUKI, TAKAHIRO, JP  
[72] TAKEDA, KIYOKO, JP  
[72] YOKOYAMA, TETSUO, JP  
[72] ANADA, HIROYUKI, JP  
[72] TOYODA, MASATOSHI, JP  
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2013-10-24  
[86] 2012-05-11 (PCT/JP2012/062090)  
[87] (WO2012/157542)  
[30] JP (2011-107863) 2011-05-13

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[21] **2,834,246**  
[13] A1

[51] **Int.Cl. A01K 29/00 (2006.01)**  
[25] EN  
[54] **ANIMAL LITTER, PROCESS FOR PREPARING ANIMAL LITTER, AND METHOD FOR REMOVAL OF ANIMAL WASTE**

[54] **LITIERE POUR ANIMAUX, PROCESSUS DE PREPARATION D'UNE LITIERE POUR ANIMAUX ET PROCEDE D'ELIMINATION DE DECHETS ANIMAUX**

[72] WANG, LIN, US  
[72] GREGORY, KATHERINE LAUREN, US  
[71] GRAIN PROCESSING CORPORATION, US  
[85] 2013-10-24  
[86] 2012-02-15 (PCT/US2012/025253)  
[87] (WO2013/105984)  
[30] US (13/103,778) 2011-05-09

[21] **2,834,247**  
[13] A1

[51] **Int.Cl. C08G 63/16 (2006.01) C07C 31/20 (2006.01)**  
[25] EN  
[54] **POLYESTER WITH EXCELLENT THERMOSTABILITY AND MANUFACTURING METHOD THEREFOR**

[54] **POLYSTER PRESENTANT UNE EXCELLENTE THERMOSTABILITE ET PROCEDE DE FABRICATION DE CELUI-CI**

[72] OKUBO, TAKURO, JP  
[72] TANAKA, YOUICHIRO, JP  
[72] MORIMOTO, KUNIHIRO, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2013-10-24  
[86] 2012-08-24 (PCT/JP2012/071495)  
[87] (WO2013/035559)  
[30] JP (2011-193783) 2011-09-06

[21] **2,834,248**  
[13] A1

[51] **Int.Cl. A61B 5/0478 (2006.01) A61B 5/0424 (2006.01)**  
[25] EN  
[54] **ELECTRODE APPLICATOR**  
[54] **APPLICATEUR D'ELECTRODE**

[72] WILSON, SCOTT B., US  
[71] PERSYST DEVELOPMENT CORPORATION, US  
[85] 2013-10-24  
[86] 2012-03-22 (PCT/US2012/030215)  
[87] (WO2012/148602)  
[30] US (61/481,140) 2011-04-29  
[30] US (13/423,202) 2012-03-17

[21] **2,834,249**  
[13] A1

[25] EN  
[54] **INTRA-PREDICTION METHOD, AND ENCODER AND DECODER USING SAME**

[54] **PROCEDE DE PREDICTION INTRA, ET CODEUR ET DECODEUR L'UTILISANT**

[72] PARK, JOONYOUNG, KR  
[72] PARK, SEUNGWOOK, KR  
[72] LIM, JAEHYUN, KR  
[72] KIM, JUNGSUN, KR  
[72] CHOI, YOUNGHEE, KR  
[72] JEON, BYEONGMOON, KR  
[72] JEON, YONGJOON, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2013-10-24  
[86] 2012-04-20 (PCT/KR2012/003093)  
[87] (WO2012/148138)  
[30] US (61/478,912) 2011-04-25

[21] **2,834,250**  
[13] A1

[51] **Int.Cl. A01N 63/00 (2006.01)**  
[25] EN  
[54] **USES, METHODS AND BIOLOGICAL COMPOSITION OF THE GENUS PAECILOMYCES IN THE CONTROL, PREVENTION AND ERADICATION OF PLANT PARASITES IN SOLANACEAE CULTURES**

[54] **UTILISATIONS, METHODES ET COMPOSITIONS BIOLOGIQUES DU GENRE PAECILOMYCES POUR LA REGULATION, LA PREVENTION ET D'ERADICATION DE PHYTOPARASITES DANS DES CULTURES DE SOLANACEES**

[72] CARRION VILLARNOVO, GLORIA LUZ LAURA, MX  
[72] HERNANDEZ LEAL, TANIA ISADORA, MX  
[72] LOPEZ LIMA, JOSE DANIEL, MX  
[72] NUNEZ SANCHEZ, ANGEL ENRIQUE, MX  
[71] INSTITUTO DE ECOLOGIA, A.C., MX  
[85] 2013-10-24  
[86] 2012-03-28 (PCT/MX2012/000032)  
[87] (WO2012/148251)  
[30] MX (MX/a/2011/004510) 2011-04-29

[21] **2,834,251**  
[13] A1

[51] **Int.Cl. A01K 63/02 (2006.01) A01K 61/00 (2006.01) A01K 63/00 (2006.01) A01K 63/04 (2006.01)**  
[25] EN  
[54] **SYSTEM FOR TREATMENT OF LICE, AND CORRESPONDING METHOD FOR TREATMENT OF LICE**

[54] **SYSTEME DE TRAITEMENT DES POUX, ET METHODE CORRESPONDANTE POUR LE TRAITEMENT DES POUX**

[72] ULRIKSEN, ULRIK, NO  
[71] OCEA AS, NO  
[85] 2013-10-24  
[86] 2012-04-27 (PCT/NO2012/000038)  
[87] (WO2012/148283)  
[30] NO (20110625) 2011-04-27

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[51] <b>Int.Cl. C01G 9/02 (2006.01) A61K 8/27 (2006.01) A61Q 1/00 (2006.01) A61Q 17/04 (2006.01) C08K 3/22 (2006.01) C08L 101/00 (2006.01) C09D 7/12 (2006.01) C09D 201/00 (2006.01)</b>	[51] <b>Int.Cl. C12N 15/09 (2006.01) A61K 31/711 (2006.01) A61K 31/713 (2006.01) A61K 35/12 (2006.01) A61K 35/28 (2006.01) A61K 35/76 (2006.01) A61K 38/00 (2006.01) A61K 48/00 (2006.01) A61P 1/00 (2006.01) A61P 1/04 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 17/00 (2006.01) A61P 19/00 (2006.01) A61P 21/00 (2006.01) C07K 14/47 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01)</b>	[51] <b>Int.Cl. A61B 8/14 (2006.01)</b>
[25] EN	[25] EN	[25] EN
[54] <b>ZINC OXIDE PARTICLES, METHOD FOR PRODUCTION OF THE SAME, AND COSMETIC, HEAT RELEASING FILLER, HEAT RELEASING RESIN COMPOSITION, HEAT RELEASING GREASE, AND HEAT RELEASING COATING COMPOSITION COMPRISING THE SAME</b>	[54] <b>PEPTIDE FOR INDUCING REGENERATION OF TISSUE AND USE THEREOF</b>	[54] <b>BIOPSY DEVICE WITH MANIFOLD ALIGNMENT FEATURE AND TISSUE SENSOR</b>
[54] <b>PARTICULES D'OXYDE DE ZINC, PROCEDE POUR LES PRODUIRE, MATIERE COSMETIQUE, CHARGE A DISSIPATION DE CHALEUR, COMPOSITION DE RESINE A DISSIPATION DE CHALEUR, GRAISSE A DISSIPATION DE CHALEUR ET COMPOSITION DE REVETEMENT A DISSIPATION DE CHALEUR</b>	[54] <b>PEPTIDE PERMETTANT D'INDUIRE LA REGENERATION D'UN TISSU ET SON UTILISATION</b>	[54] <b>DISPOSITIF DE BIOPSIE AVEC ELEMENT D'ALIGNEMENT DE COLLECTEUR ET DETECTEUR DE TISSU</b>
[72] SUEDA, SATORU, JP	[72] TAMAI, KATSUTO, JP	[72] MOORE, KYLE P., US
[72] HASHIMOTO, MITSUO, JP	[72] YAMAZAKI, TAKEHIKO, JP	[72] CRAIG, HAROLD W., US
[72] TERABE, ATSUKI, JP	[72] KANEZAKI, TSUTOMU, JP	[72] SPEEG, TREVOR W. V., US
[72] WATANABE, NOBUO, JP	[72] SAKURAI, SHIGERU, JP	[72] TANGHAL, EMMANUEL V., US
[72] MAGARA, KOICHIRO, JP	[72] NOGUCHI, YUKIKO, JP	[72] MESCHER, PATRICK A., US
[71] SAKAI CHEMICAL INDUSTRY CO., LTD., JP	[72] ENDO, MAYUMI, JP	[72] MUMAW, DANIEL J., US
[85] 2013-10-24	[72] HAMABUCHI, NATSUMI, JP	[72] KOHNHORST, LOIS L., US
[86] 2012-04-26 (PCT/JP2012/061282)	[72] NAITO, KANA, JP	[72] DODD, KATHRYN M., US
[87] (WO2012/147888)	[71] GENOMIX CO., LTD., JP	[71] DEVICOR MEDICAL PRODUCTS, INC., US
[30] JP (2011-101023) 2011-04-28	[71] OSAKA UNIVERSITY, JP	[85] 2013-10-24
	[85] 2013-10-24	[86] 2012-04-19 (PCT/US2012/034169)
	[86] 2012-04-03 (PCT/JP2012/059113)	[87] (WO2012/151053)
	[87] (WO2012/147470)	[30] US (13/099,497) 2011-05-03
	[30] JP (2011-098270) 2011-04-26	
	[30] JP (2011-219454) 2011-10-03	
		[21] <b>2,834,259</b> [13] A1
		[51] <b>Int.Cl. A23L 1/03 (2006.01) A23C 9/152 (2006.01) A23K 1/00 (2006.01) A23K 1/18 (2006.01) A23L 1/22 (2006.01) A23L 1/28 (2006.01) A23L 2/52 (2006.01) A23L 1/305 (2006.01)</b>
		[25] EN
		[54] <b>PALATABILITY ENHANCING COMPOSITIONS</b>
		[54] <b>COMPOSITIONS AMELIORANT LA SAPIDITE D'UN ALIMENT</b>
		[72] SHE, MANJUAN JENNY, US
		[72] WOODWARD, GARY J., US
		[72] LYN, SANDRA, US
		[72] SHI, ZULIN, US
		[71] NESTEC S.A., CH
		[85] 2013-10-24
		[86] 2012-04-19 (PCT/US2012/034198)
		[87] (WO2012/148769)
		[30] US (61/518,081) 2011-04-29

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[13] A1

[51] **Int.Cl. A61L 2/00 (2006.01) G01F 11/00 (2006.01) G08B 21/24 (2006.01)**

[25] EN

[54] **PORTABLE COMPLIANCE DISPENSER**

[54] **DISTRIBUTEUR PORTATIF POUR RESPECT DE L'HYGIENE**

[72] WEGELIN, JACKSON W., US

[72] ARCHER, MATTHEW J., US

[71] GOJO INDUSTRIES, INC., US

[85] 2013-10-24

[86] 2012-04-19 (PCT/US2012/034227)

[87] (WO2012/148771)

[30] US (13/095,052) 2011-04-27

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[21] **2,834,261**  
[13] A1

[51] **Int.Cl. C08K 5/098 (2006.01) C08K 5/06 (2006.01) C08K 5/10 (2006.01) C08K 5/20 (2006.01) C08L 67/02 (2006.01)**

[25] EN

[54] **ACTIVATED OXYGEN SCAVENGING COMPOSITIONS FOR PLASTIC CONTAINERS**

[54] **COMPOSITIONS DE CAPTURE D'OXYGENE ACTIVE POUR RECIPIENTS EN PLASTIQUE**

[72] AKKAPEDDI, MURALI K., US

[72] LYNCH, BRIAN A., US

[72] ZHONG, YANG, US

[71] GRAHAM PACKAGING COMPANY, L.P., US

[85] 2013-10-24

[86] 2012-04-19 (PCT/US2012/034235)

[87] (WO2012/154379)

[30] US (13/102,747) 2011-05-06

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[21] **2,834,262**  
[13] A1

[51] **Int.Cl. A61K 9/107 (2006.01) A61K 9/00 (2006.01) A61K 47/10 (2006.01)**

[25] EN

[54] **IMPROVED PARENTERAL FORMULATIONS OF LIPOPHILIC PHARMACEUTICAL AGENTS AND METHODS FOR PREPARING AND USING THE SAME**

[54] **PREPARATIONS PARENTERALES AMELIOREES D'AGENTS PHARMACEUTIQUES LIPOPHILES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**

[72] ANDERSSON, BORJE S., US

[72] VALDEZ, BENIGNO C., US

[72] TARRAND, JEFFREY, US

[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US

[85] 2013-10-24

[86] 2012-04-20 (PCT/US2012/034361)

[87] (WO2012/148799)

[30] US (61/480,259) 2011-04-28

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[21] **2,834,263**  
[13] A1

[51] **Int.Cl. C10L 1/02 (2006.01) G01N 33/28 (2006.01) G05D 21/00 (2006.01)**

[25] EN

[54] **QUALITY CERTIFICATION OF OXYGENATED GASOLINE**

[54] **CERTIFICATION DE LA QUALITE DE L'ESSENCE OXYGENEE**

[72] KELLY, FRANCIS X., US

[72] LAU, TIAN CHONG, CA

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

[85] 2013-10-23

[86] 2012-05-03 (PCT/US2012/036277)

[87] (WO2012/151374)

[30] US (13/101,580) 2011-05-05

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[21] **2,834,266**  
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **METHOD FOR CONTROLLING WEEDS IN A FIELD OF COTTON PLANTS**

[54] **METHODE DE LUTTE CONTRE LES MAUVAISES HERBES DANS UN CHAMP DE PLANTS DE COTON**

[72] RICHBURG, JOHN S., US

[72] WRIGHT, TERRY R., US

[72] BRAXTON, LEON B., US

[72] ROBINSON, ANDREW E., US

[71] DOW AGROSCIENCES LLC, US

[85] 2013-10-24

[86] 2012-04-20 (PCT/US2012/034503)

[87] (WO2012/148818)

[30] US (61/479,533) 2011-04-27

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[21] **2,834,269**  
[13] A1

[51] **Int.Cl. A61F 2/02 (2006.01)**

[25] EN

[54] **IMPLANTS, TOOLS, AND METHODS FOR TREATMENT OF PELVIC CONDITIONS**

[54] **IMPLANTS, OUTILS ET METHODES DE TRAITEMENT D'ETATS PELVIENS**

[72] VIKER, THOMAS O., US

[72] ALEXANDER, JAMES A., US

[72] THORSON, MICAH D., US

[72] KHAMIS, CHAOUKI A., US

[72] HUELMAN, JUSTIN H., US

[72] TREMULIS, WILLIAM S., US

[71] AMS RESEARCH CORPORATION, US

[85] 2013-10-23

[86] 2012-05-04 (PCT/US2012/036575)

[87] (WO2012/151516)

[30] US (61/482,430) 2011-05-04

[30] US (61/496,127) 2011-06-13

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[21] **2,834,270**  
[13] A1

[51] **Int.Cl. H04B 7/04 (2006.01) H04J 11/00 (2006.01) H04L 1/06 (2006.01)**  
[25] EN  
[54] **METHODS AND SYSTEMS OF WIRELESS COMMUNICATION WITH REMOTE RADIO HEADS**  
[54] **PROCEDES ET SYSTEMES DE COMMUNICATION SANS FIL AU MOYEN DE TETES RADIO DE PORTEES (REMOTE RADIO HEADS)**  
[72] GAO, SHIWEI, CA  
[72] XU, HUA, CA  
[72] GUO, SHIGUANG, CA  
[72] SMITH, JACK ANTHONY, US  
[72] JIA, YONGKANG, CA  
[72] EBRAHIMI TAZEY MAHALLEH, MASOUD, CA  
[72] YU, DONGSHENG, CA  
[72] HARRISON, ROBERT MARK, US  
[71] BLACKBERRY LIMITED, CA  
[85] 2013-10-24  
[86] 2012-04-20 (PCT/US2012/034524)  
[87] (WO2012/151064)  
[30] US (13/099,104) 2011-05-02  
[30] US (61/556,118) 2011-11-04

[21] **2,834,271**  
[13] A1

[51] **Int.Cl. C22C 9/04 (2006.01) C23C 8/40 (2006.01)**  
[25] EN  
[54] **SULFUR TREATMENT FOR COPPER ZINC ALLOYS**  
[54] **TRAITEMENT AU SOUFRE POUR ALLIAGES DE CUIVRE-ZINC**  
[72] LAWRENCE, BENJAMIN L., US  
[71] NIBCO INC., US  
[85] 2013-10-24  
[86] 2012-04-24 (PCT/US2012/034804)  
[87] (WO2012/148912)  
[30] US (61/478,749) 2011-04-25  
[30] US (13/302,374) 2011-11-22

[21] **2,834,273**  
[13] A1

[51] **Int.Cl. A61B 17/03 (2006.01)**  
[25] EN  
[54] **TOOLS AND METHODS FOR TREATMENT OF PELVIC CONDITIONS**  
[54] **INSTRUMENTS ET METHODES DE TRAITEMENT DES AFFECTIONS PELVIENNES**  
[72] ALEXANDER, JAMES A., US  
[72] KHAMIS, CHAOUKI A., US  
[72] DERUS, PATRICIA M., US  
[72] JEUTTER, SCOTT S., US  
[72] ROCHELEAU, GARY A., US  
[72] ROCKOW, STEVEN G., US  
[71] AMS RESEARCH CORPORATION, US  
[85] 2013-10-23  
[86] 2012-05-04 (PCT/US2012/036633)  
[87] (WO2012/151543)  
[30] US (61/482,911) 2011-05-05

[21] **2,834,274**  
[13] A1

[51] **Int.Cl. A61K 31/20 (2006.01) A61K 31/122 (2006.01) A61K 31/202 (2006.01) A61K 31/375 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01)**  
[25] EN  
[54] **NEURODEGENERATIVE DISORDERS AND MUSCLE DISEASES IMPLICATING PUFAS**  
[54] **MALADIES NEURODEGENERATIVES ET MALADIES MUSCULAIRES IMPLIQUANT DES ACIDES GRAS POLYINSATURES**  
[72] SHCHEPINOV, MIKHAIL SERGEEVICH, GB  
[71] RETROTOPE, INC., US  
[85] 2013-10-24  
[86] 2012-04-24 (PCT/US2012/034832)  
[87] (WO2012/148926)  
[30] US (61/479,270) 2011-04-26  
[30] US (61/479,269) 2011-04-26

[21] **2,834,276**  
[13] A1

[51] **Int.Cl. G06K 19/077 (2006.01)**  
[25] EN  
[54] **RFID SWITCH TAG**  
[54] **ETIQUETTE DE COMMUTATEUR D'IDENTIFICATION PAR RADIOFREQUENCE (RFID)**  
[72] MULLIS, JOE, US  
[72] NYALAMADUGU, SHESHI, US  
[71] NEOLOGY, INC., US  
[85] 2013-10-23  
[86] 2012-05-04 (PCT/US2012/036654)  
[87] (WO2012/154605)  
[30] US (61/483,586) 2011-05-06  
[30] US (61/487,372) 2011-05-18

[21] **2,834,278**  
[13] A1

[51] **Int.Cl. B29C 45/03 (2006.01)**  
[25] EN  
[54] **SELECTIVE ADJUSTMENT OF POSITION OF NOZZLE ASSEMBLY**  
[54] **REGLAGE SELECTIF DE LA POSITION D'UN ENSEMBLE BUSE**  
[72] LAWRENCE, THOMAS ANDREW, US  
[72] MERCER, TROY RICHARD, US  
[72] LEBLANC, DOUGLAS R., US  
[71] HUSKY INJECTION HOLDING SYSTEMS LTD., CA  
[85] 2013-10-23  
[86] 2012-05-08 (PCT/US2012/036887)  
[87] (WO2012/154716)  
[30] US (61/484,240) 2011-05-10

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[13] A1

[51] **Int.Cl. C12N 1/00 (2006.01) B01D 53/62 (2006.01) C12M 1/04 (2006.01) C12M 1/42 (2006.01) C12N 1/14 (2006.01) C12N 1/20 (2006.01) C12N 5/04 (2006.01) C12P 1/00 (2006.01) C12P 7/00 (2006.01)**

[25] EN

[54] **PROCESS USING EXHAUST GASES FOR EFFECTING GROWTH OF PHOTOTROPHIC BIOMASS**

[54] **PROCEDE UTILISANT DES GAZ D'ECHAPPEMENT POUR EFFECTUER UNE CROISSANCE D'UNE BIOMASSE PHOTOTROPHE**

[72] GONZALEZ, JAIME A., CA  
[72] KOLESNIK, MAX, CA  
[72] MARTIN, STEVEN C., CA  
[71] POND BIOFUELS INC., CA  
[85] 2013-10-25  
[86] 2012-04-27 (PCT/CA2012/000403)  
[87] (WO2012/145835)  
[30] US (13/095,490) 2011-04-27

[21] **2,834,280**  
[13] A1

[51] **Int.Cl. A61K 31/4427 (2006.01) A61K 31/435 (2006.01) A61P 25/00 (2006.01)**

[25] EN

[54] **METHODS OF ADMINISTERING ANATABINE TO TREAT AUTISM SPECTRUM DISORDERS AND SEIZURE DISORDERS**

[54] **PROCEDE D'ADMINISTRATION D'ANATABINE POUR TRAITER DES TROUBLES DU SPECTRE DE L'AUTISME ET DES TROUBLES DE CRISE D'EPILEPSIE**

[72] WILLIAMS, JONNIE R., JR., US  
[71] ROCK CREEK PHARMACEUTICALS, INC., US  
[85] 2013-10-24  
[86] 2012-04-27 (PCT/US2012/035425)  
[87] (WO2012/149295)  
[30] US (61/480,258) 2011-04-28  
[30] US (61/480,271) 2011-04-28

[21] **2,834,281**  
[13] A1

[51] **Int.Cl. C02F 1/00 (2006.01) B01D 24/14 (2006.01) B01D 61/14 (2006.01) B01D 63/02 (2006.01)**

[25] EN

[54] **WATER PURIFICATION DEVICE**

[54] **DISPOSITIF DE PURIFICATION DE L'EAU**

[72] VESTERGAARD FRANDSEN, MIKKEL, CH  
[72] FRAUCHIGER, DANIEL, CH  
[72] MADIER DE CHAMPVERMEIL, JEAN-LUC, FR  
[72] PASCAL, JEAN-MARC, FR  
[72] STOOPS, LUC, NL  
[71] LIFESTRAW SA, CH  
[85] 2013-10-25  
[86] 2011-04-27 (PCT/DK2011/050132)  
[87] (WO2012/146243)

[21] **2,834,282**  
[13] A1

[51] **Int.Cl. A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**

[25] EN

[54] **METHOD OF TREATING LYMPHOMA USING PYRIDOPYRIMIDINONE INHIBITORS OF PI3K/MTOR**

[54] **METHODE DE TRAITEMENT D'UN LYMPHOME A L'AIDE D'INHIBITEURS DE PYRIDOPYRIMIDINONE DE PI3K/MTOR**

[72] DECILLIS, ARTHUR, US  
[72] LAGER, JOANNE, US  
[72] ZAKS, TAL, US  
[71] EXELIXIS, INC., US  
[71] SANOFI, FR  
[85] 2013-10-24  
[86] 2012-04-27 (PCT/US2012/035442)  
[87] (WO2012/149308)  
[30] US (61/480,991) 2011-04-29  
[30] US (61/493,998) 2011-06-07  
[30] US (61/566,066) 2011-12-02

[21] **2,834,283**  
[13] A1

[51] **Int.Cl. A22C 29/02 (2006.01)**

[25] EN

[54] **SHRIMP PEELING MACHINE AND METHOD AND APPLICATION**

[54] **MACHINE A DECORTIQUER LES CREVETTES ET PROCEDE ET APPLICATION**

[72] VITTRUP, THOMAS, DK  
[71] VITTRUP, ANDERS, DK  
[85] 2013-10-25  
[86] 2012-04-11 (PCT/DK2012/000037)  
[87] (WO2012/146246)  
[30] DK (PA 2011 00324) 2011-04-27

[21] **2,834,284**  
[13] A1

[51] **Int.Cl. B65D 5/44 (2006.01) B31F 1/28 (2006.01) B65D 65/40 (2006.01)**

[25] EN

[54] **REINFORCEMENT FOR CONTAINER**

[54] **RENFORT POUR RECIPIENT**

[72] IRVIN, CYNTHIA A., US  
[72] BRADSHAW, DENNIS A., US  
[72] KASZUBOWSKI, ROBERT A., US  
[71] ADALIS CORPORATION, US  
[85] 2013-10-24  
[86] 2012-04-27 (PCT/US2012/035448)  
[87] (WO2012/149313)  
[30] US (13/097,666) 2011-04-29

[21] **2,834,285**  
[13] A1

[51] **Int.Cl. F02C 7/22 (2006.01) F02C 5/00 (2006.01) F02K 7/02 (2006.01) F23N 5/00 (2006.01) F23R 3/28 (2006.01) F23R 7/00 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR CONTROLLING A PRESSURE GAIN COMBUSTOR**

[54] **APPAREIL ET PROCEDE DE COMMANDE DE CHAMBRE DE COMBUSTION A GAIN DE PRESSION**

[72] FARSHCHIAN, SOHEIL, CA  
[71] EXPONENTIAL TECHNOLOGIES, INC., CA  
[85] 2013-10-25  
[86] 2012-04-27 (PCT/CA2012/000405)  
[87] (WO2012/145836)  
[30] US (61/481,117) 2011-04-29

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[21] **2,834,286**  
[13] A1

[51] **Int.Cl. A61K 38/07 (2006.01) A61P 25/00 (2006.01) A61P 25/14 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **METHODS OF TREATING ALZHEIMER'S DISEASE, HUNTINGTON'S DISEASE, AUTISM, AND OTHER DISORDERS**

[54] **PROCEDES DE TRAITEMENT DE LA MALADIE D'ALZHEIMER, DE LA MALADIE DE HUNTINGTON, DE L'AUTISME OU AUTRES TROUBLES**

[72] MOSKAL, JOSEPH, US  
[71] NORTHWESTERN UNIVERSITY, US  
[85] 2013-10-24  
[86] 2012-04-27 (PCT/US2012/035547)  
[87] (WO2012/149389)  
[30] US (61/479,593) 2011-04-27  
[30] US (61/527,744) 2011-08-26

[21] **2,834,287**  
[13] A1

[51] **Int.Cl. B32B 9/00 (2006.01)**

[25] EN

[54] **USE OF BORON TO REDUCE THE THERMAL CONDUCTIVITY OF UNBONDED LOOSEFILL INSULATION**

[54] **UTILISATION DE BORE POUR REDUIRE LA CONDUCTIVITE THERMIQUE D'UN ISOLANT EN VRAC NON ENCOLLE**

[72] EVANS, MICHAEL E., US  
[72] GAVIN, PATRICK M., US  
[72] COLANGELO, SCOTT E., US  
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US  
[85] 2013-10-24  
[86] 2012-04-02 (PCT/US2012/031816)  
[87] (WO2012/148633)  
[30] US (13/097,668) 2011-04-29

[21] **2,834,288**  
[13] A1

[51] **Int.Cl. A61K 39/21 (2006.01) C07K 14/16 (2006.01)**

[25] EN

[54] **TRUNCATED HIV ENVELOPE PROTEINS (ENV), METHODS AND COMPOSITIONS RELATED THERETO**

[54] **PROTEINES TRONQUEES D'ENVELOPPE (ENV) DU VIH, PROCEDES ET COMPOSITIONS ASSOCIES A CELLES-CI**

[72] KALYANARAMAN, VANIAMBADI, US  
[72] WHITNEY, STEPHEN, US  
[72] VANCOTT, THOMAS C., US  
[72] POLONIS, VICTORIA, US  
[72] ALVING, CARL, US  
[72] MATYAS, GARY R., US  
[72] RAO, MANGALA, US  
[72] MAROVICH, MARY, US  
[72] MCCUTCHAN, FRANCINE, US  
[72] TOVANABUTRA, SODSAI, US  
[72] SANDERS-BUELL, ERIC, US  
[71] ADVANCED BIOSCIENCE LABORATORIES, INC., US  
[71] HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE ARMY U.S. ARMY MEDICAL RESEARCH AND MATERIEL COMMAND OFFICE OF THE STAFF JUDGE ADVOCATE, US  
[85] 2013-10-24  
[86] 2012-04-25 (PCT/US2012/035026)  
[87] (WO2012/149038)  
[30] US (61/478,857) 2011-04-25

[21] **2,834,289**  
[13] A1

[51] **Int.Cl. G01B 9/02 (2006.01)**

[25] EN

[54] **IMPROVED IMAGING WITH REAL-TIME TRACKING USING OPTICAL COHERENCE TOMOGRAPHY**

[54] **IMAGERIE AMELIOREE A POINTAGE EN TEMPS REEL UTILISANT LA TOMOGRAPHIE PAR COHERENCE OPTIQUE (TCO)**

[72] KO, TONY H., US  
[72] LUO, XINGZHI, US  
[72] ZHAO, YONGHUA, US  
[72] JANG, BEN, US  
[71] OPTOVUE, INC., US  
[85] 2013-10-24  
[86] 2012-04-27 (PCT/US2012/035591)  
[87] (WO2012/149420)  
[30] US (61/481,055) 2011-04-29  
[30] US (13/458,531) 2012-04-27

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[21] **2,834,290**  
[13] A1

[51] **Int.Cl. C25C 3/08 (2006.01)**

[25] EN

[54] **METHOD FOR UNIFORMING DISTRIBUTION OF CURRENT IN ALUMINIUM LIQUID IN AN ALUMINUM ELECTROLYTIC TANK**

[54] **PROCEDE D'UNIFORMISATION DE LA DISTRIBUTION DE COURANT DANS UNE CELLULE D'ELECTROLYSE D'ALUMINIUM**

[72] ZHOU, DONGFANG, CN  
[72] YANG, XIAODONG, CN  
[72] LIU, YAFENG, CN  
[72] LIU, WEI, CN  
[72] ZOU, ZHIYONG, CN  
[72] LIU, MING, CN  
[72] HU, HONGWU, CN  
[72] ZHANG, QINSONG, CN  
[72] BAI, BIN, CN  
[71] CHINA ALUMINUM INTERNATIONAL ENGINEERING CORPORATION LIMITED, CN  
[85] 2013-10-25  
[86] 2012-04-26 (PCT/CN2012/000564)  
[87] (WO2012/146063)  
[30] CN (201110109943.4) 2011-04-29



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[21] **2,834,291**  
[13] A1

[51] **Int.Cl. C40B 50/06 (2006.01) C07H 21/00 (2006.01) C12N 15/10 (2006.01) C12Q 1/68 (2006.01) C40B 50/00 (2006.01) C40B 70/00 (2006.01) G01N 21/64 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR NUCLEIC ACID ANALYSIS**

[54] **PROCEDES ET COMPOSITIONS POUR L'ANALYSE D'ACIDE NUCLEIQUE**

[72] SAXONOV, SERGE, US

[71] BIORAD LABORATORIES, INC., US

[85] 2013-10-24

[86] 2012-04-25 (PCT/US2012/035030)

[87] (WO2012/149042)

[30] US (61/478,777) 2011-04-25

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[21] **2,834,292**  
[13] A1

[51] **Int.Cl. C25C 3/20 (2006.01)**

[25] EN

[54] **A METHOD USING ANODE ROD EQUIDISTANT VOLTAGE DROP TO PREDICT ANODE EFFECT**

[54] **PROCEDE FAISANT APPEL A UNE CHUTE DE TENSION EQUIDISTANTE D'UNE TIGE D'ANODE POUR PREVOIR UN EFFET D'ANODE**

[72] YANG, XIAODONG, CN

[72] ZHOU, DONGFANG, CN

[72] MA, ENJIE, CN

[72] ZHANG, QINSONG, CN

[72] FU, YONG, CN

[72] YIN, XIAOBAO, CN

[71] CHINA ALUMINUM INTERNATIONAL ENGINEERING CORPORATION LIMITED, CN

[85] 2013-10-25

[86] 2012-04-25 (PCT/CN2012/000553)

[87] (WO2012/146059)

[30] CN (201110109896.3) 2011-04-29

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[21] **2,834,293**  
[13] A1

[51] **Int.Cl. E21B 34/06 (2006.01) E21B 23/02 (2006.01) E21B 43/10 (2006.01)**

[25] EN

[54] **CASING RELIEF VALVE**

[54] **SOUPAPE DE SURPRESSION DE TUBAGE**

[72] MORRISON, JEFFERY, US

[71] WEATHERFORD/LAMB, INC., US

[85] 2013-10-24

[86] 2012-04-27 (PCT/US2012/035604)

[87] (WO2012/149431)

[30] US (61/481,102) 2011-04-29

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[21] **2,834,294**  
[13] A1

[51] **Int.Cl. E21B 34/02 (2006.01) E21B 33/122 (2006.01)**

[25] EN

[54] **CONTROLLED PRODUCTION AND INJECTION**

[54] **PRODUCTION ET INJECTION REGULEES**

[72] HAILEY, TRAVIS THOMAS, US

[72] SAETRE, GEIRMUND, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2013-10-24

[86] 2012-04-04 (PCT/US2012/032130)

[87] (WO2012/148640)

[30] US (13/094,051) 2011-04-26

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[21] **2,834,295**  
[13] A1

[51] **Int.Cl. A61F 9/00 (2006.01)**

[25] EN

[54] **EYE COVERING AND REFRACTIVE CORRECTION METHODS AND APPARATUS HAVING IMPROVED TEAR FLOW, COMFORT, AND/OR APPLICABILITY**

[54] **ELEMENT DE RECOUVREMENT D'UN OEIL ET PROCEDES ET APPAREIL DE CORRECTION REGRACTIVE PRESENTANT UN ECOULEMENT DE LARME, UN CONFORT ET/OU UNE APTITUDE A L'APPLICATION AMELIORES**

[72] DE JUAN, EUGENE JR., US

[72] REICH, CARY J., US

[72] ALSTER, YAIR, US

[72] CLARKE, MATT, US

[72] TUAN, KUANGMON ASHLEY, US

[72] LEVY, BRIAN, US

[71] NEXISVISION, INC., US

[85] 2013-10-24

[86] 2012-04-25 (PCT/US2012/035050)

[87] (WO2012/149056)

[30] US (61/480,222) 2011-04-28

[30] US (61/507,971) 2011-07-14

[30] US (61/636,404) 2012-04-20

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[21] **2,834,296**  
[13] A1

[51] **Int.Cl. G08B 13/189 (2006.01)**

[25] EN

[54] **TERRAIN SURVEILLANCE SYSTEM**

[54] **SYSTEME DE SURVEILLANCE DE TERRAIN**

[72] GUETTA, AVISHAY, IL

[72] YAGUDAEV, MICHAEL, IL

[72] KORNGUT, DORON, IL

[71] SHILAT OPTRONICS LTD, IL

[85] 2013-10-25

[86] 2012-05-03 (PCT/IL2012/000181)

[87] (WO2012/150590)

[30] US (61/481,775) 2011-05-03

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[21] **2,834,297**  
[13] A1

[51] **Int.Cl. B32B 27/38 (2006.01) C09D 5/44 (2006.01)**  
[25] EN  
[54] **COATING COMPOSITIONS, METHODS AND COATED DEVICES**  
[54] **COMPOSITIONS DE REVETEMENT, PROCEDES ET DISPOSITIFS REVETUS**  
[72] SHUKLA, ANITA, US  
[72] HAMMOND, PAULA T., US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 2013-10-24  
[86] 2012-04-27 (PCT/US2012/035689)  
[87] (WO2012/149492)  
[30] US (61/479,525) 2011-04-27

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[21] **2,834,298**  
[13] A1

[51] **Int.Cl. G08B 25/00 (2006.01) G08B 13/24 (2006.01) G08B 25/10 (2006.01) G08B 29/16 (2006.01) G08B 29/18 (2006.01)**  
[25] EN  
[54] **A METHOD AND A SYSTEM FOR SUPERVISING INTRUDER ALARM SYSTEMS**  
[54] **PROCEDE ET SYSTEME POUR SUPERVISER DES SYSTEMES D'ALARME D'INTRUS**  
[72] HOVANG, DAN, SE  
[71] SECURITAS DIRECT AB, SE  
[85] 2013-10-25  
[86] 2012-06-29 (PCT/EP2012/062687)  
[87] (WO2013/004613)  
[30] EP (11172384.7) 2011-07-01

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[21] **2,834,299**  
[13] A1

[51] **Int.Cl. C07D 301/00 (2006.01)**  
[25] EN  
[54] **PROCESS FOR IMPROVING THE SELECTIVITY OF AN EO CATALYST**  
[54] **PROCEDE D'AMELIORATION DE LA SELECTIVITE D'UN CATALYSEUR D'OXYDE D'ETHYLENE**  
[72] EVANS, WAYNE ERROL, US  
[72] KOBE, JEFFREY MICHAEL, US  
[72] MATUSZ, MAREK, US  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2013-10-24  
[86] 2012-04-26 (PCT/US2012/035106)  
[87] (WO2012/149098)  
[30] US (61/480,581) 2011-04-29

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[21] **2,834,300**  
[13] A1

[51] **Int.Cl. C07K 1/22 (2006.01)**  
[25] EN  
[54] **WASH SOLUTION AND METHOD FOR AFFINITY CHROMATOGRAPHY**  
[54] **SOLUTION DE LAVAGE ET PROCEDE POUR UNE CHROMATOGRAPHIE D'AFFINITE**  
[72] FRAUENSCHUH, ACHIM, CH  
[71] NOVARTIS AG, CH  
[85] 2013-10-25  
[86] 2012-05-31 (PCT/EP2012/060313)  
[87] (WO2012/164046)  
[30] US (61/492,092) 2011-06-01

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[21] **2,834,301**  
[13] A1

[51] **Int.Cl. A61K 47/24 (2006.01) A61K 8/58 (2006.01) A61K 31/573 (2006.01) A61K 31/593 (2006.01) A61P 17/06 (2006.01)**  
[25] EN  
[54] **TREATMENT OF PSORIASIS**  
[54] **TRAITEMENT DU PSORIASIS**  
[72] CARLSSON, ANDERS, SE  
[72] HERSLOF, BENGT, SE  
[72] HOLMBACK, JAN, SE  
[71] LIPIDOR AB, SE  
[85] 2013-10-25  
[86] 2012-04-30 (PCT/SE2012/000061)  
[87] (WO2012/150892)  
[30] SE (1100340-7) 2011-05-02

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[21] **2,834,302**  
[13] A1

[51] **Int.Cl. C10G 45/22 (2006.01) C10G 65/04 (2006.01) C10G 65/12 (2006.01)**  
[25] EN  
[54] **LIQUID-FULL HYDROPROCESSING TO IMPROVE SULFUR REMOVAL USING ONE OR MORE LIQUID RECYCLE STREAMS**  
[54] **HYDROTRAITEMENT EN REACTEUR REMPLI DE LIQUIDE POUR AMELIORER L'ELIMINATION DU SOUFRE A L'AIDE D'UN OU PLUSIEURS COURANTS DE RECYCLAGE LIQUIDES**  
[72] DINDI, HASAN, US  
[72] MURILLO, LUIS EDUARDO, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2013-10-24  
[86] 2012-04-30 (PCT/US2012/035817)  
[87] (WO2012/149541)  
[30] US (13/096,309) 2011-04-28

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[21] **2,834,303**  
[13] A1

[51] **Int.Cl. C10L 5/44 (2006.01) C10B 53/02 (2006.01) C10L 9/08 (2006.01) F26B 17/20 (2006.01)**  
[25] EN  
[54] **METHOD OF TORREFACTION OF A BIOMASS COMPRISING THE STEP OF COOLING THE TORREFACTION REACTION**  
[54] **PROCEDE DE TORREFACTION D'UNE BIOMASSE COMPRENANT UNE ETAPE DE REFROIDISSEMENT DE LA REACTION DE TORREFACTION**  
[72] OLOFSSON, INGEMAR, SE  
[72] NORDWAEGER, MARTIN, SE  
[72] NORDIN, ANDERS, SE  
[72] HAKANSSON, KATARINA, SE  
[71] BIOENDEV AB, SE  
[85] 2013-10-25  
[86] 2012-05-16 (PCT/SE2012/050525)  
[87] (WO2012/158110)  
[30] SE (1150465-1) 2011-05-18

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[21] **2,834,304**  
[13] A1

[51] **Int.Cl. H01J 37/32 (2006.01)**  
[25] FR  
[54] **FACILITY FOR MICROWAVE TREATMENT OF A LOAD**  
[54] **INSTALLATION DE TRAITEMENT MICRO-ONDE D'UNE CHARGE**  
[72] GRANDEMENGE, ADRIEN, FR  
[72] JACOMINO, JEAN-MARIE, FR  
[72] RADOIU, MARILENA, FR  
[72] LATRASSE, LOUIS, FR  
[71] SAIREM SOCIETE POUR L'APPLICATION INDUSTRIELLE DE LA RECHERCHE EN ELECTRONIQUE ET MICRO ONDES, FR  
[85] 2013-10-25  
[86] 2012-04-25 (PCT/FR2012/050903)  
[87] (WO2012/146870)  
[30] FR (11/53587) 2011-04-27

[21] **2,834,305**  
[13] A1

[51] **Int.Cl. C10G 45/22 (2006.01) B01J 8/04 (2006.01) C10G 65/04 (2006.01) C10G 65/12 (2006.01)**  
[25] EN  
[54] **HYDROPROCESSING PROCESS USING INCREASING CATALYST VOLUME ALONG SUCCESSIVE CATALYST BEDS IN LIQUID-FULL REACTORS**  
[54] **PROCEDE D'HYDROTRAITEMENT UTILISANT UN VOLUME DE CATALYSEUR CROISSANT LE LONG DE LITS DE CATALYSEUR SUCCESSIFS DANS DES REACTEURS REMPLIS DE LIQUIDE**  
[72] DINDI, HASAN, US  
[72] LAMB, BRIAN PAUL, US  
[72] MURILLO, LUIS EDUARDO, US  
[72] BOEGER, BRIAN, US  
[72] CATON, JEFFREY D., US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2013-10-24  
[86] 2012-04-30 (PCT/US2012/035823)  
[87] (WO2012/149542)  
[30] US (13/097,694) 2011-04-29

[21] **2,834,306**  
[13] A1

[51] **Int.Cl. C10L 5/44 (2006.01) C10B 53/02 (2006.01) C10L 9/08 (2006.01) F25J 3/06 (2006.01) F26B 21/10 (2006.01)**  
[25] EN  
[54] **METHOD OF COOLING A TORREFIED MATERIAL**  
[54] **PROCEDE DE REFROIDISSEMENT D'UN MATERIAU TORREFIE**  
[72] NORDIN, ANDERS, SE  
[72] POMMER, LINDA, SE  
[72] HAKANSSON, KATARINA, SE  
[72] OLOFSSON, INGEMAR, SE  
[72] NORDWAEGER, MARTIN, SE  
[71] BIOENDEV AB, SE  
[85] 2013-10-25  
[86] 2012-05-16 (PCT/SE2012/050526)  
[87] (WO2012/158111)  
[30] SE (1150457-8) 2011-05-18

[21] **2,834,308**  
[13] A1

[51] **Int.Cl. A23D 9/007 (2006.01) A23D 9/013 (2006.01)**  
[25] EN  
[54] **DISPERSION OF TRIGLYCERIDES**  
[54] **DISPERSION DE TRIGLYCERIDES**  
[72] WASSELL, PAUL, GB  
[72] FARMER, MARK, CH  
[72] WARNER, STUART ANDREW, DK  
[72] BECH, ALLAN TORBEN, DK  
[72] YOUNG, NIAL W. G., DK  
[72] BONWICK, GRAHAM, GB  
[72] SMITH, CHRISTOPHER, GB  
[72] FORREST, BRAD ALEXANDER, AU  
[71] DUPONT NUTRITION BIOSCIENCES APS, DK  
[85] 2013-10-25  
[86] 2012-06-08 (PCT/GB2012/051292)  
[87] (WO2012/168723)  
[30] GB (1109653.4) 2011-06-09  
[30] US (61/497,732) 2011-06-16

[21] **2,834,309**  
[13] A1

[51] **Int.Cl. E03B 1/04 (2006.01)**  
[25] EN  
[54] **A WATER RECIRCULATION SYSTEM**  
[54] **SYSTEME DE RECIRCULATION D'EAU**  
[72] SAVAGE, NIGEL CHARLES, GB  
[71] SAVAGE, NIGEL CHARLES, GB  
[85] 2013-10-25  
[86] 2012-04-27 (PCT/GB2012/050933)  
[87] (WO2012/150446)  
[30] GB (1107310.3) 2011-05-03  
[30] GB (1202163.0) 2012-02-08

[21] **2,834,310**  
[13] A1

[51] **Int.Cl. C08G 18/28 (2006.01) C08G 18/10 (2006.01) C08G 18/66 (2006.01) C08G 18/75 (2006.01) C08L 75/08 (2006.01) C09D 7/00 (2006.01)**  
[25] FR  
[54] **NONIONIC ASSOCIATIVE THICKENERS CONTAINING CYCLOHEXYL OL ALKYL, FORMULATIONS CONTAINING SAME AND USES THEREOF**  
[54] **EPAISSISSANTS NON IONIQUES ASSOCIATIFS CONTENANT DES ALKYL CYCLOHEXYLOLS, FORMULATIONS LES CONTENANT ET LEURS UTILISATIONS**  
[72] SUAU, JEAN-MARC, FR  
[72] RUHLMANN, DENIS, FR  
[71] COATEX, FR  
[85] 2013-10-25  
[86] 2012-06-12 (PCT/FR2012/051315)  
[87] (WO2012/172249)  
[30] FR (1155156) 2011-06-14

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[21] **2,834,311**  
[13] A1

[51] **Int.Cl. A23D 7/005 (2006.01) A23D 7/01 (2006.01) C11C 3/02 (2006.01)**  
[25] EN  
[54] **SPREAD**  
[54] **PATE A TARTINER**  
[72] WASELL, PAUL, GB  
[72] FARMER, MARK, CH  
[72] WARNER, STUART ANDREW, DK  
[72] BECH, ALLAN TORBEN, DK  
[72] YOUNG, NIALL W. G., DK  
[72] BONWICK, GRAHAM, GB  
[72] SMITH, CHRISTOPHER, GB  
[71] DUPONT NUTRITION BIOSCIENCES APS, DK  
[85] 2013-10-25  
[86] 2012-06-08 (PCT/GB2012/051294)  
[87] (WO2012/168724)  
[30] GB (1109652.6) 2011-06-09  
[30] US (61/497,737) 2011-06-16

[21] **2,834,312**  
[13] A1

[51] **Int.Cl. B61D 25/00 (2006.01)**  
[25] EN  
[54] **GLAZING FOR A RAIL VEHICLE**  
[54] **VITRAGE POUR VEHICULE FERROVIAIRE**  
[72] CALOMFIRESCU, MIHAIL, DE  
[72] PEUKER-SJOGREN, CLAUDIA, DE  
[72] SCHMACKE, MICHAEL, DE  
[71] SIEMENS AKTIENGESSELLSCHAFT, DE  
[85] 2013-10-25  
[86] 2012-03-22 (PCT/EP2012/055049)  
[87] (WO2012/146442)  
[30] DE (10 2011 017 823.6) 2011-04-29

[21] **2,834,313**  
[13] A1

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[54] **INTEGRITY MONITORING OF CONDUITS**  
[54] **SURVEILLANCE DE L'INTEGRITE DE CONDUITS**  
[72] ROY, JAMES EDWARD, CA  
[72] KELLEY, CHRISTOPHER JOHN, GB  
[71] OPTASENSE HOLDINGS LIMITED, GB  
[85] 2013-10-25  
[86] 2012-05-04 (PCT/GB2012/050982)  
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[25] EN  
[54] **RECEPTACLE CONNECTOR BETWEEN CONTROLLER AND LIGHTING FIXTURE**  
[54] **CONNECTEUR A BOITIER PLACE ENTRE UN DISPOSITIF DE COMMANDE ET UN APPAREIL D'ECLAIRAGE**  
[72] CREIGHTON, JASON, US  
[72] ILYES, LASZLO, US  
[72] ABOUMRAD, TONY, US  
[72] AURONGZEB, DEEDER, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2013-10-24  
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[87] (WO2012/151339)  
[30] US (13/101,577) 2011-05-05  
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[25] EN  
[54] **APPAREL INCORPORATING A PROTECTIVE ELEMENT**  
[54] **VETEMENTS INCORPORANT UN ELEMENT DE PROTECTION**  
[72] TURNER, DAVID, US  
[71] NIKE INTERNATIONAL LTD., US  
[85] 2013-10-24  
[86] 2012-05-16 (PCT/US2012/038174)  
[87] (WO2012/158816)  
[30] US (13/111,461) 2011-05-19

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[54] **BALE WIRE CUTTER**  
[54] **DISPOSITIF DE DECOUPAGE DE FIL DE FER DE CERCLAGE**  
[72] KERN, FRANK, DE  
[72] JONEN, INGO, DE  
[72] LIEDEMANN, STEPHAN, DE  
[71] VOITH PATENT GMBH, DE  
[85] 2013-10-25  
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[25] EN  
[54] **BOLT ON DRIVE ASSEMBLY FOR A CORE DRILL WITH HIGH STRENGTH SPOKED REINFORCER WITH ADAPTER**  
[54] **BOULON SUR UN ENSEMBLE D'ENTRAINEMENT POUR UN CAROTTIER POSSEDANT UN RENFORT A RAYON A HAUTE RESISTANCE EQUIPE D'UN ADAPTATEUR**  
[72] BARATTA, ANTHONY, US  
[71] WESTERN SAW MANUFACTURERS, INC., US  
[85] 2013-10-25  
[86] 2011-04-26 (PCT/US2011/000748)  
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[54] **NEBULIZER**  
[54] **NEBULISEUR**  
[72] HOLAKOVSKY, HOLGER, DE  
[72] WITTE, FLORIAN, DE  
[72] HERRMANN, FRANK, DE  
[72] SEARS, CHARLES WILLIAM, US  
[72] CATINELLA, CHRISTOPHER MICHAEL, US  
[72] GONZALEZ, MARIO ALBERTO, US  
[72] PHILIPS, SEAN LANDIS, US  
[72] BERTRAM, PAUL, US  
[72] ROHRSCHEIDER, MARC, DE  
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
[85] 2013-10-24  
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[54] **STRUCTURE A SECTION D'INSERTION DE LARYNGOSCOPE**  
[72] MCGRATH, MATTHEW JOHN  
ROSS, GB  
[72] INGLIS, PETER DOUGLAS COLIN, GB  
[71] AIRCRAFT MEDICAL LIMITED, GB  
[85] 2013-10-25  
[86] 2011-05-13 (PCT/GB2011/050924)  
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[30] GB (1008023.2) 2010-05-13  
[30] GB (1017294.8) 2010-10-13  
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[25] EN  
[54] **PROCESSES FOR MAKING CX-CY OLEFINS FROM C5 AND C6 PARAFFINS**  
[54] **PROCEDES DE FABRICATION D'OLEFINES EN CX-CY A PARTIR DE PARAFFINES EN C5 ET C6**  
[72] MAJUMDER, DEBARSHI, US  
[72] SOHN, STEPHEN WAYNE, US  
[72] GLOVER, BRYAN K., US  
[72] BOZZANO, ANDREA G., US  
[71] UOP LLC, US  
[85] 2013-10-24  
[86] 2012-06-07 (PCT/US2012/041193)  
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[30] US (13/186,205) 2011-07-19

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[25] EN  
[54] **POLYURETHANE FOAM AND METHOD FOR PRODUCING SAME**  
[54] **MOUSSE DE POLYURETHANNE ET PROCEDE DE FABRICATION DE LADITE MOUSSE**  
[72] LINDNER, STEFAN, DE  
[72] FRIEDERICHS, WOLFGANG, DE  
[72] STREY, REINHARD, DE  
[72] SOTTMANN, THOMAS, DE  
[72] ENGELEN, DIANA, DE  
[72] CHALBI, AGNES, DE  
[72] BECKER, NILS, DE  
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE  
[85] 2013-10-25  
[86] 2012-04-24 (PCT/EP2012/057427)  
[87] (WO2012/146568)  
[30] DE (10 2011 050 013.8) 2011-04-29

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[51] **Int.Cl. C10L 5/44 (2006.01) C10L 9/08 (2006.01) F26B 23/00 (2006.01)**  
[25] EN  
[54] **METHOD AND AN ARRANGEMENT FOR EFFICIENT TORREFACTION OF BIOMASS**  
[54] **PROCEDE ET AGENCEMENT POUR LA TORREFACTION EFFICACE D'UNE BIOMASSE**  
[72] OLOFSSON, INGEMAR, SE  
[72] NORDWAEGER, MARTIN, SE  
[72] NORDIN, ANDERS, SE  
[72] HAKANSSON, KATARINA, SE  
[71] BIOENDEV AB, SE  
[85] 2013-10-25  
[86] 2012-05-16 (PCT/SE2012/050531)  
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[13] A1

[51] **Int.Cl. B64C 1/40 (2006.01)**  
[25] EN  
[54] **FLIGHT VEHICLE FAIRING HAVING VIBRATION-DAMPING BLANKETS**  
[54] **CARENAGE DE VEHICULE VOLANT POURVU D'ENVELOPPES D'AMORTISSEMENT DE VIBRATION**  
[72] CHRISTENSON, JUSTIN, US  
[72] HOFFMAN, HERBERT L., US  
[72] LIN, JUHN-SHYUE, US  
[72] CHEWNING, GARY R., US  
[72] LANDMANN, ALAN EDGAR, US  
[72] VIISOREANU, ADRIAN, US  
[72] POLING, HUGH, US  
[72] ANNAMALAI, BALAMURUGAN R., US  
[72] KEARNS, JUSTIN D., US  
[72] GORDON, JASON A., US  
[71] THE BOEING COMPANY, US  
[85] 2013-10-24  
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[87] (WO2013/003099)  
[30] US (13/169,295) 2011-06-27

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[13] A1

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[25] EN  
[54] **COUNTERCURRENT OXYGEN ENHANCED TORREFACTION**  
[54] **TORREFACTION AMELIOREE PAR INTRODUCTION D'OXYGENE A CONTRE-COURANT**  
[72] OLOFSSON, INGEMAR, SE  
[72] NORDWAEGER, MARTIN, SE  
[72] SANDSTROM, ERIK, SE  
[72] POMMER, LINDA, SE  
[72] NORDIN, ANDERS, SE  
[71] BIOENDEV AB, SE  
[85] 2013-10-25  
[86] 2012-05-16 (PCT/SE2012/050534)  
[87] (WO2012/158118)  
[30] SE (1150462-8) 2011-05-18  
[30] SE (1150463-6) 2011-05-18  
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[25] EN

[54] **POLYURETHANE FOAM AND METHOD FOR PRODUCING SAME**

[54] **MOUSSE POLYURETHANE ET PROCEDE DE PRODUCTION DE LADITE MOUSSE POLYURETHANE**

[72] STEINMEISTER, DIRK, DE  
[72] MOERS, STEPHAN, DE  
[72] LINDNER, STEFAN, DE  
[72] FRIEDERICHS, WOLFGANG, DE  
[72] STRATER, JURGEN, DE  
[71] BAYER INTELLECTUAL PROPERTY GMBH, DE  
[85] 2013-10-25  
[86] 2012-04-24 (PCT/EP2012/057433)  
[87] (WO2012/146571)  
[30] DE (10 2011 050 014.6) 2011-04-29

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[25] EN

[54] **METHOD FOR MONITORING AND CONTROL OF TORREFACTION TEMPERATURE**

[54] **PROCEDE DE SURVEILLANCE ET DE CONTROLE D'UNE TEMPERATURE DE TORREFACTION**

[72] OLOFSSON, INGEMAR, SE  
[72] NORDWAEGER, MARTIN, SE  
[71] BIOENDEV AB, SE  
[85] 2013-10-25  
[86] 2012-05-16 (PCT/SE2012/050529)  
[87] (WO2012/158114)  
[30] SE (1150461-0) 2011-05-18

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/485 (2006.01)**

[25] EN

[54] **NEW ABUSE-RESISTANT PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF OPIOID DEPENDENCE**

[54] **NOUVELLE COMPOSITION PHARMACEUTIQUE RESISTANTE A L'UTILISATION ABUSIVE POUR LE TRAITEMENT D'UNE DEPENDANCE AUX OPIOIDES**

[72] FISCHER, ANDREAS, SE  
[71] OREXO AB, SE  
[85] 2013-11-22  
[86] 2012-09-18 (PCT/GB2012/052303)  
[87] (WO2013/041851)  
[30] US (61/536,180) 2011-09-19

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[51] **Int.Cl. B22F 9/06 (2006.01) C22C 14/00 (2006.01)**

[25] EN

[54] **LOW COST PROCESSING TO PRODUCE SPHERICAL TITANIUM AND TITANIUM ALLOY POWDER**

[54] **TRAITEMENT A FAIBLE COUT PERMETTANT DE PRODUIRE UNE POUDRE DE TITANE SPHERIQUE ET D'ALLIAGE DE TITANE**

[72] WITHERS, JAMES C., US  
[72] LOUTFY, RAOUF, US  
[71] MATERIALS & ELECTROCHEMICAL RESEARCH CORP., US  
[85] 2013-10-25  
[86] 2012-04-13 (PCT/US2012/033652)  
[87] (WO2012/148714)  
[30] US (61/517,871) 2011-04-27

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[51] **Int.Cl. B60L 11/04 (2006.01) B60K 6/46 (2007.10) B60L 11/12 (2006.01) B60L 11/14 (2006.01) B60W 10/06 (2006.01) H02J 7/14 (2006.01)**

[25] EN

[54] **A DRIVE TRAIN FOR A HYBRID ELECTRIC VEHICLE AND A METHOD OF OPERATING SUCH A DRIVE TRAIN**

[54] **TRANSMISSION POUR VEHICULE ELECTRIQUE HYBRIDE ET PROCEDE DE FONCTIONNEMENT D'UNE TELLE TRANSMISSION**

[72] PLANT, DANIEL, GB  
[72] OFFER, GREGORY, GB  
[72] SILVERSIDES, RICHARD WILLIAM, GB  
[71] IMPERIAL INNOVATIONS LIMITED, GB  
[85] 2013-10-25  
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[30] GB (1107280.8) 2011-04-28

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[51] **Int.Cl. B65D 51/16 (2006.01) B65D 17/34 (2006.01)**

[25] EN

[54] **BEVERAGE CONTAINER LID WITH MOUTH OPENING AND SEPARATE PUSH IN VENT**

[54] **COUVERCLE DE CONTENANT DE BOISSON AYANT UNE OUVERTURE DE COL ET UN EVENT SEPRE A POUSSER VERS L'INTERIEUR**

[72] THIEMANN, DANIEL ALAN, CA  
[72] TOMS, RAY ALAN, US  
[71] COORS BREWING COMPANY, US  
[85] 2013-10-25  
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[54] **METHODS FOR INCREASING THE PALATABILITY OF FOOD COMPOSITIONS**

[54] **METHODE D'AMELIORATION DU GOUT DE COMPOSITIONS ALIMENTAIRES**

[72] GIBSON, GLENN EARL, US

[71] NESTEC S.A., CH

[85] 2013-10-25

[86] 2012-04-20 (PCT/US2012/034423)

[87] (WO2012/148809)

[30] US (61/518,083) 2011-04-29

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[51] **Int.Cl. A61N 1/378 (2006.01)**

[25] EN

[54] **IMPLANTABLE MEDICAL DEVICE CHARGING**

[54] **CHARGE D'UN DISPOSITIF MEDICAL IMPLANTABLE**

[72] JOSHI, HIMANSHU, US

[71] CYBERONICS, INC., US

[85] 2013-10-25

[86] 2012-04-19 (PCT/US2012/034150)

[87] (WO2012/148765)

[30] US (13/096,805) 2011-04-28

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[51] **Int.Cl. A01H 5/00 (2006.01) C12N 15/82 (2006.01)**

[25] EN

[54] **METHOD FOR CONTROLLING WEEDS IN A FIELD OF COTTON PLANTS**

[54] **METHODE DE LUTTE CONTRE LES MAUVAISES HERBES DANS UN CHAMP DE PLANTS DE COTON**

[72] RICHBURG, JOHN S., US

[72] WRIGHT, TERRY R., US

[72] BRAXTON, LEON B., US

[72] ROBINSON, ANDREW E., US

[71] DOW AGROSCIENCES LLC, US

[85] 2013-10-25

[86] 2012-04-20 (PCT/US2012/034523)

[87] (WO2012/148820)

[30] US (61/479,538) 2011-04-27

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[51] **Int.Cl. G06F 9/44 (2006.01) G06F 3/048 (2013.01)**

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[54] **APPLICATION CONTROL IN ELECTRONIC DEVICES**

[54] **COMMANDE D'APPLICATION DANS DES DISPOSITIFS ELECTRONIQUES**

[72] SMITH, MICHAEL, GB

[72] YAP, SHEEN, GB

[72] RUSSELL, TIM, GB

[72] JOYCE, KEVIN, GB

[72] JOHNSTONE, KEN, GB

[72] EGER, NICOLA, GB

[72] GUPTA, ALEXIS, GB

[71] INQ ENTERPRISES LIMITED, BS

[85] 2013-10-25

[86] 2012-04-30 (PCT/GB2012/000397)

[87] (WO2012/146900)

[30] GB (1107273.3) 2011-04-28

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[54] **FAUCET VALVE CARTRIDGE**

[54] **CARTOUCHE POUR SOUPEPE DE DECHARGE**

[72] PITSCH, WALTER, US

[72] XIAN, GUANG YI, CN

[71] AS IP HOLDCO, L.L.C., US

[85] 2013-10-25

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[30] US (61/479,392) 2011-04-26

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[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01) D04B 1/08 (2006.01) D04B 21/00 (2006.01) D04B 21/12 (2006.01)**

[25] EN

[54] **A PROSTHETIC DEVICE HAVING DIAGONAL YARNS AND METHOD OF MANUFACTURING THE SAME**

[54] **DISPOSITIF PROTHETIQUE COMPORTANT DES FILS EN DIAGONALE ET SON PROCEDE DE FABRICATION**

[72] MORTARINO, ENRICO, US

[71] ALLERGAN, INC., US

[85] 2013-10-25

[86] 2012-04-17 (PCT/US2012/033943)

[87] (WO2012/148735)

[30] US (13/093,651) 2011-04-25

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[13] A1

[51] **Int.Cl. C07D 263/04 (2006.01) A01N 43/76 (2006.01) A01N 43/82 (2006.01) A01P 17/00 (2006.01) C07C 233/36 (2006.01) C07D 291/04 (2006.01)**

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[54] **PESTICIDAL DIARYL-HETEROCYCLYL DERIVATIVES**

[54] **DERIVES DIARYL-HETEROCYCLYLE PESTICIDES**

[72] HATAZAWA, MAMORU, JP

[72] MURATA, TETSUYA, JP

[72] BRUECHNER, PETER, DE

[72] YAMAZAKI, DAIEI, JP

[72] SHIMOJO, EIICHI, JP

[72] ICHIHARA, TERUYUKI, JP

[72] SHIBUYA, KATSUHIKO, JP

[72] ISHIKAWA, TADASHI, JP

[71] BAYER INTELLECTUAL PROPERTY GMBH, DE

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[25] EN

[54] **GALVANICALLY ISOLATED VOLTAGE MEASUREMENT**

[54] **MESURE DE TENSION ISOLEE PAR VOIE GALVANIQUE**

[72] SYKES, IAN, GB

[72] SZAJDZICKA, JULIA, GB

[72] CLAY, PAUL, GB

[71] NORTHERN DESIGN (ELECTRONICS) LIMITED, GB

[85] 2013-10-25

[86] 2012-04-26 (PCT/GB2012/050913)

[87] (WO2012/146923)

[30] GB (1106980.4) 2011-04-27

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[13] A1

[51] **Int.Cl. G06Q 50/30 (2012.01)**

[25] EN

[54] **TRACKING FEEDS IN A SOCIAL NETWORK**

[54] **SUIVI DES FLUX DANS UN RESEAU SOCIAL**

[72] BORGGAARD, GEOFFREY, US

[72] POPOV, IVAYLO VLADIMIROV, US

[71] GOOGLE INC., US

[85] 2013-10-25

[86] 2012-04-24 (PCT/US2012/034830)

[87] (WO2012/148924)

[30] US (61/480,492) 2011-04-29

[30] US (13/109,762) 2011-05-17

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[13] A1

[51] **Int.Cl. F21V 19/00 (2006.01) F21K 99/00 (2010.01)**

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[54] **LIGHT BULB WITH LOOP ILLUMINATION ELEMENT**

[54] **AMPOULE DOTE E D'UN ELEMMENT D'ECLAIRAGE A BOUCLE**

[72] MCGUIRE, KENNETH STEPHEN, US

[72] STEINHARDT, MARK JOHN, US

[72] BISCHOFF, COREY MICHAEL, US

[72] SAWICKI, EDWARD MACK, US

[72] HASENOEHRL, ERIK JOHN, US

[72] BECK, BENJAMIN JAMES, US

[72] MARSDEN, DOUGLAS A., US

[72] PAGE, CHRISTOPHER JAMES, US

[71] THE PROCTOR & GAMBLE COMPANY, US

[85] 2013-10-25

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[51] **Int.Cl. A61K 31/20 (2006.01) A61K 31/122 (2006.01) A61K 31/202 (2006.01) A61K 31/375 (2006.01) A61P 27/00 (2006.01) A61P 27/02 (2006.01)**

[25] EN

[54] **OXIDATIVE RETINAL DISEASES**

[54] **RETINOPATHIES OXYDATIVES**

[72] SHCHEPINOV, MIKHAIL SERGEEVICH, GB

[71] RETROTOPE, INC., US

[85] 2013-10-25

[86] 2012-04-24 (PCT/US2012/034836)

[87] (WO2012/148930)

[30] US (61/479,281) 2011-04-26

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[13] A1

[51] **Int.Cl. A61K 31/20 (2006.01) A61K 31/122 (2006.01) A61K 31/192 (2006.01) A61K 31/202 (2006.01)**

[25] EN

[54] **IMPAIRED ENERGY PROCESSING DISORDERS AND MITOCHONDRIAL DEFICIENCY**

[54] **TROUBLES DE TRAITEMENT COMPROMIS DE L'ENERGIE ET DEFICIENCES MITOCHONDRIALES**

[72] SHCHEPINOV, MIKHAIL SERGEEVICH, GB

[71] RETROTOPE, INC., US

[85] 2013-10-25

[86] 2012-04-24 (PCT/US2012/034833)

[87] (WO2012/148927)

[30] US (61/479,288) 2011-04-26

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[51] **Int.Cl. A61K 31/20 (2006.01) A61K 31/122 (2006.01) A61K 31/185 (2006.01) A61K 31/201 (2006.01) A61P 1/00 (2006.01) A61P 1/16 (2006.01)**

[25] EN

[54] **DISORDERS IMPLICATING PUFA OXIDATION**

[54] **TROUBLES IMPLIQUANT L'OXYDATION DES ACIDES GRAS POLYINSATURES (PUFA)**

[72] SHCHEPINOV, MIKHAIL SERGEEVICH, GB

[71] RETROTOPE, INC., US

[85] 2013-10-25

[86] 2012-04-24 (PCT/US2012/034835)

[87] (WO2012/148929)

[30] US (61/479,306) 2011-04-26

[30] US (61/479,311) 2011-04-26



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[21] **2,834,344**  
[13] A1

[51] **Int.Cl. A61B 8/10 (2006.01)**  
[25] EN  
[54] **PHACOEMULSIFICATION SYSTEMS AND ASSOCIATED USER-INTERFACES AND METHODS**

[54] **SYSTEMES DE PHACOEMULSIFICATION ET INTERFACES UTILISATEUR ET PROCEDES ASSOCIES**

[72] TEODORESCU, DAN, US  
[72] BOUKHNY, MIKHAIL, US  
[72] SALEHI, AHMAD, US  
[71] ALCON RESEARCH, LTD., US  
[85] 2013-10-25  
[86] 2012-04-25 (PCT/US2012/034924)  
[87] (WO2012/161913)  
[30] US (13/113,520) 2011-05-23

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[21] **2,834,345**  
[13] A1

[51] **Int.Cl. G01R 11/02 (2006.01) G01R 11/04 (2006.01)**  
[25] EN  
[54] **ELECTRICAL MEASUREMENT APPARATUS HAVING A DETECTOR PROVIDING AN IDENTIFICATION SIGNAL AND CORRESPONDING METHOD**

[54] **APPAREIL DE MESURE ELECTRIQUE DOTE D'UN DETECTEUR FOURNISSANT UN SIGNAL D'IDENTIFICATION ET PROCEDE CORRESPONDANT**

[72] SYKES, IAN, GB  
[72] SZAJDZICKA, JULIA, GB  
[72] CLAY, PAUL, GB  
[71] NORTHERN DESIGN (ELECTRONICS) LIMITED, GB  
[85] 2013-10-25  
[86] 2012-04-26 (PCT/GB2012/050914)  
[87] (WO2012/146924)  
[30] GB (1106993.7) 2011-04-27

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[21] **2,834,346**  
[13] A1

[51] **Int.Cl. G01F 1/05 (2006.01) G01D 4/00 (2006.01) G01D 5/14 (2006.01) G01F 15/06 (2006.01) G01F 15/075 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SUPPLYING ELECTRICITY TO A METER BY THE HELP OF A READING DEVICE**

[54] **PROCEDE ET APPAREIL POUR FOURNIR DE L'ELECTRICITE A UN COMPTEUR A L'AIDE D'UN DISPOSITIF DE LECTURE**

[72] STENSON, MICHAEL, US  
[72] DUNCAN, JAMES, US  
[71] SENSUS USA INC., US  
[85] 2013-10-25  
[86] 2012-04-23 (PCT/US2012/034671)  
[87] (WO2012/148851)  
[30] US (13/094,474) 2011-04-26

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[21] **2,834,347**  
[13] A1

[51] **Int.Cl. A61B 5/15 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PHLEBOTOMY THROUGH A PERIPHERAL IV CATHETER**

[54] **SYSTEMES ET PROCEDES POUR UNE PHLEBOTOMIE PAR UN CATHETER INTRA VEINEUX PERIPHERIQUE**

[72] DEVGON, PITAMBER, US  
[71] DEVGON, PITAMBER, US  
[85] 2013-10-24  
[86] 2012-04-26 (PCT/US2012/035122)  
[87] (WO2012/149109)  
[30] US (61/479,223) 2011-04-26  
[30] US (13/234,857) 2011-09-16

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[13] A1

[51] **Int.Cl. F21V 21/22 (2006.01) F21K 99/00 (2010.01) F21V 19/02 (2006.01)**  
[25] EN  
[54] **STEMMED LIGHTING ASSEMBLY WITH DISK-SHAPED ILLUMINATION ELEMENT**

[54] **ENSEMBLE D'ECLAIRAGE SUR PIED DOTE D'UN ELEMENT D'ECLAIRAGE DISCOIDE**

[72] MCGUIRE, KENNETH STEPHEN, US  
[72] STEINHARDT, MARK JOHN, US  
[72] BISCHOFF, COREY MICHAEL, US  
[72] SAWICKI, EDWARD MACK, US  
[72] HASENOEHL, ERIK JOHN, US  
[72] BECK, BENJAMIN JANES, US  
[72] MARSDEN, DOUGLAS A., US  
[72] PAGE, CHRISTOPHER JAMES, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2013-10-25  
[86] 2011-04-26 (PCT/US2011/033918)  
[87] (WO2012/148384)

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[13] A1

[51] **Int.Cl. A61K 39/385 (2006.01) A61K 9/127 (2006.01) A61K 39/145 (2006.01) A61P 37/04 (2006.01)**  
[25] EN  
[54] **LIPOSOMAL FORMULATIONS**

[54] **FORMULATIONS LIPOSOMALES**

[72] FUJII, GARY, US  
[72] ERNST, WILLIAM A., US  
[72] ADLER-MOORE, JILL, US  
[72] VICIAN, LINDA, US  
[71] MOLECULAR EXPRESS, INC., US  
[85] 2013-10-25  
[86] 2012-04-25 (PCT/US2012/035034)  
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[30] US (61/479,302) 2011-04-26

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[13] A1  
[51] **Int.Cl. H04Q 5/22 (2006.01) G08C 19/14 (2006.01) G08C 19/16 (2006.01)**  
[25] EN  
[54] **WIRELESS SENSOR READER**  
[54] **LECTEUR A CAPTEUR SANS FIL**  
[72] NAGY, MICHAEL, US  
[72] ROWLAND, HARRY, US  
[72] WATKINS, ROGER, US  
[72] SUNDARAM, BALAMURUGAN, US  
[71] ENDOTRONIX, INC., US  
[85] 2013-10-25  
[86] 2012-04-25 (PCT/US2012/034979)  
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[30] US (61/478,647) 2011-04-25  
[30] US (13/423,693) 2012-03-19

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[13] A1  
[51] **Int.Cl. G06Q 10/00 (2012.01) H04N 5/76 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR COLLABORATIVE UPLOAD OF CONTENT**  
[54] **PROCEDE ET APPAREIL DE TELECHARGEMENT DE CONTENU EN COLLABORATION**  
[72] VAN COPPENOLLE, BART, BE  
[72] VANDORMAEL, PHILIP, BE  
[71] RIGHT BRAIN INTERFACE N.V., BE  
[85] 2013-10-25  
[86] 2012-04-25 (PCT/EP2012/057585)  
[87] (WO2012/146627)  
[30] US (61/479,648) 2011-04-27  
[30] US (61/540,259) 2011-09-28  
[30] US (61/540,812) 2011-09-29  
[30] EP (PCT/EP2011/068485) 2011-10-21

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[13] A1  
[51] **Int.Cl. B60Q 1/26 (2006.01)**  
[25] EN  
[54] **LUMINESCENT BICYCLE**  
[54] **BICYCLETTE LUMINESCENTE**  
[72] SMITH, FORREST, US  
[71] SMITH, FORREST, US  
[85] 2013-10-24  
[86] 2012-04-27 (PCT/US2012/035333)  
[87] (WO2012/149240)  
[30] US (13/096,241) 2011-04-28

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[21] **2,834,353**  
[13] A1  
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 38/14 (2006.01) A61P 31/04 (2006.01)**  
[25] EN  
[54] **LIPOSOMAL VANCOMYCIN FOR THE TREATMENT OF MRSA INFECTIONS**  
[54] **VANCOMYCINE LIPOSOMALE POUR LE TRAITEMENT D'INFECTIONS PAR MRSA**  
[72] LIU, GEORGE Y., US  
[72] OMRI, ABDEL, CA  
[72] SANDE, LINETTE, US  
[71] CEDARS-SINAI MEDICAL CENTER, US  
[85] 2013-10-25  
[86] 2012-04-26 (PCT/US2012/035134)  
[87] (WO2012/149116)  
[30] US (61/479,305) 2011-04-26

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[21] **2,834,354**  
[13] A1  
[51] **Int.Cl. G07F 9/00 (2006.01) G07F 9/10 (2006.01) G07F 11/46 (2006.01)**  
[25] EN  
[54] **ADA COMPLIANCE IN VENDING MACHINES**  
[54] **COMPATIBILITE ADA DANS DES DISTRIBUTEURS AUTOMATIQUES**  
[72] CANTER, JAMES M., US  
[72] DOOM, TROY, US  
[71] CRANE MERCHANDISING SYSTEMS, INC., US  
[85] 2013-10-25  
[86] 2012-04-26 (PCT/US2012/035291)  
[87] (WO2012/149215)  
[30] US (61/479,287) 2011-04-26

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[13] A1  
[51] **Int.Cl. A61K 31/4035 (2006.01) A61K 38/00 (2006.01) A61K 45/06 (2006.01)**  
[25] EN  
[54] **METHODS AND COMPOSITIONS USING PDE4 INHIBITORS FOR THE TREATMENT AND MANAGEMENT OF AUTOIMMUNE AND INFLAMMATORY DISEASES**  
[54] **METHODES ET COMPOSITIONS UTILISANT DES INHIBITEURS DE LA PHOSPHODIESTERASE 4 (PDE4) POUR LE TRAITEMENT ET LA PRISE EN CHARGE DE MALADIES AUTO-IMMUNES ET INFLAMMATOIRES**  
[72] SCHAFER, PETER H., US  
[72] GANDHI, ANITA, US  
[72] CAPONE, LORI, US  
[71] CELGENE CORPORATION, US  
[85] 2013-10-25  
[86] 2012-04-27 (PCT/US2012/035359)  
[87] (WO2012/149251)  
[30] US (61/480,263) 2011-04-28

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[21] **2,834,356**  
[13] A1  
[51] **Int.Cl. C01G 49/00 (2006.01) C01G 49/06 (2006.01) C22B 3/06 (2006.01) C22B 3/24 (2006.01) C22B 3/46 (2006.01)**  
[25] EN  
[54] **METHODS FOR PREPARING HEMATITE**  
[54] **PROCEDES D'OBTENTION D'HEMATITE**  
[72] BOUDREAU, RICHARD, CA  
[72] FOURNIER, JOEL, CA  
[72] GAUTHIER, LAURY, CA  
[71] ORBITE ALUMINAE INC., CA  
[85] 2013-11-22  
[86] 2012-06-04 (PCT/CA2012/000541)  
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[30] US (61/493,018) 2011-06-03

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[13] A1

[51] **Int.Cl. E21B 10/62 (2006.01) E21B 10/16 (2006.01)**

[25] EN

[54] **METHODS OF ATTACHING ROLLING CUTTERS IN FIXED CUTTER BITS USING SLEEVE, COMPRESSION SPRING, AND/OR PIN(S)/BALL(S)**

[54] **PROCEDES DE FIXATION DE LAMES ROULANTES DANS DES OUTILS A LAMES FIXES AU MOYEN D'UN MANCHON, D'UN RESSORT DE COMPRESSION ET/OU D'UNE OU PLUSIEURS GOUPILLES/BILLES**

[72] BURHAN, YURI, US  
[72] YU, JIAQING, US  
[72] ZHANG, YOUHE, US  
[72] SHEN, YUELIN, US  
[72] FULENCHEK, JONAN M., US  
[71] SMITH INTERNATIONAL, INC., US  
[85] 2013-10-25  
[86] 2012-04-26 (PCT/US2012/035140)  
[87] (WO2012/149120)  
[30] US (61/479,151) 2011-04-26  
[30] US (61/556,454) 2011-11-07

[21] **2,834,358**  
[13] A1

[51] **Int.Cl. H02K 15/02 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR ELECTRIC MOTOR CONSTRUCTION**

[54] **SYSTEMES ET PROCEDES POUR LA CONSTRUCTION DE MOTEURS ELECTRIQUES**

[72] KNAPP, JOHN M., US  
[72] CAIN, SEAN A., US  
[72] PESEK, SERGIO A., US  
[72] TRAN, THIEN Q., US  
[72] PARMETER, LARRY J., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2013-10-25  
[86] 2012-04-27 (PCT/US2012/035370)  
[87] (WO2012/149258)  
[30] US (13/097,417) 2011-04-29

[21] **2,834,359**  
[13] A1

[51] **Int.Cl. F16K 1/18 (2006.01) F16K 3/04 (2006.01) F16K 3/30 (2006.01)**

[25] EN

[54] **DOUBLE FLAP VALVE WITH QUICK-CHANGE REPLACEABLE WEAR SURFACE**

[54] **SOUPAPE A DOUBLE CLAPET POSSEDANT UNE SURFACE D'USURE INTERCHANGEABLE A REMPLACEMENT RAPIDE**

[72] SURPRENANT, DEAN, US  
[72] GUAY, KEVIN, US  
[71] PLATTCO CORPORATION, US  
[85] 2013-10-25  
[86] 2012-04-26 (PCT/US2012/035171)  
[87] (WO2012/149132)  
[30] US (61/479,147) 2011-04-26

[21] **2,834,360**  
[13] A1

[51] **Int.Cl. E21B 34/14 (2006.01) E21B 21/10 (2006.01) F16K 15/08 (2006.01) F16K 17/06 (2006.01)**

[25] EN

[54] **ANNULAR RELIEF VALVE**

[54] **SOUPAPE DE SURPRESSION D'ESPACE ANNULAIRE**

[72] LIRETTE, BRENT J., US  
[72] LOGIUDICE, MICHAEL, US  
[72] RIBBLE, GEORGE W., US  
[72] WIND, STEPHANIE DIANNE, US  
[72] TILTON, FREDERICK T., US  
[71] WEATHERFORD/LANB, INC., US  
[85] 2013-10-25  
[86] 2012-04-27 (PCT/US2012/035606)  
[87] (WO2012/149433)  
[30] US (61/481,135) 2011-04-29  
[30] US (61/535,840) 2011-09-16  
[30] US (61/583,085) 2012-01-04  
[30] US (61/605,568) 2012-03-01

[21] **2,834,361**  
[13] A1

[51] **Int.Cl. F03D 9/00 (2006.01) F03D 7/04 (2006.01)**

[25] EN

[54] **WIND POWER GENERATION SYSTEM, DEVICE USING WIND POWER GENERATION SYSTEM, AND METHOD FOR OPERATING SAME**

[54] **SYSTEME GENERATEUR D'ENERGIE EOLIENNE, DISPOSITIF UTILISANT UN SYSTEME GENERATEUR D'ENERGIE EOLIENNE ET PROCEDE D'UTILISATION DE CE SYSTEME**

[72] AZEGAMI, KENICHI, JP  
[72] SAKAMOTO, KIYOSHI, JP  
[72] YANAGIBASHI, TAKUJI, JP  
[72] MATSUNOBU, TAKASHI, JP  
[71] HITACHI, LTD., JP  
[85] 2013-10-25  
[86] 2011-04-25 (PCT/JP2011/002399)  
[87] (WO2012/147118)

[21] **2,834,362**  
[13] A1

[51] **Int.Cl. A23G 1/32 (2006.01) A23G 1/00 (2006.01) A23G 1/50 (2006.01)**

[25] EN

[54] **COCOA NUGGETS AND METHOD OF MAKING SAME**

[54] **BEIGNETS DE CACAO ET LEUR PROCEDE DE FABRICATION**

[72] WANG, XIAOYING, US  
[71] THE HERSHEY COMPANY, US  
[85] 2013-10-25  
[86] 2012-04-27 (PCT/US2012/035374)  
[87] (WO2012/149261)  
[30] US (61/479,887) 2011-04-28

[21] **2,834,363**  
[13] A1

[51] **Int.Cl. H01R 25/00 (2006.01) H01R 29/00 (2006.01) H01R 35/04 (2006.01)**

[25] EN

[54] **RECONFIGURABLE PLUG STRIP**

[54] **BARRETTE DE FICHE RECONFIGURABLE**

[72] ZIEN, JACOB DANIEL, US  
[72] DIATLO, JORDAN, US  
[72] REMY, STEVEN RICHARD, US  
[72] VALLON, KATE SARAH, US  
[71] QUIRKY INCORPORATED, US  
[85] 2013-10-25  
[86] 2011-09-14 (PCT/US2011/051522)  
[87] (WO2012/148440)  
[30] US (13/095,167) 2011-04-27

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[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01)**  
[25] EN  
[54] **BACTERIAL MRNA SCREEN STRATEGY FOR NOVEL PESTICIDE-ENCODING NUCLEIC ACID MOLECULE DISCOVERY**  
[54] **STRATEGIE DE CRIBLAGE D'ARNM BACTERIEN POUR LA DECOUVERTE DE NOUVELLES MOLECULES D'ACIDES NUCLEIQUES CODANT UN PESTICIDE**  
[72] ABAD, ANDRE R., US  
[72] KAPKA-KITZMAN, DEIRDRE M., US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2013-10-25  
[86] 2012-04-30 (PCT/US2012/035740)  
[87] (WO2012/151145)  
[30] US (61/481,442) 2011-05-02

[21] **2,834,365**  
[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 38/17 (2006.01) A61K 47/30 (2006.01) A61K 47/48 (2006.01) A61K 48/00 (2006.01)**  
[25] EN  
[54] **POROUS NANOPARTICLE-SUPPORTED LIPID BILAYERS (PROTOCELLS) FOR TARGETED DELIVERY AND METHODS OF USING SAME**  
[54] **BICOUCHES LIPIDIQUES SUPPORTEES SUR DES NANOPARTICULES POREUSES (PROTOCELLULES) POUR L'ADMINISTRATION CIBLEE, ET PROCEDES D'UTILISATION ASSOCIES**  
[72] BRINKER, JEFFREY C., US  
[72] CARNES, ERIC C., US  
[72] ASHLEY, CARLEE ERIN, US  
[71] SANDIA CORPORATION, US  
[71] STC.UNM, US  
[85] 2013-10-25  
[86] 2012-04-27 (PCT/US2012/035529)  
[87] (WO2012/149376)  
[30] US (61/479,847) 2011-04-28

[21] **2,834,366**  
[13] A1

[51] **Int.Cl. A61B 5/1455 (2006.01)**  
[25] EN  
[54] **TISSUE CLAMP FOR NONINVASIVE PHYSIOLOGICAL MEASUREMENT**  
[54] **PINCE A TISSU POUR MESURE PHYSIOLOGIQUE NON INVASIVE**  
[72] ISAACSON, PHILIP O., US  
[72] JONES, BRYANT AUSTIN, US  
[72] JOHNSON, TIMOTHY L., US  
[72] HOLLAND, CHRISTOPHER, US  
[72] PRIOR, MATTHEW, US  
[71] NONIN MEDICAL, INC., US  
[85] 2013-10-25  
[86] 2012-04-26 (PCT/US2012/035224)  
[87] (WO2012/149168)  
[30] US (61/479,544) 2011-04-27

[21] **2,834,368**  
[13] A1

[51] **Int.Cl. A61K 31/436 (2006.01) A61P 9/12 (2006.01)**  
[25] EN  
[54] **USE OF FK506 FOR THE TREATMENT OF PULMONARY ARTERIAL HYPERTENSION**  
[54] **UTILISATION DE FK506 POUR TRAITEMENT D'HYPERTENSION ARTERIELLE PULMONAIRE**  
[72] SPIEKERKOEETTER, EDDA, US  
[72] RABINOVITCH, MARLENE, US  
[72] BEACHY, PHILIP A., US  
[72] SOLOW-CORDERO, DAVID, US  
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US  
[85] 2013-10-25  
[86] 2012-04-30 (PCT/US2012/035793)  
[87] (WO2012/151153)  
[30] US (61/481,317) 2011-05-02

[21] **2,834,369**  
[13] A1

[51] **Int.Cl. G01F 1/00 (2006.01) G01F 1/84 (2006.01) G01F 15/075 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PREVENTING FALSE FLOW MEASUREMENTS IN A VIBRATING METER**  
[54] **SYSTEME ET PROCEDE PERMETTANT D'EVITER DES MESURES DE DEBIT ERRONEES DANS UN COMPTEUR A VIBRATIONS**  
[72] WEINSTEIN, JOEL, US  
[72] PRUYSEN, AART R., NL  
[72] JONES, STEVEN M., US  
[72] HOUGHTON, JOHN ANSDELL, GB  
[71] MICRO MOTION, INC., US  
[85] 2013-10-25  
[86] 2012-04-27 (PCT/US2012/035587)  
[87] (WO2012/161922)  
[30] US (61/488,944) 2011-05-23

[21] **2,834,370**  
[13] A1

[51] **Int.Cl. G07F 9/00 (2006.01) G07F 9/02 (2006.01) G07F 11/00 (2006.01)**  
[25] EN  
[54] **SYNCHRONIZATION OF TIME CRITICAL ACTIVITIES ACROSS VENDING MACHINE NETWORKS**  
[54] **SYNCHRONISATION D'ACTIVITES PRIORITAIRES DANS DES RESEAUX DE DISTRIBUTEURS AUTOMATIQUES**  
[72] CANTER, JAMES M., US  
[72] ROYAL, WILLIAM C., US  
[72] DOOM, TROY, US  
[72] BLACHMAN, STEVEN, US  
[71] CRANE MERCHANDISING SYSTEMS, INC., US  
[85] 2013-10-25  
[86] 2012-04-26 (PCT/US2012/035289)  
[87] (WO2012/149213)  
[30] US (61/479,289) 2011-04-26  
[30] US (61/479,286) 2011-04-26

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[13] A1  
[51] **Int.Cl. B66F 3/25 (2006.01) B66F 3/12 (2006.01)**  
[25] EN  
[54] **SCISSOR LIFT**  
[54] **TABLE ELEVATRICE A CISEAUX**  
[72] SWASEY, MERIN, US  
[72] KIRBY, TYLER, US  
[71] BOOMERANG SYSTEMS, INC., US  
[85] 2013-10-25  
[86] 2012-03-25 (PCT/US2012/030492)  
[87] (WO2012/135078)  
[30] US (61/467,947) 2011-03-25

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[13] A1  
[51] **Int.Cl. H01M 2/22 (2006.01) H01M 2/26 (2006.01) H01M 4/74 (2006.01)**  
[25] EN  
[54] **STACKING AND SEALING CONFIGURATIONS FOR ENERGY STORAGE DEVICES**  
[54] **CONFIGURATIONS D'EMPILEMENT ET DE SCHELEMENT POUR DISPOSITIFS DE STOCKAGE D'ENERGIE**  
[72] CLARK, MILES, US  
[72] CHERISOL, KENNETH, US  
[72] REGALADO, JULIUS, US  
[72] WEST, JON K., US  
[72] ZHOU, XIN, US  
[72] GORDON, JOSHUA, US  
[72] CITTA, MYLES, US  
[72] CITTA, NELSON, US  
[71] G4 SYNERGETICS, INC., US  
[85] 2013-10-25  
[86] 2012-04-27 (PCT/US2012/035652)  
[87] (WO2012/149467)  
[30] US (61/481,059) 2011-04-29  
[30] US (61/481,067) 2011-04-29

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[21] **2,834,373**  
[13] A1  
[51] **Int.Cl. C07K 16/22 (2006.01) A61P 27/02 (2006.01)**  
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[72] WANG, YI-ZHONG, US  
[72] BARTLETT, MICHAEL B., US  
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[54] **PROCEDES DE MODIFICATION GENOMIQUE**  
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[72] HORWITZ, ANDREW, US  
[71] AMYRIS, INC., US  
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[25] EN  
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[54] **ANTICORPS DE NEUTRALISATION CONTRE VIRUS NIPAH ET HENDRA**  
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[72] STEFFEN, DEBORAH L., US  
[72] XU, KAI, US  
[72] NIKOLOV, DIMITAR B., US  
[71] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US  
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[54] **SYSTEMES ET METHODES DE FIXATION ET DE REPARATION TISSULAIRES**  
[72] BENTLEY, ISHMAEL, US  
[72] BRADY, DALE, US  
[72] DALEY, EMILY, US  
[72] LANCIAL, MICHAEL E., US  
[72] WALES, LAWRENCE W., US  
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[25] EN	[25] EN	[25] EN
[54] <b>PRODUCTION OF MEVALONATE, ISOPRENE, AND ISOPRENOIDS USING GENES ENCODING POLYPEPTIDES HAVING THIOLASE, HMG-COA SYNTHASE AND HMG-COA REDUCTASE ENZYMATIC ACTIVITIES</b>	[54] <b>EXTRUDED PLASTICS PROFILES COMPRISING CONTINUOUSLY INTRODUCED INSULATION ELEMENTS</b>	[54] <b>BACILLUS BACTERIA FOR USE IN TREATING AND PREVENTING INFECTION IN AQUATIC ANIMALS</b>
[54] <b>PRODUCTION DE MEVALONATE, D'ISOPRENE ET D'ISOPRENOIDES AU MOYEN DE GENES CODANT DES POLYPEPTIDES A ACTIVITE ENZYMATIQUE THIOLASE, HMG-COA SYNTHASE ET HMG-COA REDUCTASE</b>	[54] <b>PROFILES EXTRUDES EN MATIERE PLASTIQUE, CONTENANT DES ELEMENTS ISOLANTS INTRODUITS EN CONTINU</b>	[54] <b>BACTERIES BACILLUS A UTILISER DANS TRAITEMENT ET PREVENTION D'INFECTION CHEZ DES ANIMAUX AQUATIQUES</b>
[72] BECK, ZACHARY Q., US	[72] MOHMEYER, NILS, DE	[72] TERHUNE, JEFFERY, US
[72] MILLER, MICHAEL C., US	[72] GAUKESBRINK, ULRICH, DE	[72] LILES, MARK, US
[72] PERES, CAROLINE M., US	[72] GRIESER-SCHMITZ, CHRISTOF, DE	[72] KLOEPPER, JOSEPH, US
[72] PRIMAK, YULIYA A., US	[72] KROGMANN, JORG, DE	[71] AUBURN UNIVERSITY, US
[72] PUCCI, JEFF P., US	[71] BASF SE, DE	[85] 2013-10-25
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[71] THE GOODYEAR TIRE & RUBBER COMPANY, US	[86] 2012-04-26 (PCT/EP2012/057690)	[87] (WO2012/149549)
[71] DANISCO US INC., US	[87] (WO2012/146676)	[30] US (61/480,622) 2011-04-29
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	[25] EN	[25] EN
	[54] <b>TOPICAL ORGANIC ACID SALT COMPOSITIONS SUITABLE FOR TREATING INFECTIONS</b>	[54] <b>METHODS OF IDENTIFICATION AND DIAGNOSIS OF LUNG DISEASES USING CLASSIFICATION SYSTEMS AND KITS THEREOF</b>
	[54] <b>COMPOSITIONS DE SELS D'ACIDE ORGANIQUE POUR ADMINISTRATION LOCALE ADAPTEES AU TRAITEMENT DES INFECTIONS</b>	[54] <b>PROCEDES D'IDENTIFICATION ET DE DIAGNOSTIC DE MALADIES PULMONAIRES A L'AIDE DE SYSTEMES DE CLASSIFICATION ET LEURS KITS</b>
	[72] MLADENOVICH, PETER, CA	[72] STREEPER, ROBERT T., US
	[72] LOUGHEED, WILLIAM D., CA	[72] IZBICKA, ELZBIETA, US
	[71] BIOCEPTA CORPORATION, CA	[72] MICHALEK, JOEL, US
	[85] 2013-05-10	[72] LOUDEN, CHRIS, US
	[86] 2010-11-12 (PCT/CA2010/001812)	[71] CANCER PREVENTION AND CURE, LTD., US
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SOURCE SEISMIC DATA**  
[54] **FILTRAGE A VARIATION DE  
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SISMIQUES DE SOURCES  
SIMULTANEEES**  
[72] HUO, SHOUDONG, SA  
[72] XU, HAL, SA  
[71] SAUDI ARABIAN OIL COMPANY,  
SA  
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DE-INKING PRINTED SURFACES**  
[54] **APPAREIL ET PROCEDE POUR  
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[72] FULLER, RON, US  
[71] FULLER, RON, US  
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MEDICAL IMPLANTABLE**  
[72] JOSHI, HIMANSHU, US  
[72] CHOW, ERIC Y., US  
[72] WARREN, CLINT B., US  
[71] CYBERONICS, INC., US  
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[54] **NOUVEAUX INHIBITEURS DE  
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[72] LEYSEN, DIRK, BE  
[72] DEFERT, OLIVIER, BE  
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[72] ALEN, JO, BE  
[72] BOURIN, ARNAUD PIERRE JEAN,  
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[72] FUTRELL, JOHN, US  
[71] THE FUTURE 33 LLC, US  
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[25] EN  
[54] **INTERACTIVE CONTROL OF  
ALARM SYSTEMS BY  
TELEPHONE INTERFACE USING  
AN INTERMEDIATE GATEWAY**  
[54] **COMMANDE INTERACTIVE DE  
SYSTEMES D'ALARME PAR  
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[72] GREGORY, MICHAEL, US  
[71] NUMEREX CORP., US  
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[54] **WIRELESS DETONATORS WITH  
STATE SENSING, AND THEIR USE**  
[54] **DETONATEURS SANS FIL A  
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[72] LOWNDS, CHARLES MICHAEL, US  
[72] PIEL, WALTER HARDY, DE  
[71] ORICA INTERNATIONAL PTE LTD,  
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[54] **PROCESS DEVICE WITH LIGHT  
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[54] **DISPOSITIF DE TRAITEMENT  
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[72] JOHNSON, JAMES, US  
[72] NELSON, RICHARD, US  
[71] ROSEMOUNT INC., US  
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[54] **PLAQUE METALLIQUE A BASE DE FE ET SON PROCEDE DE FABRICATION**

[72] INAGUMA, TOORU, JP  
[72] TOMITA, MIHO, JP  
[72] SAKAMOTO, HIROAKI, JP  
[72] MIZUHARA, YOUJI, JP  
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP  
[85] 2013-10-24  
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[30] JP (2011-100014) 2011-04-27  
[30] JP (2011-101893) 2011-04-28  
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[54] **SINGLE PH PROCESS FOR STARCH LIQUEFACTION AND SACCHARIFICATION FOR HIGH-DENSITY GLUCOSE SYRUPS**

[54] **PROCEDE DE LIQUEFACTION ET DE SACCHARIFICATION DE L'AMIDON A LA MEME VALEUR DE PH EN VUE D'OBTENIR DES SIROPS DE GLUCOSE HAUTE DENSITE**

[72] LEE, SUNG HO, US  
[72] SHETTY, JAYARAMA K., US  
[72] TEUNISSEN, PAULA JOHANNA MARIA, US  
[71] DANISCO US INC., US  
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[51] **Int.Cl. G01B 11/24 (2006.01) G01B 11/25 (2006.01)**

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[54] **METHOD FOR THE AUTOMATED DETECTION OF INDIVIDUAL PARTS OF A COMPLEX DIFFERENTIAL STRUCTURE**

[54] **PROCEDE DE DETECTION AUTOMATIQUE DE PIECES INDIVIDUELLES D'UNE STRUCTURE DIFFERENTIELLE COMPLEXE**

[72] GRIGOLEIT, MICHAEL, DE  
[72] THOMASCHESKI, OLIVER, DE  
[72] HEIDEN, RENE, DE  
[71] LUFTHANSA TECHNIK AG, DE  
[85] 2013-10-25  
[86] 2012-05-07 (PCT/EP2012/058328)  
[87] (WO2012/152734)  
[30] DE (10 2011 100 919.5) 2011-05-09

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[54] **COMPOSITIONS AND METHODS**

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[72] ROY, HEMANT K., US  
[72] WALL, RAMESH K., US  
[72] KUNTE, DHANANJAY, US  
[71] NORTHSHORE UNIVERSITY HEALTHSYSTEM, US  
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[54] **A PROCESS FOR PREPARING A DEHYDRATED FOOD COMPOSITION**

[54] **PROCEDE DE FABRICATION D'UNE COMPOSITION ALIMENTAIRE DESHYDRATEE**

[72] BECK, STEPHANIE, DE  
[72] REUSS, TANJA, DE  
[71] UNILEVER PLC, GB  
[85] 2013-10-25  
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[13] A1

[51] **Int.Cl. G01N 7/00 (2006.01)**

[25] EN

[54] **SAMPLE CONTAINERS ADAPTED FOR ACOUSTIC EJECTIONS AND SAMPLE PRESERVATION AND METHODS THEREOF**

[54] **RECIPIENTS A ECHANTILLON APPROPRIES POUR LES EJECTIONS ACOUSTIQUES ET LA PRESERVATION DES ECHANTILLONS, ET PROCEDES DE PRESERVATION DES ECHANTILLONS.**

[72] ELLSON, RICHARD N., US  
[72] OLECHNO, JOSEPH D., US  
[72] KUIMELIS, ROBERT G., US  
[71] LABCYTE INC., US  
[85] 2013-10-25  
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[87] (WO2012/149314)  
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[25] EN  
[54] **BLOOD TREATMENT APPARATUS ADAPTED TO PRESERVE PARTS THEREOF**  
[54] **APPAREIL DE TRAITEMENT DU SANG ADAPTE A PRESERVER DES PARTIES DE CELUI-CI**  
[72] HERTZ, THOMAS, SE  
[72] HOLMER, MATTIAS, SE  
[72] JONSSON, LENNART, SE  
[72] WIESLANDER, ANDERS, SE  
[72] JEPPSSON, HELENA, SE  
[71] GAMBRO LUNDIA AB, SE  
[85] 2013-10-25  
[86] 2012-05-23 (PCT/EP2012/059520)  
[87] (WO2012/163737)  
[30] US (61/490,633) 2011-05-27  
[30] SE (1150493-3) 2011-05-27

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[13] A1

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[25] EN  
[54] **FECAL LACTOFERRIN AS A BIOMARKER FOR DETERMINING DISEASE SEVERITY AND FOR MONITORING INFECTION IN PATIENTS WITH CLOSTRIDIUM DIFFICILE DISEASE**  
[54] **LACTOFERRINE FECALE EN TANT QUE BIOMARQUEUR POUR LA DETERMINATION DE LA SEVERITE D'UNE MALADIE ET POUR LA SURVEILLANCE D'UNE INFECTION CHEZ DES PATIENTS ATTEINTS PAR UNE MALADIE PAR CLOSTRIDIUM DIFFICILE**  
[72] BOONE, JAMES HUNTER, US  
[72] LYERLY, DAVID M., US  
[72] WILKINS, TRACY D., US  
[72] CARMAN, ROBERT J., US  
[71] TECHLAB, INC., US  
[85] 2013-10-25  
[86] 2012-04-27 (PCT/US2012/035495)  
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[30] US (61/480,616) 2011-04-29  
[30] US (13/457,064) 2012-04-26  
[30] US (13/457,049) 2012-04-26

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[13] A1

[51] **Int.Cl. G01B 7/34 (2006.01)**  
[25] EN  
[54] **SURFACE MEASUREMENT SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE MESURE D'UNE SURFACE**  
[72] BITZEL, RAYMOND, US  
[72] JONES, JOHNATHAN, US  
[71] WHEELABRATOR GROUP, INC., US  
[85] 2013-10-25  
[86] 2012-06-22 (PCT/US2012/043723)  
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[54] **CLOSTRIDIUM DIFFICILE ANTIGENS**  
[54] **ANTIGENES DE CLOSTRIDIUM DIFFICILE**  
[72] HAN, XIAOBING, CA  
[72] JOHNSTONE, DARRELL, CA  
[72] TIGHE, BONNIE, CA  
[72] LOPEZ, MARIANELA, CA  
[72] GEORGE, JOYEE, CA  
[72] BERRY, JODY, CA  
[71] CANGENE CORPORATION, CA  
[85] 2013-06-28  
[86] 2011-12-29 (PCT/US2011/067806)  
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[25] EN  
[54] **TISSUE THICKNESS COMPENSATOR COMPRISING PORTIONS HAVING DIFFERENT PROPERTIES**  
[54] **COMPENSATEUR D'EPaisseur DE TISSU PRESENTANT DES PARTIES POSSEDANT DIFFERENTES PROPRIETES**  
[72] SHELTON, IV FREDERICK E., US  
[72] RHEE, SORA, US  
[72] BAXTER, III CHESTER O., US  
[72] ARONHALT, TAYLOR W., US  
[71] ETHICON ENDO-SURGERY, INC., US  
[85] 2013-10-25  
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[25] EN  
[54] **ANTI-CD40 ANTIBODIES AND METHODS OF USE**  
[54] **ANTICORPS ANTI-CD40 ET LEURS PROCEDES D'UTILISATION**  
[72] ZHANG, YONGKE, US  
[72] YU, GUO-LIANG, US  
[72] ZHU, WEIMIN, US  
[71] APEXIGEN, INC., US  
[85] 2013-10-25  
[86] 2012-04-27 (PCT/US2012/035502)  
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[30] US (61/480,863) 2011-04-29  
[30] US (61/622,435) 2012-04-10

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[51] **Int.Cl. E04B 2/02 (2006.01) B32B 7/04 (2006.01) B32B 27/04 (2006.01) E04C 1/40 (2006.01) E04C 2/24 (2006.01)**

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[72] NAIDOO, KUBASHEN JEROME, AU  
[71] FBM LICENCE LIMITED, AU  
[85] 2013-10-28  
[86] 2011-10-11 (PCT/AU2011/001293)  
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[30] AU (2010904524) 2010-10-11  
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[30] AU (2011901478) 2011-04-20

[21] **2,834,407**  
[13] A1

[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/00 (2006.01) A61B 17/3203 (2006.01) A61B 17/3207 (2006.01) A61B 18/04 (2006.01) A61M 1/00 (2006.01)**

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[54] **HARVESTING FAT TISSUE USING TISSUE LIQUEFACTION RECOLTE DE TISSU ADIPEUX A L'AIDE DE LIQUEFACTION DE TISSU**

[72] ANDREW, MARK S., US  
[72] CHAN, PHILIP P., US  
[72] GODEK, CHRISTOPHER P., US  
[71] ANDREW TECHNOLOGIES LLC, US  
[85] 2013-10-25  
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[30] US (61/480,747) 2011-04-29

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[13] A1

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[54] **IMAGE QUANTIZATION PARAMETER ENCODING METHOD AND IMAGE QUANTIZATION PARAMETER DECODING METHOD PROCEDE DE CODAGE DE PARAMETRE DE QUANTIFICATION D'IMAGES ET PROCEDE DE DECODAGE DE PARAMETRE DE QUANTIFICATION D'IMAGES**

[72] CHONO, KEIICHI, JP  
[72] AOKI, HIROFUMI, JP  
[71] NEC CORPORATION, JP  
[85] 2013-10-25  
[86] 2012-06-14 (PCT/JP2012/003897)  
[87] (WO2013/008389)  
[30] JP (2011-153427) 2011-07-12

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[51] **Int.Cl. F16F 9/04 (2006.01)**

[25] EN

[54] **PISTON FOR AN AIR SPRING OF A HEAVY-DUTY VEHICLE PISTON POUR UN RESSORT PNEUMATIQUE D'UN VEHICULE UTILITAIRE LOURD**

[72] WESTNEDGE, ANDREW J., US  
[72] RUBALSKIY, DMITRIY E., US  
[72] KEELER, MICHAEL J., US  
[71] HENDRICKSON USA, L.L.C., US  
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[13] A1

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[54] **MODULAR CARPET SYSTEMS SYSTEMES MODULAIRES DE TAPIS**

[72] MOORE, GABE, US  
[72] EVANS, PAUL D., JR., US  
[71] TANDUS FLOORING, INC., US  
[85] 2013-10-25  
[86] 2012-05-03 (PCT/US2012/036326)  
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[30] US (61/482,336) 2011-05-04  
[30] US (61/505,160) 2011-07-07

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[13] A1

[51] **Int.Cl. B21C 23/03 (2006.01) B21C 23/18 (2006.01) B21K 21/00 (2006.01) B64C 25/00 (2006.01)**

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[54] **HOT EXTRUSION PROCESS FOR PRODUCING A METAL PART, EXTRUSION TOOL FOR IMPLEMENTING IT AND LANDING GEAR ROD THUS PRODUCED PROCEDE DE FILAGE A CHAUD POUR REALISER UNE PIECE METALLIQUE, OUTIL DE FILAGE POUR SA MISE EN OEUVRE ET TIGE DE TRAIN D'ATERRISSAGE AINSI REALISEE**

[72] HEBRARD, LAURENT, FR  
[71] AUBERT & DUVAL, FR  
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[13] A1

[51] **Int.Cl. H01H 33/22 (2006.01) H02B 13/055 (2006.01)**  
[25] FR  
[54] **MIXTURE OF DECAFLUORO-2-METHYLBUTAN-3-ONE AND A VECTOR GAS AS A MEDIUM FOR THE ELECTRIC INSULATION AND/OR QUENCHING OF MEDIUM-VOLTAGE ELECTRIC ARCS**  
[54] **MELANGE DE DECAFLUORO-2-METHYLBUTAN-3-ONE ET D'UN GAZ VECTEUR COMME MILIEU D'ISOLATION ELECTRIQUE ET/OU D'EXTINCTION DES ARCS ELECTRIQUES EN MOYENNE TENSION**  
[72] KIEFFEL, YANNICK, FR  
[72] GIRODET, ALAIN, FR  
[72] PICCOZ, DANIEL, FR  
[71] SCHNEIDER ELECTRIC INDUSTRIES SAS, FR  
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[30] FR (11 54517) 2011-05-24

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[25] EN  
[54] **ORGANIC FERTILIZER PRODUCTION SYSTEM**  
[54] **SYSTEME DE PRODUCTION D'UN ENGRAIS ORGANIQUE**  
[72] KITAZUMI, KAZUSHIGE, JP  
[72] NAKANO, YASUHARU, JP  
[72] POLUTOVA, YAROSLAVA, JP  
[72] NAGAE, KOJI, JP  
[72] SEKIYA, RYOICHI, JP  
[72] YAMAWAKI, HISAKI, JP  
[71] E'S INC., JP  
[85] 2013-10-25  
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[72] ARNONE, MILES, US  
[72] MEYERHOFER, ERIC, US  
[71] MERCURY AND ASSOCIATES, STRUCTURE II, US  
[85] 2013-10-25  
[86] 2012-06-04 (PCT/US2012/040800)  
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[30] US (61/604,347) 2012-02-28

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[13] A1

[51] **Int.Cl. A61K 31/506 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **MULTIPLE MYELOMA TREATMENT**  
[54] **TRAITEMENT DU MYELOME MULTIPLE**  
[72] BURNS, CHRISTOPHER JOHN, AU  
[72] SPENCER, ANDREW, AU  
[72] MONAGHAN, KATHERINE ANNE, AU  
[71] YM BIOSCIENCES AUSTRALIA PTY LTD, US  
[85] 2013-10-28  
[86] 2012-05-01 (PCT/AU2012/000462)  
[87] (WO2012/149602)  
[30] US (61/481,425) 2011-05-02

[21] **2,834,415**  
[13] A1

[51] **Int.Cl. F21K 99/00 (2010.01) H01R 33/94 (2006.01) H01R 33/945 (2006.01) H01R 33/955 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR PROVIDING MODULAR FUNCTIONALITY IN A LIGHTING ASSEMBLY**  
[54] **PROCEDES ET APPAREILS PERMETTANT DE FOURNIR UNE FONCTIONNALITE MODULAIRE DANS UN ENSEMBLE D'ECLAIRAGE**  
[72] MCGUIRE, KENNETH STEPHEN, US  
[72] STEINHARDT, MARK JOHN, US  
[72] BISCHOFF, COREY MICHAEL, US  
[72] SAWICKI, EDWARD MACK, US  
[72] HASENOEHL, ERIK JOHN, US  
[71] THE PROCTOR & GAMBLE COMPANY, US  
[85] 2013-10-25  
[86] 2011-04-26 (PCT/US2011/033904)  
[87] (WO2012/148381)

[21] **2,834,416**  
[13] A1

[51] **Int.Cl. G07D 5/00 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR AUTHENTICATION OF A COIN OR OTHER MANUFACTURED ITEM**  
[54] **PROCEDE ET APPAREIL D'AUTHENTIFICATION D'UNE PIECE OU D'UN AUTRE ARTICLE FABRIQUE**  
[72] TRUONG, HIEU C., CA  
[72] BOUTANT, YANN, FR  
[71] SIGNOPTIC TECHNOLOGIES, FR  
[71] MONNAIE ROYALE CANADIENNE/ROYAL CANADIAN MINT, CA  
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[25] EN  
[54] **NOVEL 3-HYDROXYISOTHIAZOLE 1-OXIDE DERIVATIVE**

[54] **NOUVEAU DERIVE DE 1-OXYDE DE 3-HYDROXYISOTHIAZOLE**

[72] OHKOUCHI, MUNETAKA, JP  
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP

[85] 2013-10-25  
[86] 2012-04-11 (PCT/JP2012/059933)  
[87] (WO2012/147518)  
[30] JP (2011-100203) 2011-04-27  
[30] JP (2011-144937) 2011-06-29  
[30] JP (2011-185337) 2011-08-26

[21] **2,834,419**  
[13] A1

[51] **Int.Cl. A61B 17/064 (2006.01) A61B 17/072 (2006.01)**

[25] EN  
[54] **STAPLE CARTRIDGE LOADING ASSEMBLY**

[54] **CARTOUCHE D'AGRAFES AVEC PARTIE COMPRESSIBLE IMPLANTABLE ET CAPUCHON D'INSERTION**

[72] SHELTON, FREDERICK E., IV, US  
[72] BAXTER, CHESTER O., US  
[72] ARONHALT, TAYLOR W., US  
[72] VASUDEVAN, VENKATARAMANAN MANDAKOLATHUR, US

[72] NUR, ISRAEL, IL  
[72] HUNT, JOHN V., US  
[72] HUEIL, GEOFFREY C., US  
[72] FANUELE, GREGORY J., US  
[71] ETHICON ENDO-SURGERY, INC., US

[85] 2013-10-25  
[86] 2012-04-13 (PCT/US2012/033434)  
[87] (WO2012/148700)  
[30] US (13/097,869) 2011-04-29

[21] **2,834,420**  
[13] A1

[51] **Int.Cl. B01D 65/02 (2006.01)**

[25] EN  
[54] **METHOD FOR WASHING CERAMIC FILTER**

[54] **PROCEDE DE LAVAGE D'UN FILTRE CERAMIQUE**

[72] ICHIKAWA, AKIMASA, JP  
[72] SUZUKI, HIDEYUKI, JP  
[72] WADA, ICHIRO, JP  
[71] NGK INSULATORS, LTD., JP

[85] 2013-10-25  
[86] 2012-04-12 (PCT/JP2012/060060)  
[87] (WO2012/147534)  
[30] JP (2011-097250) 2011-04-25

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[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/064 (2006.01)**

[25] EN  
[54] **COMPRESSIBLE STAPLE CARTRIDGE COMPRISING ALIGNMENT MEMBERS**

[54] **CARTOUCHE D'AGRAFES COMPRESSIBLE COMPORTANT DES ELEMENTS D'ALIGNEMENT**

[72] BAXTER, CHESTER O. III, US  
[72] ARONHALT, TAYLOR W., US  
[72] YOUNG, JOSEPH E., US  
[72] SHELTON, FREDERICK E. IV, US  
[71] ETHICON ENDO-SURGERY, INC., US

[85] 2013-10-25  
[86] 2012-04-13 (PCT/US2012/033440)  
[87] (WO2012/148701)  
[30] US (13/097,917) 2011-04-29

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[13] A1

[51] **Int.Cl. A23L 1/30 (2006.01) A61K 31/164 (2006.01) A61P 1/04 (2006.01) A61P 35/00 (2006.01) C12N 1/16 (2006.01) C12P 19/44 (2006.01)**

[25] EN  
[54] **METHOD FOR UTILIZING EXTRACTION RESIDUE OF YEAST EXTRACT**

[54] **PROCEDE D'UTILISATION DE RESIDUS D'EXTRACTION D'UN EXTRAIT DE LEVURE**

[72] SATO, TOSHIYA, JP  
[72] NAKAGAWA, TOMOHIRO, JP  
[72] KAJI, NAOTO, JP  
[71] KOHJIN LIFE SCIENCES CO., LTD., JP

[85] 2013-10-25  
[86] 2012-04-24 (PCT/JP2012/060948)  
[87] (WO2012/150683)  
[30] JP (2011-102895) 2011-05-02  
[30] JP (2012-087010) 2012-04-06

[21] **2,834,423**  
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01)**

[25] EN  
[54] **STAPLE CARTRIDGE COMPRISING A RELEASABLE PORTION**

[54] **CARTOUCHE D'AGRAFES COMPRENANT UNE PARTIE DETACHABLE**

[72] SHELTON, FREDERICK E., IV, US  
[72] BAXTER, CHESTER O., III, US  
[72] ARONHALT, TAYLOR W., US  
[72] MORGAN, JEROME R., US  
[72] YOUNG, JOSEPH E., US  
[71] ETHICON ENDO-SURGERY, INC., US

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[86] 2012-04-13 (PCT/US2012/033446)  
[87] (WO2012/148702)  
[30] US (13/097,873) 2011-04-29

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[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01)**  
[25] EN  
[54] **STAPLE CARTRIDGE  
COMPRISING COMPRESSIBLE  
DISTORTION RESISTANT  
COMPONENTS**

[54] **CARTOUCHE D'AGRAFES  
COMPRENANT DES  
COMPOSANTS RESISTANT A LA  
DEFORMATION  
COMPRESSIBLES**

[72] SHELTON, FREDERICK E., IV, US  
[72] BAXTER, CHESTER O., III, US  
[72] ARONHALT, TAYLOR W., US  
[72] YOUNG, JOSEPH E., US  
[71] ETHICON ENDO-SURGERY, INC.,  
US  
[85] 2013-10-25  
[86] 2012-04-13 (PCT/US2012/033453)  
[87] (WO2012/148703)  
[30] US (13/097,938) 2011-04-29

[21] **2,834,425**  
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01)**  
[25] EN  
[54] **STAPLE CARTRIDGE  
COMPRISING A TISSUE  
THICKNESS COMPENSATOR**

[54] **CARTOUCHE D'AGRAFES  
COMPRENANT UN  
COMPENSATEUR D'EPaisseur  
DE TISSU**

[72] SHELTON, FREDERICK E., IV, US  
[72] BAXTER, CHESTER O., III, US  
[72] ARONHALT, TAYLOR W., US  
[72] YOUNG, JOSEPH E., US  
[71] ETHICON ENDO-SURGERY, INC.,  
US  
[85] 2013-10-25  
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[87] (WO2012/148710)  
[30] US (13/097,924) 2011-04-29

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[13] A1

[51] **Int.Cl. H05B 33/02 (2006.01) H01L  
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[25] EN  
[54] **LIGHT EXTRACTION  
TRANSPARENT SUBSTRATE FOR  
ORGANIC EL ELEMENT, AND  
ORGANIC EL ELEMENT USING  
THE SAME**

[54] **SUBSTRAT TRANSPARENT  
D'EXTRACTION DE LUMIERE  
POUR ELEMENTS  
ELECTROLUMINESCENTS  
ORGANIQUES ET ELEMENTS  
ELECTROLUMINESCENTS  
ORGANIQUES MIS EN ~UVRE  
AVEC CEUX-CI**

[72] NISHIMURA, SUZUSHI, JP  
[72] JEONG, SOON MOON, JP  
[72] FUKUDA, MAKI, JP  
[72] SHIBANUMA, TOSHIHIKO, JP  
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CORPORATION, JP  
[85] 2013-10-25  
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[87] (WO2012/147759)  
[30] JP (2011-099542) 2011-04-27

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[13] A1

[51] **Int.Cl. F25B 49/00 (2006.01) F25B  
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[25] EN  
[54] **REFRIGERANT CHARGE LEVEL  
DETECTION**

[54] **DETECTION DU NIVEAU DE  
CHARGE D'UN FRIGORIGENE**

[72] GADO, AMR E., US  
[72] FREDERICKS, THOMAS J., US  
[72] LORENZ, THOMAS B., US  
[71] EMERSON ELECTRIC CO., US  
[85] 2013-10-25  
[86] 2012-04-13 (PCT/US2012/033506)  
[87] (WO2012/151035)  
[30] US (13/101,516) 2011-05-05

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[13] A1

[51] **Int.Cl. F25B 49/02 (2006.01) F25B  
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F25B 41/04 (2006.01)**  
[25] EN  
[54] **HEAT PUMP CONTROL**

[54] **COMMANDE DE POMPE A  
CHALEUR**

[72] RUIZ, RANDY T., US  
[71] EMERSON ELECTRIC CO., US  
[85] 2013-10-25  
[86] 2012-04-13 (PCT/US2012/033558)  
[87] (WO2012/151037)  
[30] US (13/101,521) 2011-05-05

[21] **2,834,429**  
[13] A1

[51] **Int.Cl. C07D 271/06 (2006.01) A61K  
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(2006.01) A61K 31/426 (2006.01)  
A61K 31/433 (2006.01) A61K 31/4439  
(2006.01) A61P 3/04 (2006.01) A61P  
3/06 (2006.01) A61P 3/10 (2006.01)  
A61P 9/04 (2006.01) A61P 9/10  
(2006.01) A61P 9/12 (2006.01) A61P  
15/00 (2006.01) A61P 25/08 (2006.01)  
A61P 25/20 (2006.01) A61P 25/24  
(2006.01) A61P 43/00 (2006.01) C07D  
263/48 (2006.01) C07D 271/10  
(2006.01) C07D 277/20 (2006.01)  
C07D 277/42 (2006.01) C07D 285/08  
(2006.01) C07D 413/04 (2006.01)**

[25] EN  
[54] **5-MEMBERED RING AROMATIC  
HETEROCYCLIC DERIVATIVE  
HAVING NPY Y5 RECEPTOR  
ANTAGONISTIC ACTIVITY**

[54] **DERIVE HETEROCYCLIQUE  
AROMATIQUE A CYCLE A 5  
CHAINONS AYANT UNE  
ACTIVITE ANTAGONISTE DU  
RECEPTEUR NPY Y5**

[72] HAYASHI, KYOHEI, JP  
[72] TAMURA, YUUSUKE, JP  
[72] OMORI, NAOKI, JP  
[71] SHIONOGI & CO., LTD., JP  
[85] 2013-10-25  
[86] 2012-04-25 (PCT/JP2012/061032)  
[87] (WO2012/147764)  
[30] JP (2011-099397) 2011-04-27  
[30] JP (2011-246469) 2011-11-10

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[13] A1

[51] **Int.Cl. C12N 15/09 (2006.01) C12Q 1/68 (2006.01) A61K 39/395 (2006.01)**

[25] EN

[54] **COMPOSITION AND METHOD FOR PREDICTING RESPONSE TO TRASTUZUMAB THERAPY IN BREAST CANCER PATIENTS**

[54] **COMPOSITION POUR LA PREDICTION DE LA SENSIBILITE A UNE THERAPIE PAR TRASTUZUMAB CHEZ DES PATIENTS ATTEINTS D'UN CANCER DU SEIN, ET PROCEDE L'UTILISANT**

[72] MYOMOTO, AKIRA, JP  
[72] KOZONO, SATOKO, JP  
[72] SATO, FUMIAKI, JP  
[72] TOI, MASAKAZU, JP  
[72] UENO, TAKAYUKI, JP  
[72] WANG, ZHIPENG, JP  
[72] TSUJIMOTO, GOZOH, JP  
[72] SHIMIZU, KAZUHARU, JP  
[71] TORAY INDUSTRIES, INC., JP  
[71] KYOTO UNIVERSITY, JP  
[85] 2013-10-25  
[86] 2012-04-25 (PCT/JP2012/061100)  
[87] (WO2012/147800)  
[30] JP (2011-097432) 2011-04-25

[21] **2,834,431**  
[13] A1

[51] **Int.Cl. F16H 7/12 (2006.01)**

[25] EN

[54] **AUTO-TENSIONER**

[54] **TENDEUR AUTOMATIQUE**

[72] YONEDA, TETSUO, JP  
[72] IMAI, KATSUYA, JP  
[71] MITSUBOSHI BELTING LTD., JP  
[85] 2013-10-25  
[86] 2012-04-27 (PCT/JP2012/061467)  
[87] (WO2012/147957)  
[30] JP (2011-100826) 2011-04-28  
[30] JP (2012-052991) 2012-03-09

[21] **2,834,435**  
[13] A1

[51] **Int.Cl. B01D 47/06 (2006.01) F27D 25/00 (2010.01) F23J 15/04 (2006.01)**

[25] EN

[54] **OFF-GAS CHANNEL**

[54] **CANAL DE GAZ D'ECHAPPEMENT**

[72] PEKKALA, OLLI, FI  
[71] OUTOTEC OYJ, FI  
[85] 2013-10-28  
[86] 2012-06-14 (PCT/FI2012/050607)  
[87] (WO2013/001156)  
[30] FI (U20114077) 2011-06-29

[21] **2,834,436**  
[13] A1

[51] **Int.Cl. H04L 27/26 (2006.01)**

[25] EN

[54] **METHOD OF SCRAMBLING SIGNALS, TRANSMISSION POINT DEVICE AND USER EQUIPMENT USING THE METHOD**

[54] **PROCEDE DE BROUILLAGE DE SIGNAUX, DISPOSITIF DE POINT D'EMISSION ET EQUIPEMENT UTILISATEUR UTILISANT CE PROCEDE**

[72] ZHANG, ZHI, CN  
[72] XU, MING, CN  
[72] HOSHINO, MASAYUKI, JP  
[72] IMAMURA, DAICHI, JP  
[72] NISHIO, AKIHIKO, JP  
[71] PANASONIC CORPORATION, JP  
[85] 2013-10-28  
[86] 2011-09-29 (PCT/CN2011/080372)  
[87] (WO2013/010349)  
[30] CN (PCT/CN2011/077203) 2011-07-15

[21] **2,834,437**  
[13] A1

[51] **Int.Cl. C11D 17/08 (2006.01) C11D 9/00 (2006.01) C11D 9/02 (2006.01) C11D 9/30 (2006.01) C11D 9/50 (2006.01)**

[25] EN

[54] **LIQUID SOAPS WITH TRICLOCARBAN**

[54] **SAVONS LIQUIDES CONTENANT DU TRICLOCARBAN**

[72] SHI, MANYING, CN  
[72] CHANG, DAVID, CN  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2013-10-28  
[86] 2011-05-27 (PCT/CN2011/000905)  
[87] (WO2012/162854)

[21] **2,834,438**  
[13] A1

[51] **Int.Cl. A61K 31/545 (2006.01) A61K 31/43 (2006.01) A61K 31/7036 (2006.01) A61K 31/739 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **TREATMENT OF MASTITIS**

[54] **TRAITEMENT D'UNE MAMMITE**

[72] SA DE, CARLOS, FR  
[72] ILG, THOMAS SIMON, DE  
[72] PERE, KARINE, FR  
[72] COX, PETER GERARDUS FRANCISCUS, FR  
[72] WARRASS, RALF, DE  
[71] INTERVET INTERNATIONAL B.V., NL  
[85] 2013-10-28  
[86] 2012-05-11 (PCT/EP2012/058712)  
[87] (WO2012/152898)  
[30] EP (11165858.9) 2011-05-12  
[30] US (61/485,304) 2011-05-12

[21] **2,834,439**  
[13] A1

[51] **Int.Cl. F03B 17/04 (2006.01) F03G 7/10 (2006.01)**

[25] EN

[54] **MECHANISM FOR SHIFTING INCOMPRESSIBLE FLUID AND SERVO ASSISTED ROTATING MECHANISM**

[54] **MECANISME POUR DEPLACER UN FLUIDE INCOMPRESSIBLE ET MECANISME ROTATIF SERVO ASSISTE**

[72] MASSIMO, NICOLA MASSIMO, IT  
[71] MASSIMO, NICOLA MASSIMO, IT  
[85] 2013-10-28  
[86] 2012-05-04 (PCT/EP2012/058317)  
[87] (WO2012/150353)  
[30] EP (11164950.5) 2011-05-05

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[21] **2,834,440**  
[13] A1

[51] **Int.Cl. C12N 15/117 (2010.01) A61K 39/39 (2006.01) C12Q 1/68 (2006.01) A61K 39/02 (2006.01) A61K 39/12 (2006.01) A61P 37/04 (2006.01) A61P 43/00 (2006.01)**

[25] EN  
[54] **IMMUNOSTIMULATORY OLIGODEOXYNUCLEOTIDES**  
[54] **OLIGODESOXYNUCLEOTIDES IMMUNOSTIMULATOIRES**

[72] SCHRIER, CARLA CHRISTINA, NL  
[72] ILG, THOMAS SIMON, DE  
[71] INTERVET INTERNATIONAL B.V., NL

[85] 2013-10-28  
[86] 2012-05-25 (PCT/EP2012/059800)  
[87] (WO2012/160184)  
[30] EP (11167605.2) 2011-05-26  
[30] US (61/490,387) 2011-05-26

[21] **2,834,442**  
[13] A1

[51] **Int.Cl. C12N 15/117 (2010.01) A61K 39/39 (2006.01) C12Q 1/68 (2006.01) A61K 39/02 (2006.01) A61K 39/12 (2006.01) A61P 37/04 (2006.01)**

[25] EN  
[54] **IMMUNOSTIMULATORY OLIGODEOXYNUCLEOTIDES**  
[54] **OLIGODESOXYNUCLEOTIDES IMMUNOSTIMULATOIRES**

[72] SCHRIER, CARLA CHRISTINA, NL  
[72] ILG, THOMAS SIMON, DE  
[71] INTERVET INTERNATIONAL B.V., NL

[85] 2013-10-28  
[86] 2012-05-25 (PCT/EP2012/059797)  
[87] (WO2012/160183)  
[30] EP (11167602.9) 2011-05-26  
[30] US (61/490,380) 2011-05-26

[21] **2,834,445**  
[13] A1

[25] EN  
[54] **DEVICE, PANEL HOLDER, AND SYSTEM FOR GENERATING ELECTRIC POWER FROM SOLAR RADIATION**  
[54] **DISPOSITIF, SUPPORT DE PANNEAU, ET SYSTEME DE GENERATION D'ENERGIE ELECTRIQUE A PARTIR DU RAYONNEMENT SOLAIRE**

[72] STASSEN, PETRUS PAULUS CAROLUS MARIA, NL  
[71] TULIPPS SOLAR INTERNATIONAL B.V., NL

[85] 2013-10-28  
[86] 2012-04-27 (PCT/NL2012/050294)  
[87] (WO2012/148279)  
[30] NL (2006685) 2011-04-29

[21] **2,834,441**  
[13] A1

[51] **Int.Cl. C04B 28/14 (2006.01) C04B 28/04 (2006.01)**

[25] EN  
[54] **ENVIRONMENT-FRIENDLY NATURAL-LIKE ARTIFICIAL STONE CONTAINING FLY ASH AND THE METHOD FOR PRODUCING THE ARTIFICIAL STONE**  
[54] **PIERRE ARTIFICIELLE PSEUDO-NATURELLE ECOLOGIQUE DE CENDRE DE CHARBON, ET PROCEDE POUR SA PRODUCTION**

[72] CHEN, GUOMAI, CN  
[72] CHEN, MAIHUA, CN  
[72] XIA, YI, CN  
[72] YOU, JIYE, CN  
[72] ZHOU, RENDAO, CN  
[72] ZENG, LIANG, CN  
[71] SHANGHAI APE STONE CO., LTD., CN

[85] 2013-10-28  
[86] 2011-12-26 (PCT/CN2011/002188)  
[87] (WO2013/063732)  
[30] CN (201110341137.X) 2011-11-02

[21] **2,834,443**  
[13] A1

[51] **Int.Cl. C12M 1/00 (2006.01) G01N 35/00 (2006.01) G01N 35/10 (2006.01)**

[25] EN  
[54] **DISC DISPENSING DEVICE, TUBULAR CONTAINER FOR USE IN SUCH A DISC DISPENSING DEVICE AND METHOD OF DISPENSING DISCS**  
[54] **DISPOSITIF DE DISTRIBUTION DE DISQUES, RECIPIENT TUBULAIRE POUR L'UTILISATION DANS UN TEL DISPOSITIF DE DISTRIBUTION DE DISQUES ET PROCEDE DE DISTRIBUTION DE DISQUES**

[72] BOTMA, JETZE, NL  
[72] KLEEFSTRA, MARTIJN, NL  
[72] VAN DER KAAP, TRIENKO MARTEN, NL  
[72] BERNTSEN, MARTIJN XANDER, NL  
[72] VAN DER VIJVER, JAN BART, NL  
[71] BD KIESTRA B.V., NL

[85] 2013-10-28  
[86] 2012-04-27 (PCT/NL2012/050288)  
[87] (WO2012/148273)  
[30] EP (11164226.0) 2011-04-29

[21] **2,834,447**  
[13] A1

[51] **Int.Cl. B32B 37/10 (2006.01) B29C 63/02 (2006.01) B44C 1/10 (2006.01)**

[25] EN  
[54] **LAMINATOR TABLE**  
[54] **TABLE DE LAMINAGE**

[72] HANSEN, JARLE, NO  
[71] HANSEN, JARLE, NO

[85] 2013-10-28  
[86] 2012-05-10 (PCT/NO2012/050086)  
[87] (WO2012/154060)  
[30] NO (20110696) 2011-05-10

[21] **2,834,449**  
[13] A1

[51] **Int.Cl. C12Q 1/70 (2006.01)**

[25] EN  
[54] **TORQUE TENO VIRUS DIAGNOSTICS**  
[54] **VIRUS TORQUE TENO PORCIN**

[72] BORN VAN DEN, ERWIN, NL  
[72] CORNELISSEN - KEIJERS, VIVIAN, NL  
[72] KEKARAINEN, TUIJA, ES  
[72] SEGALLES, JOAQUIM, ES  
[72] MARTINEZ-GUINO, LAURA, ES  
[72] BALLESTER, MARIA, ES  
[71] INTERVET INTERNATIONAL B.V., NL

[85] 2013-10-28  
[86] 2012-05-30 (PCT/EP2012/060109)  
[87] (WO2012/163949)  
[30] EP (11168280.3) 2011-05-31

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[21] **2,834,453**  
[13] A1

[51] **Int.Cl. B29C 63/02 (2006.01)**  
[25] EN  
[54] **DEVICE AND METHOD FOR RAISING AND LOWERING A ROLLER ON AN APPLICATION TABLE WITH A SHIELDED SWITCH**  
[54] **DISPOSITIF ET PROCEDE POUR SOULEVER ET ABAISSER UN ROULEAU SUR UNE TABLE D'APPLICATION POURVUE D'UN ELEMENT D'ACTIONNEMENT PROTEGE**  
[72] HANSEN, JARLE, NO  
[71] HANSEN, JARLE, NO  
[85] 2013-10-28  
[86] 2012-05-10 (PCT/NO2012/050087)  
[87] (WO2012/154061)  
[30] NO (20110696) 2011-05-10

[21] **2,834,455**  
[13] A1

[51] **Int.Cl. G01N 33/564 (2006.01)**  
[25] EN  
[54] **METHODS FOR DIAGNOSING MULTIPLE SCLEROSIS**  
[54] **METHODES POUR DIAGNOSTIQUER LA SCLEROSE EN PLAQUES**  
[72] RESZKA, REGINA, DE  
[72] RENNEFAHRT, ULRIKE, DE  
[72] CARVALHO, SUSAN, DE  
[72] HEMMER, BERNHARD, DE  
[71] METANOMICS HEALTH GMBH, DE  
[85] 2013-10-28  
[86] 2012-05-31 (PCT/EP2012/060262)  
[87] (WO2012/164026)  
[30] EP (11168266.2) 2011-05-31  
[30] US (61/491,353) 2011-05-31

[21] **2,834,456**  
[13] A1

[51] **Int.Cl. C12N 9/90 (2006.01) C07K 14/195 (2006.01) C07K 14/415 (2006.01) C07K 14/47 (2006.01) C07K 16/22 (2006.01)**  
[25] EN  
[54] **AMINO ACID SEQUENCE PRESENTING FUSION POLYPEPTIDE AND ITS USE**  
[54] **POLYPEPTIDE DE FUSION PRESENTANT UNE SEQUENCE D'ACIDES AMINES**  
[72] ANDRES, HERBERT, DE  
[72] CASAGOLDA VALLRIBERA, DAVID, ES  
[72] DUEFEL, HARTMUT, DE  
[72] GERG, MICHAEL, DE  
[72] SCHOLZ, CHRISTIAN, DE  
[72] SCHRAEML, MICHAEL, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2013-10-28  
[86] 2012-05-04 (PCT/EP2012/058207)  
[87] (WO2012/150320)  
[30] EP (11164957.0) 2011-05-05  
[30] EP (12155742.5) 2012-02-16

[21] **2,834,458**  
[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01)**  
[25] EN  
[54] **WIRELESS COMMUNICATION METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL DE COMMUNICATION SANS FIL**  
[72] MACAFEE, ANDREW DONALD, GB  
[72] BYROM, STEVE, GB  
[72] GOODING, KONRAD, GB  
[72] MANN, DAVID, GB  
[71] THALES HOLDINGS UK PLC, GB  
[85] 2013-10-28  
[86] 2012-04-27 (PCT/GB2012/050943)  
[87] (WO2012/146938)  
[30] GB (1107272.5) 2011-04-28

[21] **2,834,460**  
[13] A1

[51] **Int.Cl. D21C 9/00 (2006.01) B01D 61/56 (2006.01) D21C 9/18 (2006.01) D21H 11/18 (2006.01) D21C 9/06 (2006.01)**  
[25] EN  
[54] **PROCESS FOR TREATING MICROFIBRILLATED CELLULOSE AND MICROFIBRILLATED CELLULOSE TREATED ACCORDING TO THE PROCESS**  
[54] **PROCEDE DE TRAITEMENT D'UNE CELLULOSE MICROFIBRILLEE, ET CELLULOSE MICROFIBRILLEE TRAITEE SELON LE PROCEDE**  
[72] HEISKANEN, ISTO, FI  
[72] BACKFOLK, KAJ, FI  
[72] KOTILAINEN, ARI, FI  
[72] GAIDELIS, VALENTAS, LT  
[72] SIDARAVICIUS, JONAS, LT  
[71] STORA ENSO OYJ, FI  
[85] 2013-10-28  
[86] 2012-05-11 (PCT/IB2012/052351)  
[87] (WO2012/156880)  
[30] SE (1150436-2) 2011-05-13

[21] **2,834,462**  
[13] A1

[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/041 (2006.01) G06F 3/14 (2006.01) H04N 5/232 (2006.01)**  
[25] EN  
[54] **DISPLAY APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE D'AFFICHAGE**  
[72] BANG, HY0-SANG, KR  
[72] SEUNG, JUNG-AH, KR  
[72] LIM, EUN-SIL, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2013-10-28  
[86] 2012-05-30 (PCT/KR2012/004241)  
[87] (WO2012/165845)  
[30] KR (10-2011-0051664) 2011-05-30  
[30] KR (10-2011-0132131) 2011-12-09



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[21] **2,834,463**  
[13] A1

[51] **Int.Cl. F04D 29/34 (2006.01) B23Q 3/06 (2006.01)**

[25] EN

[54] **JIG USED FOR REPAIRING PIN-COUPLING COMPONENT AND METHOD USING THE SAME**

[54] **MONTAGE POUR LA REPARATION D'UN ELEMENT ASSEMBLE PAR CHEVILLE ET SON PROCEDE D'UTILISATION**

[72] UBUKATA, KEN, JP

[72] KAWAI, KAZUO, JP

[72] MUKAI, MITSUAKI, JP

[72] TOMIOKA, MASAYUKI, JP

[71] IHI CORPORATION, JP

[85] 2013-10-28

[86] 2012-04-18 (PCT/JP2012/060419)

[87] (WO2012/165074)

[30] JP (2011-121936) 2011-05-31

[21] **2,834,465**  
[13] A1

[51] **Int.Cl. C07D 275/02 (2006.01) A61K 31/4155 (2006.01) A61K 31/425 (2006.01) A61K 31/433 (2006.01) A61K 31/4439 (2006.01) A61K 31/54 (2006.01) A61K 31/541 (2006.01) A61K 31/549 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 43/00 (2006.01) C07D 279/02 (2006.01) C07D 285/10 (2006.01) C07D 285/16 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01)**

[25] EN

[54] **CYCLIC AMIDE DERIVATIVE**

[54] **DERIVE D'AMIDE CYCLIQUE**

[72] OKANO, AKIHIRO, JP

[72] OHKOUCHI, MUNETAKA, JP

[72] MAKABE, MUNEYOSHI, JP

[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP

[85] 2013-10-28

[86] 2012-04-11 (PCT/JP2012/059915)

[87] (WO2012/147516)

[30] JP (2011-102535) 2011-04-28

[30] JP (2011-185340) 2011-08-26

[30] JP (PCT/JP2011/073355) 2011-10-11

[30] JP (2012-044857) 2012-02-29

[21] **2,834,470**  
[13] A1

[51] **Int.Cl. A61J 1/03 (2006.01) B65D 75/32 (2006.01)**

[25] EN

[54] **ORAL CARE KIT FOR DISPLAYING A PORTION OF A TOOTHBRUSH**

[54] **TROUSSE DE SOINS BUCCODENTAIRES POUR LA PRESENTATION D'UNE PARTIE D'UNE BROUSSE A DENTS**

[72] LEE, DAVID K., US

[72] NGUYEN, QUANG, US

[71] COLGATE-PALMOLIVE COMPANY, US

[85] 2013-10-28

[86] 2011-05-27 (PCT/US2011/038297)

[87] (WO2012/166085)

[21] **2,834,471**  
[13] A1

[51] **Int.Cl. G06F 13/00 (2006.01)**

[25] EN

[54] **E-MAIL SYSTEM, CONTROL METHOD FOR E-MAIL SYSTEM, RELAY DEVICE, PROGRAM, AND INFORMATION STORAGE MEDIUM**

[54] **SYSTEME DE COURRIER ELECTRONIQUE**

[72] YANASE, NAOHIRO, JP

[72] SUGAWARA, HIDETAKA, JP

[72] KATO, AKIHIRO, JP

[72] SHIMADA, RYOHEI, JP

[71] RAKUTEN, INC., JP

[85] 2013-10-28

[86] 2012-02-03 (PCT/JP2012/052531)

[87] (WO2012/147384)

[30] JP (2011-102479) 2011-04-28

[21] **2,834,474**  
[13] A1

[51] **Int.Cl. G06F 17/28 (2006.01) G06F 13/00 (2006.01) G06F 17/21 (2006.01)**

[25] EN

[54] **BROWSING SYSTEM, TERMINAL, IMAGE SERVER, PROGRAM, COMPUTER-READABLE RECORDING MEDIUM RECORDING SAID PROGRAM, AND METHOD**

[54] **SYSTEME NAVIGATEUR WEB, TERMINAL, SERVEUR D'IMAGES, PROGRAMME, SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR SUR LEQUEL EST ENREGISTRE LEDIT PROGRAMME, ET PROCEDE ASSOCIE**

[72] MASUKO, SOH, JP

[71] RAKUTEN, INC., JP

[85] 2013-10-28

[86] 2012-04-27 (PCT/JP2012/061410)

[87] (WO2012/147936)

[30] JP (2011-102524) 2011-04-28

[21] **2,834,477**  
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01)**

[25] EN

[54] **TISSUE THICKNESS COMPENSATOR COMPRISING DETACHABLE PORTIONS**

[54] **COMPENSATEUR D'EPaisseur DE TISSU PRESENTANT DES PARTIES DETACHABLES**

[72] SHELTON, FREDERICK E., IV, US

[72] BAXTER, CHESTER O., III, US

[72] ARONHALT, TAYLOR W., US

[72] SCHEIB, CHARLES J., US

[72] OMAITS, TODD P., US

[71] ETHICON ENDO-SURGERY, INC., US

[85] 2013-10-28

[86] 2012-04-11 (PCT/US2012/032973)

[87] (WO2012/148667)

[30] US (13/097,928) 2011-04-29

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[21] **2,834,481**  
[13] A1

[51] **Int.Cl. A61B 17/072 (2006.01)**  
[25] EN  
[54] **TISSUE THICKNESS COMPENSATOR FOR A SURGICAL STAPLER COMPRISING AN ADJUSTABLE ANVIL**  
[54] **COMPENSATEUR D'EPaisseur DE TISSU POUR AGRAFEUSE CHIRURGICALE COMPRENANT UNE ENCLUME REGLABLE**  
[72] SHELTON, FREDERICK E., IV, US  
[72] BAXTER, CHESTER O., III, US  
[71] ETHICON ENDO-SURGERY INC., US  
[85] 2013-10-28  
[86] 2012-04-11 (PCT/US2012/032976)  
[87] (WO2012/148668)  
[30] US (13/097,891) 2011-04-29

[21] **2,834,492**  
[13] A1

[51] **Int.Cl. H02P 6/20 (2006.01) H02P 6/14 (2006.01) H02P 25/08 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING PULSE-WIDTH MODULATION IN AN ELECTRIC MOTOR**  
[54] **PROCEDE ET APPAREIL POUR REGULER LA MODULATION D'IMPULSIONS EN LARGEUR DANS UN MOTEUR ELECTRIQUE**  
[72] NORELL, NEIL N., US  
[71] SHOP VAC CORPORATION, US  
[85] 2013-10-28  
[86] 2011-05-03 (PCT/US2011/034912)  
[87] (WO2012/150930)

[21] **2,834,495**  
[13] A1

[51] **Int.Cl. H02P 6/14 (2006.01) H02P 25/08 (2006.01)**  
[25] EN  
[54] **TORQUE BASED ELECTRONIC PULSE WIDTH MODULATION CONTROL SYSTEM FOR A SWITCHED RELUCTANCE MOTOR**  
[54] **SYSTEME ELECTRONIQUE DE REGULATION DE LA MODULATION D'IMPULSIONS EN LARGEUR BASEE SUR LE COUPLE POUR UN MOTEUR A RELUCTANCE COMMUTEE**  
[72] NORELL, NEIL N., US  
[71] SHOP VAC CORPORATION, US  
[85] 2013-10-28  
[86] 2011-05-03 (PCT/US2011/034914)  
[87] (WO2012/150931)

[21] **2,834,499**  
[13] A1

[51] **Int.Cl. A61F 9/008 (2006.01) A61B 18/20 (2006.01)**  
[25] EN  
[54] **IMAGING-CONTROLLED LASER SURGICAL SYSTEM**  
[54] **SYSTEME CHIRURGICAL LASER COMMANDE PAR IMAGERIE**  
[72] CHAUDHARY, GAUTAM, US  
[72] GOLDSTEIN, PETER, US  
[72] HEGEDUS, IMRE, HU  
[72] SUAREZ, CARLOS GERMAN, US  
[72] CALLIGORI, DAVID, US  
[72] KARAVITIS, MICHAEL, US  
[71] ALCON LENSX, INC., US  
[85] 2013-10-28  
[86] 2011-09-13 (PCT/US2011/051360)  
[87] (WO2012/158183)  
[30] US (13/110,352) 2011-05-18

[21] **2,834,504**  
[13] A1

[51] **Int.Cl. H04B 7/04 (2006.01) H04J 11/00 (2006.01) H04L 1/06 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS OF WIRELESS COMMUNICATION WITH REMOTE RADIO HEADS**  
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION SANS FIL AU MOYEN DE TETES RADIO DEPORTEES (REMOTE RADIO HEADS)**  
[72] XU, HUA, CA  
[72] GUO, SHIGUANG, CA  
[72] SMITH, JACK ANTHONY, US  
[72] JIA, YONGKANG, CA  
[72] EBRAHIMI TAZEHI MAHALLEH, MASOUD, CA  
[72] YU, DONGSHENG, CA  
[72] HARRISON, ROBERT MARK, US  
[72] GAO, SHIWEI, CA  
[71] BLACKBERRY LIMITED, CA  
[85] 2013-10-28  
[86] 2012-04-20 (PCT/US2012/034530)  
[87] (WO2012/151065)  
[30] US (13/099,107) 2011-05-02

[21] **2,834,508**  
[13] A1

[51] **Int.Cl. A61K 38/42 (2006.01) C07K 1/36 (2006.01) C07K 14/805 (2006.01)**  
[25] EN  
[54] **METHOD FOR REMOVING UNMODIFIED HEMOGLOBIN FROM CROSS-LINKED HEMOGLOBIN SOLUTIONS INCLUDING POLYMERIC HEMOGLOBIN WITH A HIGH TEMPERATURE SHORT TIME HEAT TREATMENT APPARATUS**  
[54] **PROCEDE POUR ELIMINER UNE HEMOGLOBINE NON MODIFIEE DE SOLUTIONS D'HEMOGLOBINE RETICULEE CONTENANT UNE HEMOGLOBINE POLYMEREE AVEC UN APPAREIL DE TRAITEMENT THERMIQUE DE COURTE DUREE A HAUTE TEMPERATURE**  
[72] WONG, BING LOU, US  
[72] KWOK, SUI YI, CN  
[71] WONG, BING LOU, US  
[71] KWOK, SUI YI, CN  
[85] 2013-10-28  
[86] 2012-04-23 (PCT/US2012/034608)  
[87] (WO2012/148832)  
[30] US (13/097,183) 2011-04-29  
[30] US (13/217,337) 2011-08-25

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[54] **STOCKAGE DE DONNEES SECURISE**  
[72] OLTMANS, JAMES ROBERT, US  
[72] ZWEBER, BENJAMIN E., US  
[71] ABSIO CORPORATION, US  
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[54] **ARTICLE DOTE D'UNE POIGNEE INCORPOREE ERGONOMIQUE**  
[72] DE CONINCK, AN, BE  
[72] GERLACH, CHRISTIAN GERHARD FRIEDRICH, BE  
[72] AZZANI, JEAN-LUC, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
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[54] **PLANCHE A BRAS**  
[72] GREEN, DANNY, US  
[72] VAN NIMWEGEN, EDWARD G., US  
[72] NIEMIER, TIM, US  
[72] BENNETT, JOEL, US  
[72] BENNETT, JOHN, US  
[72] ASTLE, ROBERT, US  
[72] STEED, BRENT, US  
[72] OLSEN, ERIC, US  
[72] TODD, MIKE, US  
[71] LIFETIME PRODUCTS, INC., US  
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[54] **ENCAPSULATED ACID, METHOD FOR THE PREPARATION THEREOF, AND CHEWING GUM COMPRISING SAME**  
[54] **ACIDE ENCAPSULE, SON PROCEDE DE PREPARATION, ET GOMME A MACHER LE COMPRENANT**  
[72] BOGHANI, NAVROZ, US  
[72] GEBRESELASSIE, PETROS, US  
[72] VYAKARANAM, KIRAN, US  
[71] INTERCONTINENTAL GREAT BRANDS LLC, US  
[85] 2013-10-28  
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[54] **POLYPEPTIDES HAVING ENDOGLUCANASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME**  
[54] **POLYPEPTIDES A ACTIVITE ENDOGLUCANASE ET POLYNUCLEOTIDES CODANT POUR LES POLYPEPTIDES**  
[72] SPODSBERG, NIKOLAJ, DK  
[72] MCBRAYER, BRETT, US  
[72] CASSLAND, PIERRE, SE  
[71] NOVOZYMES, INC., US  
[71] NOVOZYMES A/S, DK  
[85] 2013-10-28  
[86] 2012-04-26 (PCT/US2012/035257)  
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[54] **TOLEROGENIC SYNTHETIC NANOCARRIERS**  
[54] **NANOVECTEURS SYNTHETIQUES TOLEROGENES**  
[72] FRASER, CHRISTOPHER, US  
[72] ROY, CHRISTOPHER J., US  
[72] LIPFORD, GRAYSON B., US  
[72] MALDONADO, ROBERTO A., US  
[71] SELECTA BIOSCIENCES, INC., US  
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[86] 2012-04-27 (PCT/US2012/035360)  
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[30] US (61/513,514) 2011-07-29  
[30] US (61/531,209) 2011-09-06  
[30] US (61/531,215) 2011-09-06  
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[30] US (61/531,164) 2011-09-06  
[30] US (61/531,194) 2011-09-06  
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[54] **MFG-E8 ET SES UTILISATIONS**  
[72] WANG, PING, US  
[71] THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH, US  
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[86] 2012-04-27 (PCT/US2012/035362)  
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[54] **TOLEROGENIC SYNTHETIC NANOCARRIERS TO REDUCE IMMUNE RESPONSES TO THERAPEUTIC PROTEINS**

[54] **NANOVECTEURS SYNTHETIQUES TOLEROGENES DESTINES A REDUIRE DES REPONSES IMMUNITAIRES A DES PROTEINES THERAPEUTIQUES**

[72] FRASER, CHRISTOPHER, US  
[72] KISHIMOTO, TAKASHI KEI, US  
[72] MALDONADO, ROBERTO A., US  
[71] SELECTA BIOSCIENCES, INC., US  
[85] 2013-10-28  
[86] 2012-04-27 (PCT/US2012/035366)  
[87] (WO2012/149255)  
[30] US (61/480,946) 2011-04-29  
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[30] US (61/531,168) 2011-09-06  
[30] US (61/531,153) 2011-09-06  
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[30] US (61/531,215) 2011-09-06  
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[54] **TOLEROGENIC SYNTHETIC NANOCARRIERS TO REDUCE ANTIBODY RESPONSES**

[54] **NANOVECTEURS SYNTHETIQUES TOLEROGENES DESTINES A REDUIRE DES REPONSES IMPLIQUANT DES ANTICORPS**

[72] FRASER, CHRISTOPHER, US  
[72] KISHIMOTO, TAKASHI KEI, US  
[72] MALDONADO, ROBERTO A., US  
[71] SELECTA BIOSCIENCES, INC., US  
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[25] EN

[54] **TOLEROGENIC SYNTHETIC NANOCARRIERS TO REDUCE CYTOTOXIC T LYMPHOCYTE RESPONSES**

[54] **NANOVECTEURS SYNTHETIQUES TOLEROGENES DESTINES A REDUIRE DES REPONSES IMPLIQUANT DES LYMPHOCYTES T CYTOTOXIQUES**

[72] FRASER, CHRISTOPHER, US  
[72] KISHIMOTO, TAKASHI KEI, US  
[72] MALDONADO, ROBERTO A., US  
[71] SELECTA BIOSCIENCES, INC., US  
[85] 2013-10-28  
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[87] (WO2012/149265)  
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[54] **TOLEROGENIC SYNTHETIC NANOCARRIERS FOR ALLERGY THERAPY**

[54] **NANOSUPPORTS SYNTHETIQUES TOLEROGENES POUR THERAPIE D'UNE ALLERGIE**

[72] KISHIMOTO, TAKASHI KEI, US  
[72] FRASER, CHRISTOPHER, US  
[72] MALDONADO, ROBERTO A., US  
[71] SELECTA BIOSCIENCES, INC., US  
[85] 2013-10-28  
[86] 2012-04-27 (PCT/US2012/035383)  
[87] (WO2012/149268)  
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[54] **TOLEROGENIC SYNTHETIC NANOCARRIERS FOR GENERATING CD8+REGULATORY T CELLS**

[54] **NANOVECTEURS SYNTHETIQUES TOLEROGENIQUES POUR LA GENERATION DE LYMPHOCYTES T REGULATEURS CD8+**

[72] KISHIMOTO, TAKASHI KEI, US  
[72] FRASER, CHRISTOPHER, US  
[72] MALDONADO, ROBERTO A., US  
[71] SELECTA BIOSCIENCES, INC., US  
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[54] **METHODS FOR THE TREATMENT OF CANCER AND INFLAMMATORY DISEASES USING CEREBLON AS A PREDICTOR**

[54] **PROCEDES DE TRAITEMENT DU CANCER ET DE MALADIES INFLAMMATOIRES AU MOYEN DE CEREBLON EN TANT QUE PREDICTEUR**

[72] SCHAFFER, PETER, US  
[72] LOPEZ-GIRONA, ANTONIA, US  
[72] DANIEL, THOMAS O., US  
[72] GANDHI, ANITA, US  
[72] MENDY, DEREK, US  
[71] CELGENE CORPORATION, US  
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[54] **CELL INCLUDING CLEAN AND DIRTY SECTIONS FOR FABRICATING COMPOSITE PARTS**

[54] **CELLULE COMPRENANT DES SECTIONS PROPRE ET SALE POUR FABRIQUER DES ELEMENTS COMPOSITES**

[72] MILLER, JEFFREY L., US  
[71] THE BOEING COMPANY, US  
[85] 2013-10-24  
[86] 2012-07-11 (PCT/US2012/046303)  
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[54] **AUTONOMOUS WIRELESS ANTENNA SENSOR SYSTEM**

[54] **SYSTEME DE CAPTEURS D'ANTENNE SANS FIL AUTONOME**

[72] DALMAZZO, ENZO, US

[71] DALMAZZO, ENZO, US

[85] 2013-10-28

[86] 2012-04-30 (PCT/US2012/035744)

[87] (WO2012/158329)

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[54] **INHIBITORS OF HISTONE DEACETYLASE**

[54] **INHIBITEURS DE L'HISTONE DESACETYLASE**

[72] HOLSON, EDWARD, US

[72] WAGNER, FLORENCE FEVRIER, US

[72] WEIWER, MICHEL, US

[72] TSAI, LI-HUEI, US

[72] HAGGARTY, STEPHEN, US

[72] ZHANG, YAN-LING, US

[71] THE BROAD INSTITUTE, INC., US

[71] THE GENERAL HOSPITAL CORPORATION D/B/A MASSACHUSETTS GENERAL HOSPITAL, US

[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT), US

[85] 2013-10-28

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[54] **CHITOSAN AS BIOCIDES IN OILFIELD FLUIDS**

[54] **CHITOSANE UTILISE EN TANT QUE BIOCIDES DANS DES FLUIDES PETROLIERS**

[72] LI, JACK, US

[72] SULLIVAN, PHILIP F., US

[72] HARTSHORNE, ROBERT SETH, GB

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2013-10-28

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[87] (WO2012/149560)

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[51] **Int.Cl. C09K 8/90 (2006.01) C08B 37/08 (2006.01) C09K 8/514 (2006.01)**

[25] EN

[54] **FLUIDS COMPRISING CHITOSAN CROSSLINKED BY TITANATE**

[54] **FLUIDES COMPRENANT DU CHITOSANE RETICULE PAR DU TITANATE**

[72] LI, JACK, US

[72] SULLIVAN, PHILIP F., US

[72] HARTSHORNE, ROBERT SETH, GB

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2013-10-28

[86] 2012-04-30 (PCT/US2012/035849)

[87] (WO2012/149553)

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[54] **AN ENCAPSULATED PARTICLE**

[54] **PARTICULE ENCAPSULEE**

[72] NEFF, RAYMOND, US

[72] GERSHANOVICH, ALEXANDER, US

[72] MENTE, DONALD C., US

[72] KUMAR, RAJESH, US

[71] BASF SE, DE

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[25] EN

[54] **IP-10 ANTIBODY DOSAGE ESCALATION REGIMENS**

[54] **SCHEMAS POSOLOGIQUES A DOSES PROGRESSIVEMENT CROISSANTES D'ANTICORPS ANTI-IP-10**

[72] LUO, ALLISON Y., US

[72] TRIGONA, WENDY L., US

[72] SHEN, JINSHAN, US

[72] XU, LI-AN, US

[72] ZHANG, YAN, US

[72] STOUFFER, BRUCE, US

[72] CHEN, HAIBIN, US

[72] HUANG, HAICHUN, US

[72] TAO, XIAOLU, US

[72] BROCKUS, CATHERINE, US

[71] BRISTOL-MYERS SQUIBB COMPANY, US

[85] 2013-10-28

[86] 2012-04-27 (PCT/US2012/035457)

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[30] US (61/480,938) 2011-04-29

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[13] A1

[51] **Int.Cl. B25C 1/00 (2006.01)**

[25] EN

[54] **SIDE-BY-SIDE MULTI-STRIP MAGAZINE FOR FASTENER DRIVING TOOL**

[54] **MAGASIN A BANDES MULTIPLES COTE A COTE POUR OUTIL D'ACTIONNEMENT D'ELEMENT DE FIXATION**

[72] SEGURA, RICARDO, US

[72] FRANCIS, RYAN, US

[71] ILLINOIS TOOL WORKS INC., US

[85] 2013-10-28

[86] 2012-05-04 (PCT/US2012/036550)

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[30] US (13/102,188) 2011-05-06

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[51] <b>Int.Cl. G01R 31/12 (2006.01)</b> [25] EN [54] <b>IN-SITU DATA ACQUISITION SYSTEMS AND METHODS</b> [54] <b>SYSTEMES ET PROCEDES D'ACQUISITION DE DONNEES IN SITU</b> [72] STAGI, WILLIAM, US [72] MOREL, OSCAR E., US [72] HALL, NELSON, US [72] SHU, WEN, US [72] GUO, JUN, US [72] STEELE, JAMES, US [71] UTILX CORPORATION, US [85] 2013-10-28 [86] 2012-04-30 (PCT/US2012/035891) [87] (WO2012/149571) [30] US (61/481,071) 2011-04-29	[51] <b>Int.Cl. H04W 4/06 (2009.01)</b> [25] EN [54] <b>METHOD AND SYSTEM FOR TRANSMISSION AND RECEPTION OF SIGNALS AND RELATED METHOD OF SIGNALING</b> [54] <b>PROCEDE ET SYSTEME D'EMISSION ET DE RECEPTION DE SIGNAUX ET PROCEDE APPARENTE DE SIGNALISATION</b> [72] XIAO, WEIMIN, US [72] CLASSON, BRIAN, US [72] QU, BINGYU, US [71] HUAWEI TECHNOLOGIES CO., LTD., CN [85] 2013-10-28 [86] 2012-04-30 (PCT/US2012/035861) [87] (WO2012/149559) [30] US (61/480,979) 2011-04-29 [30] US (13/458,672) 2012-04-27	[51] <b>Int.Cl. F27B 9/36 (2006.01) C21D 1/34 (2006.01) F27B 9/40 (2006.01)</b> [25] EN [54] <b>METHOD FOR HEATING A SHAPED COMPONENT FOR A SUBSEQUENT PRESS HARDENING OPERATION AND CONTINUOUS FURNACE FOR REGIONALLY HEATING A SHAPED COMPONENT PREHEATED TO A PREDETERMINED TEMPERATURE TO A HIGHER TEMPERATURE</b> [54] <b>PROCEDE DE RECHAUFFEMENT D'UN ELEMENT FACONNE POUR UNE TREMPE A LA PRESSE EFFECTUEE PAR LA SUITE ET FOUR CONTINU DESTINE AU RECHAUFFEMENT PAR ENDROITS D'UN ELEMENT FACONNE PRECHAUFFE A UNE TEMPERATURE PREDEFINIE A UNE TEMPERATURE PLUS ELEVEE</b> [72] ECKERTSBERGER, GERALD, AT [72] MORBITZER, EDUARD, AT [72] EBNER, ROBERT, AT [72] EBNER, JOSEF FRITZ, AT [71] EBNER INDUSTRIEOFENBAU GMBH, AT [85] 2013-10-29 [86] 2011-06-30 (PCT/AT2011/000286) [87] (WO2013/000001)
[21] <b>2,834,555</b> [13] A1	[21] <b>2,834,557</b> [13] A1	
[51] <b>Int.Cl. F04B 19/20 (2006.01) A61M 5/42 (2006.01) F04B 23/02 (2006.01)</b> [25] EN [54] <b>SYSTEM AND METHOD OF DIFFERENTIAL PRESSURE CONTROL OF A RECIPROCATING ELECTROKINETIC PUMP</b> [54] <b>SYSTEME ET PROCEDE DE COMMANDE DE PRESSION DIFFERENTIELLE D'UNE POMPE ELECTROCINETIQUE A MOUVEMENT ALTERNATIF</b> [72] NIP, KENNETH KEI-HO, US [72] HENCKEN, KENNETH R., US [72] SHIEH, DORIS SUN-CHIA, US [72] LEWIS, ROBERT B., US [72] MAI, TUAN QUOC, US [71] EKSIGENT TECHNOLOGIES, LLC, US [85] 2013-10-28 [86] 2012-05-07 (PCT/US2012/036810) [87] (WO2012/151581) [30] US (61/482,960) 2011-05-05	[51] <b>Int.Cl. A61B 17/072 (2006.01)</b> [25] EN [54] <b>COMPRESSIBLE STAPLE CARTRIDGE ASSEMBLY</b> [54] <b>ENSEMBLE CARTOUCHE D'AGRAFES COMPRESSIBLE</b> [72] SHELTON, FREDERICK E., IV, US [72] BAXTER, CHESTER O., US [72] ARONHALT, TAYLOR W., US [72] YOUNG, JOSEPH E., US [71] ETHICON ENDO-SURGERY, INC., US [85] 2013-10-28 [86] 2012-04-11 (PCT/US2012/032979) [87] (WO2012/148669) [30] US (13/097,907) 2011-04-29	

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[21] **2,834,559**  
[13] A1

[51] **Int.Cl. A61N 5/10 (2006.01)**  
[25] EN  
[54] **DOSIMETRICALLY  
CUSTOMIZABLE  
BRACHYTHERAPY CARRIERS  
AND METHODS THEREOF IN  
THE TREATMENT OF TUMORS**  
[54] **APPLICATEURS DE  
CURIETHERAPIE A DOSES  
PERSONNALISABLES ET  
METHODES DE TRAITEMENT  
DES TUMEURS LES UTILISANT**  
[72] THOMAS, THERESA, US  
[72] NAKAJI, PETER, US  
[72] BRACHMAN, DAVID, US  
[72] MCBRIDE, HEYOUNG, US  
[72] YOUSSEF, EMAD, US  
[71] THOMAS, THERESA, US  
[71] NAKAJI, PETER, US  
[71] BRACHMAN, DAVID, US  
[71] MCBRIDE, HEYOUNG, US  
[71] YOUSSEF, EMAD, US  
[85] 2013-10-28  
[86] 2012-04-30 (PCT/US2012/035907)  
[87] (WO2012/149580)  
[30] US (61/480,304) 2011-04-28

[21] **2,834,560**  
[13] A1

[51] **Int.Cl. G07F 9/06 (2006.01) A45C 1/10  
(2006.01) A45C 11/00 (2006.01)**  
[25] EN  
[54] **COIN CAPSULE**  
[54] **CAPSULE DESTINEE A  
CONTENIR DES PIECES DE  
MONNAIE**  
[72] APPAY, DOMINIQUE, AU  
[72] MACKEN, KEN, AU  
[72] KOLODZIEJCZYK, BOGDAN, AU  
[72] TRINH, CHRIS, AU  
[71] ROYAL AUSTRALIAN MINT, AU  
[85] 2013-10-29  
[86] 2012-04-13 (PCT/AU2012/000374)  
[87] (WO2012/149593)  
[30] AU (2011901618) 2011-05-02

[21] **2,834,561**  
[13] A1

[51] **Int.Cl. H04W 52/36 (2009.01)**  
[25] EN  
[54] **POWER HEADROOM  
REPORTING RELATED TO  
POWER MANAGEMENT  
MAXIMUM POWER REDUCTION**  
[54] **RAPPORT DE MARGE DE  
PUISSANCE RELATIF A UNE  
REDUCTION DE PUISSANCE  
MAXIMALE POUR GESTION DE  
L'ENERGIE**  
[72] HO, SAI YIU DUNCAN, US  
[72] GAAL, PETER, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2013-10-28  
[86] 2012-05-04 (PCT/US2012/036620)  
[87] (WO2012/154588)  
[30] US (61/483,562) 2011-05-06  
[30] US (13/455,014) 2012-04-24

[21] **2,834,562**  
[13] A1

[51] **Int.Cl. A62C 3/08 (2006.01) A62C  
37/00 (2006.01)**  
[25] EN  
[54] **SUPPRESSING A FIRE  
CONDITION IN A CARGO  
CONTAINER**  
[54] **ELIMINER UN INCENDIE DANS  
UN CONTENEUR**  
[72] RANSOM, JOHN H., JR., US  
[71] UNITED PARCEL SERVICE OF  
AMERICA, INC., US  
[85] 2013-10-28  
[86] 2012-05-01 (PCT/US2012/035928)  
[87] (WO2012/173708)  
[30] US (61/498,018) 2011-06-17

[21] **2,834,564**  
[13] A1

[51] **Int.Cl. A61F 2/16 (2006.01)**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR  
DETERMINING INTRAOCULAR  
LENS POWER**  
[54] **SYSTEMES ET PROCEDES DE  
DETERMINATION DE LA  
PUISSANCE D'UNE LENTILLE  
INTRAOCULAIRE**  
[72] VAN DER MOOREN, MARRIE H.,  
NL  
[72] CANOVAS VIDAL, CARMEN, NL  
[72] PIERS, PATRICIA ANN, NL  
[71] AMO GRONINGEN B.V., NL  
[85] 2013-10-28  
[86] 2012-04-27 (PCT/US2012/035539)  
[87] (WO2012/149383)  
[30] US (61/480,589) 2011-04-29

[21] **2,834,566**  
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61K  
31/4745 (2006.01) A61K 31/7068  
(2006.01) A61P 35/00 (2006.01) C12N  
15/13 (2006.01) C07K 16/28 (2006.01)  
C07K 16/46 (2006.01)**  
[25] EN  
[54] **THERAPEUTIC ANTI-IGF1R  
COMBINATIONS**  
[54] **COMBINAISONS D'ANTI-IGF1R  
THERAPEUTIQUES**  
[72] GOETSCH, LILIANE, FR  
[72] HSU, KARL, US  
[71] MERCK SHARP & DOHME CORP.,  
US  
[85] 2013-10-28  
[86] 2012-05-15 (PCT/US2012/037864)  
[87] (WO2012/158657)  
[30] US (61/487,452) 2011-05-18



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[13] A1

[51] **Int.Cl. C08L 77/00 (2006.01) C08K 7/28 (2006.01) C08K 9/06 (2006.01) C08L 23/12 (2006.01) C08L 23/26 (2006.01)**

[25] EN

[54] **THERMOPLASTIC RESIN COMPOSITE CONTAINING HOLLOW GLASS MICROSPHERES**

[54] **COMPOSITE DE RESINE THERMOPLASTIQUE CONTENANT DES MICROBILLES DE VERRE CREUSES**

[72] TAKEISHI, TOWAKO, JP

[72] YAMABE, TAKUJIRO, JP

[72] TAKAKUWA, KYOKO, JP

[71] 3M INNOVATIVE PROPERTIES COMPANY, US

[85] 2013-10-28

[86] 2012-05-01 (PCT/US2012/035939)

[87] (WO2012/151178)

[30] JP (2011-102637) 2011-05-02

[21] **2,834,568**  
[13] A1

[51] **Int.Cl. E21B 21/06 (2006.01) E21B 21/01 (2006.01) E21B 27/02 (2006.01)**

[25] EN

[54] **DRILLING WASTE TREATMENT**

[54] **TRAITEMENT DE RESIDUS DE FORAGE**

[72] ANDERSON, TREY, US

[72] FOUT, GARY E., US

[72] LOGAN, GORDON MACMILLAN, GB

[72] KOCH, JOHN, US

[71] M-I L.L.C., US

[85] 2013-10-28

[86] 2012-04-27 (PCT/US2012/035487)

[87] (WO2012/149345)

[30] US (61/480,776) 2011-04-29

[21] **2,834,569**  
[13] A1

[51] **Int.Cl. C10L 1/14 (2006.01) C10L 10/18 (2006.01) C10M 141/10 (2006.01) C10M 163/00 (2006.01)**

[25] EN

[54] **STABILIZED BLENDS CONTAINING FRICTION MODIFIERS**

[54] **MELANGES STABILISES CONTENANT DES MODIFICATEURS DE FROTTEMENT**

[72] BURRINGTON, JAMES D., US

[72] DELBRIDGE, EWAN E., US

[72] IVANCIC, DANIELLE N., US

[71] THE LUBRIZOL CORPORATION, US

[85] 2013-10-28

[86] 2012-05-15 (PCT/US2012/037920)

[87] (WO2012/162027)

[30] US (61/490,236) 2011-05-26

[21] **2,834,572**  
[13] A1

[51] **Int.Cl. G01N 33/28 (2006.01) G01N 27/06 (2006.01)**

[25] EN

[54] **METHOD, SOLVENT FORMULATION, AND APPARATUS FOR THE MEASUREMENT OF THE SALT CONTENT IN PETROLEUM FLUIDS**

[54] **PROCEDE, FORMULATION DE SOLVANT ET APPAREIL POUR LA MESURE DE LA TENEUR EN SEL DE FLUIDES PETROLIERS**

[72] DUVAL, SEBASTIEN A., SA

[72] LESS, SIMONE, SA

[72] TAMMANA, VEERA VENKATA R., SA

[72] VILAGINES, REGIS D., SA

[71] SAUDI ARABIAN OIL COMPANY, SA

[85] 2013-10-28

[86] 2012-05-15 (PCT/US2012/037925)

[87] (WO2012/158684)

[30] US (13/110,040) 2011-05-18

[21] **2,834,574**  
[13] A1

[51] **Int.Cl. C07D 215/56 (2006.01) A61K 31/47 (2006.01) A61P 11/12 (2006.01) C07B 59/00 (2006.01)**

[25] EN

[54] **DEUTERATED DERIVATIVES OF IVACAFTOR**

[54] **DERIVES DEUTERES DE L'IVACAFTOR**

[72] MORGAN, ADAM J., US

[71] CONCERT PHARMACEUTICALS INC., US

[85] 2013-10-28

[86] 2012-05-17 (PCT/US2012/038297)

[87] (WO2012/158885)

[30] US (61/487,497) 2011-05-18

[21] **2,834,576**  
[13] A1

[51] **Int.Cl. H01M 10/44 (2006.01) G01D 4/00 (2006.01) H01M 6/50 (2006.01) H01M 10/42 (2006.01) H01M 10/48 (2006.01)**

[25] EN

[54] **A METHOD AND APPARATUS FOR REDUCING BATTERY PASSIVATION IN A METER-READING MODULE**

[54] **PROCEDE ET APPAREIL DE REDUCTION DE LA PASSIVATION D'UNE PILE DANS UN MODULE DE LECTURE DE COMPTEUR**

[72] HEATH, NICHOLAS, US

[71] SENSUS USA INC., US

[85] 2013-10-28

[86] 2012-05-01 (PCT/US2012/035948)

[87] (WO2012/151185)

[30] US (13/101,203) 2011-05-05

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[13] A1

[51] **Int.Cl. C40B 40/08 (2006.01) C07K 7/00 (2006.01)**  
[25] EN  
[54] **METHOD OF DETERMINING, IDENTIFYING OR ISOLATING CELL-PENETRATING PEPTIDES**  
[54] **PROCEDE DE DETERMINATION, D'IDENTIFICATION OU D'ISOLEMENT DE PEPTIDES PENETRANT DANS DES CELLULES**  
[72] WATT, PAUL MICHAEL, AU  
[72] HOPKINS, RICHARD, AU  
[72] HOFFMAN, KATRIN, AU  
[71] PHYLOGICA LIMITED, AU  
[85] 2013-10-29  
[86] 2012-05-23 (PCT/AU2012/000579)  
[87] (WO2012/159164)  
[30] US (61/489,198) 2011-05-23

[21] **2,834,579**  
[13] A1

[51] **Int.Cl. B41M 1/00 (2006.01)**  
[25] EN  
[54] **TWO-PACK PLASTISOL INK COMPOSITIONS FOR SCREEN PRINTING OF TEXTILES**  
[54] **COMPOSITIONS D'ENCRE PLASTISOL EN EMBALLAGE DOUBLE POUR SERIGRAPHIE SUR TEXTILES**  
[72] HURLEY, JAMES M., US  
[72] BURKUS, FRANK S., US  
[72] SALY, ERIK M., US  
[72] SEAGRAVES, J. KEVIN, US  
[71] POLYONE CORPORATION, US  
[85] 2013-10-28  
[86] 2012-05-01 (PCT/US2012/035985)  
[87] (WO2012/151202)  
[30] US (61/481,707) 2011-05-02

[21] **2,834,580**  
[13] A1

[51] **Int.Cl. A44B 11/26 (2006.01) A44B 11/10 (2006.01) A44B 11/25 (2006.01)**  
[25] EN  
[54] **BELT BUCKLE**  
[54] **BOUCLE DE CEINTURE**  
[72] HORTNAGL, ANDREAS, AT  
[71] ABA HORTNAGL GMBH, AT  
[85] 2013-10-29  
[86] 2012-05-23 (PCT/AT2012/000144)  
[87] (WO2012/162712)  
[30] AT (A 783/2011) 2011-05-27

[21] **2,834,581**  
[13] A1

[51] **Int.Cl. C07K 14/415 (2006.01) A01H 5/00 (2006.01) C12N 15/11 (2006.01) C12N 15/29 (2006.01) C12N 15/82 (2006.01)**  
[25] EN  
[54] **DROUGHT TOLERANCE ASSOCIATED PROTEIN DT1 AND CODING SEQUENCE AND APPLICATION THEREOF**  
[54] **PROTEINE ASSOCIEE A LA TOLERANCE A LA SECHERESSE DT1 ET SEQUENCE CODANTE ET APPLICATION DE CELLE-CI**  
[72] SUN, CHUANQING, CN  
[72] ZHANG, XIA, CN  
[72] LIU, FENGXIA, CN  
[72] WANG, NA, CN  
[72] SU, ZHEN, CN  
[72] TAN, LUBIN, CN  
[72] ZHU, ZUOFENG, CN  
[72] FU, YONGCAI, CN  
[72] XIE, DAOXIN, CN  
[71] CHINA AGRICULTURAL UNIVERSITY, CN  
[85] 2013-10-29  
[86] 2012-05-09 (PCT/CN2012/075230)  
[87] (WO2012/152216)  
[30] CN (201110119679.2) 2011-05-10  
[30] CN (201110296327.4) 2011-09-27

[21] **2,834,583**  
[13] A1

[51] **Int.Cl. G02B 6/44 (2006.01) G02B 6/04 (2006.01)**  
[25] EN  
[54] **OPTICAL FIBER CABLE BUNDLE**  
[54] **FAISCEAU DE CABLES A FIBRES OPTIQUES**  
[72] HUDSON, EDWARD H., US  
[72] HURLEY, WILLIAM C., US  
[72] MCALPINE, WARREN W., US  
[72] SEDDON, DAVID A., US  
[71] CORNING CABLE SYSTEMS LLC, US  
[85] 2013-10-28  
[86] 2012-05-02 (PCT/US2012/036048)  
[87] (WO2012/151231)  
[30] US (61/481,925) 2011-05-03

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[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) A61K 38/17 (2006.01) A61K 47/48 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01)**  
[25] EN  
[54] **FGFR-FC FUSION PROTEIN AND USE THEREOF**  
[54] **PROTEINE DE FUSION FGFR-FC ET SON UTILISATION**  
[72] FANG, JIANMIN, CN  
[72] LI, DONG, CN  
[71] YANTAI RONGCHANG BIOTECHNOLOGIES CO., LTD., CN  
[85] 2013-10-29  
[86] 2012-05-18 (PCT/CN2012/075706)  
[87] (WO2012/159550)  
[30] CN (201110132218.9) 2011-05-20

[21] **2,834,585**  
[13] A1

[51] **Int.Cl. B42F 21/00 (2006.01) B42F 15/00 (2006.01)**  
[25] EN  
[54] **LIFT TAB HANGING STRUCTURE**  
[54] **STRUCTURE SUSPENDUE A PATTE DE SOULEVEMENT**  
[72] DOBSON, PAUL F., US  
[71] ESSELTE CORPORATION, US  
[85] 2013-10-28  
[86] 2012-05-17 (PCT/US2012/038345)  
[87] (WO2013/066406)  
[30] US (61/487,171) 2011-05-17

[21] **2,834,586**  
[13] A1

[51] **Int.Cl. E21B 17/042 (2006.01) F16L 15/00 (2006.01)**  
[25] EN  
[54] **TUBULAR CONNECTION AND ASSOCIATED THREAD FORM**  
[54] **LIAISON TUBULAIRE ET FORME DE FILETAGE ASSOCIEE**  
[72] BANKER, EDWARD O., US  
[71] ULTRA PREMIUM OILFIELD SERVICES, LTD., US  
[85] 2013-10-28  
[86] 2012-05-21 (PCT/US2012/038768)  
[87] (WO2012/162214)  
[30] US (13/114,757) 2011-05-24

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[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01)**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGEMENT OF ENCRYPTED DATA**  
[54] **SYSTEME ET PROCEDE DE GESTION DE DONNEES CHIFFREES**  
[72] CROWE, DOUGLAS NORMAN, US  
[71] CROWE, DOUGLAS NORMAN, US  
[85] 2013-10-28  
[86] 2012-05-02 (PCT/US2012/036066)  
[87] (WO2012/151246)  
[30] US (61/481,825) 2011-05-03  
[30] US (13/461,462) 2012-05-01

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 31/415 (2006.01) A61K 31/4164 (2006.01)**  
[25] EN  
[54] **METHOD FOR DETERMINING CLINICALLY RELEVANT HYPOXIA IN CANCER**  
[54] **METHODE DE DETERMINATION DE LA PRESENCE D'UNE HYPOXIE CLINIQUEMENT PERTINENTE EN CAS DE CANCER**  
[72] OVERGAARD, JENS, DK  
[72] SORENSEN, BRITA SINGERS, DK  
[72] ALSNER, JAN, DK  
[72] WIUF, CARSTEN, DK  
[72] NORDSMARK, MARIANNE, DK  
[72] TOUSTRUP, KASPER, DK  
[71] OVERGAARD, JENS, DK  
[71] SORENSEN, BRITA SINGERS, DK  
[71] ALSNER, JAN, DK  
[71] WIUF, CARSTEN, DK  
[71] NORDSMARK, MARIANNE, DK  
[71] TOUSTRUP, KASPER, DK  
[85] 2013-10-29  
[86] 2012-04-30 (PCT/DK2012/050144)  
[87] (WO2012/146259)  
[30] DK (PA201170212) 2011-04-29

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[13] A1

[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/395 (2006.01) A61P 29/00 (2006.01) C07K 16/24 (2006.01) C07K 16/42 (2006.01) C07K 19/00 (2006.01) C12P 21/00 (2006.01)**  
[25] EN  
[54] **METHOD FOR PREPARING FC-CONTAINING POLYPEPTIDES HAVING IMPROVED PROPERTIES**  
[54] **PROCEDE DE PREPARATION DE POLYPEPTIDES CONTENANT FC A PROPRIETES AMELIOREES**  
[72] ZHA, DONGXING, US  
[71] MERCK SHARP & DOHME CORP., US  
[85] 2013-10-28  
[86] 2012-05-22 (PCT/US2012/038915)  
[87] (WO2012/162277)  
[30] US (61/489,743) 2011-05-25

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[13] A1

[51] **Int.Cl. A61B 18/14 (2006.01)**  
[25] EN  
[54] **AN ELECTROSURGICAL PENCIL, A KIT OF PARTS COMPRISING AN ELECTROSURGICAL PENCIL, AND A METHOD OF PROVIDING AN ELECTROSURGICAL PENCIL**  
[54] **STYLO ELECTROCHIRURGICAL, TROUSSE DE PIECES COMPRENANT UN STYLO ELECTROCHIRURGICAL, ET PROCEDE POUR OBTENIR UN STYLO ELECTROCHIRURGICAL**  
[72] BUSCH-MADSEN, MICHAEL, DK  
[72] BUSCH-MADSEN, PATRICK, DK  
[71] CIMPAX APS, DK  
[85] 2013-10-29  
[86] 2012-05-18 (PCT/DK2012/050176)  
[87] (WO2012/155922)  
[30] DK (PA 2011 70251) 2011-05-19

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[13] A1

[51] **Int.Cl. H05G 1/02 (2006.01)**  
[25] EN  
[54] **APPARATUS AND METHOD TO GENERATE X-RAYS BY CONTACT ELECTRIFICATION**  
[54] **APPAREIL ET PROCEDE DE GENERATION DE RAYONS X PAR EFFET VOLTA (EFFET ELECTRIQUE LIE AU CONTACT)**  
[72] CAMARA, CARLOS, US  
[72] PUTTERMAN, SETH J., US  
[72] HIRD, JONATHAN, GB  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2013-10-28  
[86] 2012-05-03 (PCT/US2012/036310)  
[87] (WO2012/154494)  
[30] US (61/482,031) 2011-05-03

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[13] A1

[51] **Int.Cl. C09B 29/00 (2006.01) C09B 69/00 (2006.01) C11D 3/42 (2006.01)**  
[25] EN  
[54] **THIOPHENE AZO CARBOXYLATE DYES AND LAUNDRY CARE COMPOSITIONS CONTAINING THE SAME**  
[54] **COLORANTS THIOPHENEAZOCARBOXYLATE S ET COMPOSITIONS D'ENTRETIEN DU LINGE LES CONTENANT**  
[72] TORRES, EDUARDO, US  
[72] BRUHNKE, JOHN D., US  
[72] DEY, SANJEEV K., US  
[72] MIRACLE, GREGORY S., US  
[71] MILLIKEN & COMPANY, US  
[85] 2013-10-28  
[86] 2012-05-25 (PCT/US2012/039537)  
[87] (WO2012/166584)  
[30] US (61/492,935) 2011-06-03  
[30] US (13/479,340) 2012-05-24

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[13] A1

[51] **Int.Cl. F03D 1/06 (2006.01) F03B 3/12 (2006.01) F03D 1/04 (2006.01)**  
[25] EN  
[54] **TURBINE WITH UNEVENLY LOADED ROTOR BLADES**  
[54] **TURBINE A AUBES DE ROTOR IRREGULIEREMENT CHARGEES**  
[72] PRESZ, WALTER M., US  
[72] WERLE, MICHAEL J., US  
[72] DOLD, ROBERT, US  
[72] HICKEY, TIMOTHY, US  
[71] FLODESIGN WIND TURBINE CORP., US  
[85] 2013-10-28  
[86] 2012-05-25 (PCT/US2012/039644)  
[87] (WO2012/166625)  
[30] US (61/490,841) 2011-05-27

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[13] A1

[51] **Int.Cl. G07F 17/32 (2006.01)**  
[25] EN  
[54] **GAMBLING AND/OR GAMING APPARATUS**  
[54] **DISPOSITIF DE PARI ET/OU DE JEU**  
[72] KAIBLINGER, HARALD, AT  
[72] SCHROTTER, FLORIAN, AT  
[71] NOVOMATIC AG, AT  
[85] 2013-10-29  
[86] 2011-05-03 (PCT/EP2011/002202)  
[87] (WO2012/149943)

[21] **2,834,598**  
[13] A1

[51] **Int.Cl. C08J 9/12 (2006.01) B32B 5/18 (2006.01)**  
[25] EN  
[54] **CLOSED-CELL TANNIN-BASED FOAMS**  
[54] **MOUSSES A CELLULES FERMEES A BASE DE TANIN**  
[72] COBB, MICHAEL W., US  
[72] GALANTE, VINCENT, FR  
[72] HARMER, MARK ANDREW, US  
[72] KAPUR, VIVEK, US  
[72] WILLIAMS, SHARLENE RENEE, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2013-10-28  
[86] 2012-05-25 (PCT/US2012/039682)  
[87] (WO2012/162653)  
[30] US (61/489,787) 2011-05-25  
[30] US (61/489,854) 2011-05-25  
[30] US (61/489,790) 2011-05-25  
[30] US (61/489,795) 2011-05-25  
[30] US (61/489,803) 2011-05-25  
[30] US (61/489,847) 2011-05-25

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[13] A1

[51] **Int.Cl. A61K 39/385 (2006.01) A61K 9/14 (2006.01) A61P 37/06 (2006.01)**  
[25] EN  
[54] **TOLEROGENIC SYNTHETIC NANOCARRIERS FOR ANTIGEN-SPECIFIC DELETION OF T EFFECTOR CELLS**  
[54] **NANOVECTEURS SYNTHETIQUES TOLEROGENES DESTINES A UNE DELETION, SPECIFIQUE A UN ANTIGENE, DE CELLULES EFFECTRICES**  
[72] FRASER, CHRISTOPHER, US  
[72] KISHIMOTO, TAKASHI KEI, US  
[72] MALDONADO, ROBERTO A., US  
[71] SELECTA BIOSCIENCES, INC., US  
[85] 2013-10-28  
[86] 2012-04-27 (PCT/US2012/035555)  
[87] (WO2012/149393)  
[30] US (61/480,946) 2011-04-29  
[30] US (61/513,514) 2011-07-29  
[30] US (61/531,153) 2011-09-06  
[30] US (61/531,194) 2011-09-06  
[30] US (61/531,147) 2011-09-06  
[30] US (61/531,175) 2011-09-06  
[30] US (61/531,180) 2011-09-06  
[30] US (61/531,164) 2011-09-06  
[30] US (61/531,209) 2011-09-06  
[30] US (61/531,215) 2011-09-06  
[30] US (61/531,204) 2011-09-06  
[30] US (61/531,168) 2011-09-06

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[13] A1

[51] **Int.Cl. C08J 9/00 (2006.01)**  
[25] EN  
[54] **MIXED TANNIN-PHENOLIC FOAMS**  
[54] **MOUSSES MIXTES TANNIQUES-PHENOLIQUES**  
[72] COBB, MICHAEL W., US  
[72] HARMER, MARK ANDREW, US  
[72] KAPUR, VIVEK, US  
[72] LIAUW, ANN Y, US  
[72] WILLIAMS, SHARLENE RENEE, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2013-10-28  
[86] 2012-05-25 (PCT/US2012/039747)  
[87] (WO2012/162681)  
[30] US (61/489,847) 2011-05-25  
[30] US (61/489,854) 2011-05-25  
[30] US (61/489,787) 2011-05-25  
[30] US (61/489,790) 2011-05-25  
[30] US (61/489,795) 2011-05-25  
[30] US (61/489,803) 2011-05-25  
[30] US (61/489,807) 2011-05-25

[21] **2,834,601**  
[13] A1

[51] **Int.Cl. F16K 1/36 (2006.01) F16K 1/48 (2006.01)**  
[25] EN  
[54] **MULTI-PIECE FLOW CONTROL APPARATUS FOR USE WITH FLUID VALVES**  
[54] **APPAREIL DE COMMANDE DE L'ECOULEMENT A PIECES MULTIPLES DESTINE A ETRE UTILISE AVEC DES VANNES POUR FLUIDES**  
[72] MCCARTY, MICHAEL WILDIE, US  
[71] FISHER CONTROLS INTERNATIONAL LLC, US  
[85] 2013-10-28  
[86] 2012-05-03 (PCT/US2012/036331)  
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[51] **Int.Cl. A61K 31/4965 (2006.01) A61K 31/497 (2006.01) A61P 7/06 (2006.01)**

[25] EN

[54] **PYRUVATE KINASE ACTIVATORS FOR USE IN THERAPY**

[54] **ACTIVATEURS DE LA PYRUVATE KINASE DESTINES A ETRE UTILISES EN THERAPIE**

[72] SU, SHIN-SAN MICHAEL, US

[71] AGIOS PHARMACEUTICALS, INC., US

[85] 2013-10-28

[86] 2012-05-03 (PCT/US2012/036412)

[87] (WO2012/151451)

[30] US (61/482,171) 2011-05-03

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[21] **2,834,603**  
[13] A1

[51] **Int.Cl. C08J 9/12 (2006.01)**

[25] EN

[54] **CLOSED-CELL TANNIN-BASED FOAMS WITHOUT FORMALDEHYDE**

[54] **MOUSSES A CELLULES FERMEES A BASE DE TANIN EXEMPTES DE FORMALDEHYDE**

[72] HARMER, MARK ANDREW, US

[72] KAPUR, VIVEK, US

[72] WILLIAMS, SHARLENE RENEE, US

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

[85] 2013-10-28

[86] 2012-05-25 (PCT/US2012/039756)

[87] (WO2012/162684)

[30] US (61/489,854) 2011-05-25

[30] US (61/489,787) 2011-05-25

[30] US (61/489,790) 2011-05-25

[30] US (61/489,795) 2011-05-25

[30] US (61/489,803) 2011-05-25

[30] US (61/489,847) 2011-05-25

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[13] A1

[51] **Int.Cl. A01N 43/54 (2006.01) A61K 31/505 (2006.01)**

[25] EN

[54] **AMINOPYRIMIDINES AS SYK INHIBITORS**

[54] **AMINOPYRIMIDINES EN TANT QU'INHIBITEURS DE SYK**

[72] ALTMAN, MICHAEL D., US

[72] CHILDERS, KALEEN KONRAD, US

[72] DI FRANCESCO, MARIA EMILIA, US

[72] ELLIS, JOHN MICHAEL, US

[72] FISCHER, CHRISTIAN, US

[72] GRIMM, JONATHAN, US

[72] HAIDLE, ANDREW M., US

[72] KATTAR, SOLOMON D., US

[72] NORTHROP, ALAN B., US

[72] OTTE, RYAN D., US

[72] PETROCCHI, ALESSIA, US

[72] SCHELL, ADAM J., US

[72] ZHOU, HUA, US

[71] MERCK SHARP & DOHME CORP., US

[85] 2013-10-28

[86] 2012-05-04 (PCT/US2012/036423)

[87] (WO2012/154519)

[30] US (61/484,418) 2011-05-10

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[21] **2,834,606**  
[13] A1

[51] **Int.Cl. A61M 5/315 (2006.01)**

[25] EN

[54] **MECHANICALLY ASSISTED INFLATION DEVICE HANDLE AND METHOD OF USE**

[54] **POIGNEE DE DISPOSITIF DE GONFLEMENT MECANIQUE ET PROCEDE D'UTILISATION**

[72] LAMPROPOULOS, FRED, US

[72] STEVENS, BRIAN, US

[72] PADILLA, WILLIAM, US

[72] MCARTHUR, GREGORY R., US

[71] MERIT MEDICAL SYSTEMS, INC., US

[85] 2013-10-28

[86] 2012-05-04 (PCT/US2012/036473)

[87] (WO2012/154539)

[30] US (61/483,564) 2011-05-06

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[13] A1

[51] **Int.Cl. C08G 65/00 (2006.01)**

[25] EN

[54] **AMPHOTERIC POLYMER COMPOSITION**

[54] **COMPOSITION DE POLYMERES AMPHOTERE**

[72] AULD, KATHLEEN, US

[72] BROWN, WARD THOMAS, US

[72] HENDERSON, KEVIN J., US

[72] SINGH, ANURIMA, US

[72] VAN DYK, ANTONY K., US

[71] ROHM AND HAAS COMPANY, US

[71] DOW GLOBAL TECHNOLOGIES LLC, US

[85] 2013-10-28

[86] 2012-05-29 (PCT/US2012/039791)

[87] (WO2012/166691)

[30] US (61492561) 2011-06-02

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[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 31/713 (2006.01) A61P 35/00 (2006.01) C07H 21/02 (2006.01) C12N 9/04 (2006.01) C12N 15/53 (2006.01)**

[25] EN

[54] **RNA INTERFERENCE MEDIATED INHIBITION OF ISOCITRATE DEHYDROGENASE (IDH1) GENE EXPRESSION**

[54] **INHIBITION MEDIEE PAR INTERFERENCE PAR ARN DE L'EXPRESSION DU GENE DE L'ISOCITRATE DESHYDROGENASE (IDH1)**

[72] MA, YONG, US

[72] BROWN, DUNCAN, US

[72] BARTZ, STEVEN, US

[71] MERCK SHARP & DOHME CORP., US

[85] 2013-10-28

[86] 2012-06-01 (PCT/US2012/040332)

[87] (WO2012/170284)

[30] US (61/493,570) 2011-06-06

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[13] A1

[51] **Int.Cl. A47C 27/15 (2006.01)**  
[25] EN  
[54] **UNITARY COMPOSITE/HYBRID CUSHIONING STRUCTURES(S) AND PROFILE(S) COMPRISED OF A THERMOPLASTIC FOAM(S) AND A THERMOSET MATERIAL(S) AND RELATED METHODS**  
[54] **STRUCTURES DE REMBOURRAGE HYDRIDES/COMPOSITES MONOBLOC ET PROFIL(S) CONSTITUES DE MOUSSE(S) THERMOPLASTIQUE(S) ET DE MATERIAU(X) THERMODURCI(S) ET PROCEDES CORRESPONDANTS**  
[72] ALLMAN, MICHAEL, US  
[72] CAO, BANGSHU, US  
[72] YIANNAKI, ANDREW COSTAS, US  
[72] SOBRAN, IVAN, US  
[72] HENDERSON, RANDAL LEE, US  
[71] NOMACO, INC., US  
[85] 2013-10-28  
[86] 2012-04-27 (PCT/US2012/035564)  
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[30] US (61/480,780) 2011-04-29

[21] **2,834,618**  
[13] A1

[51] **Int.Cl. A61K 39/12 (2006.01) A61P 31/20 (2006.01) A61P 37/04 (2006.01) C07K 14/025 (2006.01) C12N 7/00 (2006.01)**  
[25] EN  
[54] **HPV VACCINE FORMULATIONS COMPRISING ALUMINUM ADJUVANT AND METHODS OF PRODUCING SAME**  
[54] **FORMULATION DE VACCIN CONTRE LE PAPILLOMAVIRUS COMPRENANT UN ADJUVANT A L'ALUMINIUM, ET PROCEDE DE PRODUCTION CORRESPONDANT**  
[72] BHAMBHANI, AKHILESH, US  
[72] CHINTALA, RAMESH V., US  
[71] MERCK SHARP & DOHME CORP., US  
[85] 2013-10-28  
[86] 2012-06-22 (PCT/US2012/043694)  
[87] (WO2012/177970)  
[30] US (61/500,829) 2011-06-24

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[13] A1

[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/14 (2006.01) A61K 31/445 (2006.01) A61K 47/30 (2006.01) A61K 47/48 (2006.01)**  
[25] EN  
[54] **CONTROLLED RELEASE OF IMMUNOSUPPRESSANTS FROM SYNTHETIC NANOCARRIERS**  
[54] **ADMINISTRATION REGULEE D'IMMUNOSUPPRESSEURS A PARTIR DE NANOVECTEURS SYNTHETIQUES**  
[72] ALTREUTER, DAVID H., US  
[72] GRISSET, AARON P., US  
[72] MALDONADO, ROBERTO A., US  
[71] SELECTA BIOSCIENCES, INC., US  
[85] 2013-10-28  
[86] 2012-04-27 (PCT/US2012/035581)  
[87] (WO2012/149411)  
[30] US (61/480,946) 2011-04-29  
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[30] US (61/531,153) 2011-09-06  
[30] US (61/531,180) 2011-09-06  
[30] US (61/531,215) 2011-09-06  
[30] US (61/531,164) 2011-09-06  
[30] US (61/531,147) 2011-09-06  
[30] US (61/531,204) 2011-09-06  
[30] US (61/531,168) 2011-09-06  
[30] US (61/531,175) 2011-09-06  
[30] US (61/531,194) 2011-09-06  
[30] US (61/531,209) 2011-09-06

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[13] A1

[51] **Int.Cl. A61K 31/5377 (2006.01) A61K 31/443 (2006.01) A61K 31/517 (2006.01) A61K 31/7088 (2006.01) A61K 39/395 (2006.01) A61P 31/14 (2006.01)**  
[25] EN  
[54] **PAR1 INHIBITORS FOR USE IN THE TREATMENT OR PREVENTION OF PARAMYXOVIRIDAE INFECTIONS**  
[54] **INHIBITEURS DE PAR1 DESTINES A ETRE UTILISES DANS LE TRAITEMENT OU LA PREVENTION D'INFECTIONS PAR PARAMYXOVIRIDAE**  
[72] RITEAU, BEATRICE, FR  
[72] BOVIN, GUY, CA  
[72] AERTS, LAETITIA, CA  
[72] HAMELIN, MARIE-EVE, CA  
[71] UNIVERSITE LAVAL, CA  
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR  
[85] 2013-10-29  
[86] 2012-05-11 (PCT/CA2012/000455)  
[87] (WO2012/151687)  
[30] US (61/485,419) 2011-05-12

[21] **2,834,624**  
[13] A1

[51] **Int.Cl. C07K 14/00 (2006.01) A61K 38/16 (2006.01) A61P 9/00 (2006.01) A61P 11/00 (2006.01) A61P 11/06 (2006.01) A61P 17/00 (2006.01) A61P 35/00 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 15/11 (2006.01) C12N 15/63 (2006.01) C12P 21/02 (2006.01)**  
[25] EN  
[54] **IL4/IL13 BINDING REPEAT PROTEINS AND USES**  
[54] **PROTEINES DE REPETITION DE LIAISON A IL4/IL13 ET LEURS UTILISATIONS**  
[72] JACOBS, STEVEN A., US  
[72] O'NEIL, KARYN T., US  
[72] BAUMANN, MICHAEL, CH  
[72] SENNHAUSER, GABY, CH  
[71] JANSSEN BIOTECH, INC., US  
[71] MOLECULAR PARTNERS AG, CH  
[85] 2013-10-28  
[86] 2012-04-27 (PCT/US2012/035613)  
[87] (WO2012/149439)  
[30] US (61/481,008) 2011-04-29  
[30] US (61/481,021) 2011-04-29  
[30] US (61/480,999) 2011-04-29

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- [51] **Int.Cl. H04W 74/04 (2009.01) H04W 88/08 (2009.01)**
- [25] EN
- [54] **METHODS OF PDCCH CAPACITY ENHANCEMENT IN LTE SYSTEMS**
- [54] **PROCEDES D'AMELIORATION DE LA CAPACITE DU CANAL DE COMMANDE DE LIAISON DESCENDANTE PHYSIQUE (PDCCH) DANS DES SYSTEMES LTE**
- [72] GAO, SHIWEI, CA
- [72] XU, HUA, CA
- [72] YU, DONGSHENG, CA
- [72] GUO, SHIGUANG, CA
- [71] BLACKBERRY LIMITED, CA
- [85] 2013-10-29
- [86] 2012-05-01 (PCT/CA2012/050277)
- [87] (WO2012/149651)
- [30] US (61/481,571) 2011-05-02
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## Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

<p style="text-align: center;">[21] <b>2,830,554</b> [13] A1</p> <p>[51] <b>Int.Cl. A61M 5/315 (2006.01)</b> [25] EN [54] <b>POSITIVE DISPLACEMENT STOPPER FOR A PRE- FILLED SYRINGE</b></p> <p>[54] <b>BOUCHON A DEPLACEMENT POSITIF POUR SERINGUE PREREMPLIE</b></p> <p>[72] SCHILLER, ERIC, US [72] QUINN, MICHAEL, US [72] TORRES, JOHANNA, US [72] GUAN, E., US [72] ENONOMOU, ANTHONY, US [72] JU, GANG, US [71] BECTON, DICKINSON AND COMPANY, US [22] 2008-06-04 [41] 2008-12-11 [62] 2,689,122 [30] US (60/941,851) 2007-06-04 [30] US (60/950,741) 2007-07-19</p>	<p style="text-align: center;">[21] <b>2,830,588</b> [13] A1</p> <p>[51] <b>Int.Cl. C07K 14/315 (2006.01) A61K 39/09 (2006.01) A61K 39/385 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 17/10 (2006.01)</b></p> <p>[25] EN [54] <b>CONJUGATION OF STREPTOCOCCAL CAPSULAR SACCHARIDES</b></p> <p>[54] <b>CONJUGAISON DE SACCHARIDES CAPSULAIRES STREPTOCOCCIQUES</b></p> <p>[72] BERTI, FRANCESCO, IT [71] NOVARTIS VACCINES AND DIAGNOSTICS S.R.L., IT [22] 2006-02-01 [41] 2006-08-10 [62] 2,596,683 [30] GB (0502095.3) 2005-02-01</p>	<p style="text-align: center;">[21] <b>2,830,686</b> [13] A1</p> <p>[51] <b>Int.Cl. F28D 19/04 (2006.01) F28F 3/00 (2006.01) F28F 3/02 (2006.01) F28F 3/08 (2006.01) F28F 5/02 (2006.01)</b></p> <p>[25] EN [54] <b>HEAT TRANSFER SHEET FOR ROTARY REGENERATIVE HEAT EXCHANGER</b></p> <p>[54] <b>FEUILLE DE TRANSFERT DE CHALEUR POUR ECHANGEUR DE CHALEUR A RECUPERATION ROTATIF</b></p> <p>[72] O'BOYLE, KEVIN J., US [72] BIRMINGHAM, JAMES W., US [72] MATTISON, GLENN D., US [72] SEEBALD, JAMES D., US [71] ALSTOM TECHNOLOGY LTD, CH [22] 2010-03-12 [41] 2010-11-11 [62] 2,759,895 [30] US (12/437,914) 2009-05-08</p>
<p style="text-align: center;">[21] <b>2,830,583</b> [13] A1</p> <p>[51] <b>Int.Cl. A61F 9/007 (2006.01) A61B 17/00 (2006.01) A61B 18/00 (2006.01)</b></p> <p>[25] EN [54] <b>SYSTEM AND METHOD FOR PULSED ULTRASONIC POWER DELIVERY EMPLOYING CAVITATION EFFECTS</b></p> <p>[54] <b>SYSTEME ET PROCEDE D'APPORT DE PUISSANCE ACOUSTIQUE PULSEE UTILISANT LES EFFETS DE CAVITATION</b></p> <p>[72] KADZIAUSKAS, KENNETH E., US [72] ROCKLEY, PAUL W., US [72] SCHAFER, MARK, US [71] ABBOTT MEDICAL OPTICS INC., US [22] 2004-03-11 [41] 2004-09-23 [62] 2,518,775 [30] US (10/387,327) 2003-03-12</p>	<p style="text-align: center;">[21] <b>2,830,685</b> [13] A1</p> <p>[51] <b>Int.Cl. B65H 75/30 (2006.01) A47K 10/38 (2006.01) B65D 59/02 (2006.01) B65H 16/06 (2006.01) B65H 75/14 (2006.01)</b></p> <p>[25] EN [54] <b>END PLUG FOR A ROLL OF MATERIAL, ROLL OF MATERIAL AND RETENTION MECHANISM IN A DISPENSER</b></p> <p>[54] <b>BOUCHON D'EXTREMITE POUR ROULEAU DE MATERIAU, ROULEAU DE MATERIAU ET MECANISME DE RETENUE DANS UN DISTRIBUTEUR</b></p> <p>[72] LIND, MATS, SE [72] POMMER, STIG, SE [72] LARSSON, BJORN, SE [72] KULLMAN, MARCUS, SE [72] SALAKER, ALLAN, SE [72] UNGER, HELMUT, DE [71] SCA HYGIENE PRODUCTS AB, SE [22] 2006-10-25 [41] 2007-06-14 [62] 2,630,646 [30] EP (05026712.9) 2005-12-07</p>	<p style="text-align: center;">[21] <b>2,830,878</b> [13] A1</p> <p>[25] EN [54] <b>SIGNAL ADAPTIVE FILTERING METHOD, SIGNAL ADAPTIVE FILTER AND COMPUTER READABLE MEDIUM FOR STORING PROGRAM THEREFOR</b></p> <p>[54] <b>PROCEDE DE FILTRAGE ADAPTATIF DE SIGNAUX, FILTRE ADAPTATIF DE SIGNAUX ET SUPPORT LISIBLE PAR UN ORDINATEUR ET DESTINE A CONSERVER UN PROGRAMME CONCU A CET EFFET</b></p> <p>[72] LEE, YUNG LYUL, KR [72] PARK, HUYN WOOK, KR [71] SAMSUNG ELECTRONICS CO., LTD., KR [22] 1998-06-18 [41] 1999-01-28 [62] 2,570,723 [30] KR (1997/33253) 1997-07-16</p>



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[13] A1

[51] **Int.Cl. B41K 1/54 (2006.01) B41K 1/40 (2006.01)**  
[25] EN  
[54] **RUBBER STAMP AND INK PAD FOR A SELF-INKING RUBBER STAMP**  
[54] **TIMBRE ET TAMPON ENCREUR POUR UN TIMBRE AUTOENCREUR**  
[72] ZINDL, PETER, AT  
[72] ZEHETNER, MARKUS, AT  
[72] MARTIN, VOLKER, AT  
[71] TRODAT GMBH, AT  
[22] 2010-01-21  
[41] 2010-08-05  
[62] 2,748,540  
[30] AT (A 174/2009) 2009-01-30  
[30] AT (A 70/2010) 2010-01-20

[21] **2,830,935**  
[13] A1

[51] **Int.Cl. B32B 5/16 (2006.01) B32B 7/04 (2006.01) B32B 15/00 (2006.01)**  
[25] EN  
[54] **MULTILAYER OVERLAYS AND METHODS FOR APPLYING MULTILAYER OVERLAYS**  
[54] **MUTICOUCHES ANTIFRICTION ET METHODES D'APPLICATION**  
[72] AITCHISON, TREVOR, US  
[72] HEFLIN, R. ALLAN, US  
[71] EXTREME SURFACE PROTECTION LTD., CA  
[22] 2009-09-16  
[41] 2010-12-19  
[62] 2,678,874  
[30] US (12/488,167) 2009-06-19

[21] **2,831,037**  
[13] A1

[51] **Int.Cl. B61K 7/20 (2006.01) B61L 7/06 (2006.01)**  
[25] EN  
[54] **DEVICES AND SYSTEMS FOR CONTROLLING TRAVEL OF A RAILCAR**  
[54] **DISPOSITIFS ET SYSTEMES DE CONTROLE DE DEBATTEMENT DE WAGONS FERROVIAIRES**  
[72] HEYDEN, THOMAS J., US  
[72] REITZ, GREGORY P., US  
[72] HOOPER, JOHN A., US  
[72] ZIESE, LOWELL B., US  
[72] THOMAS, JIM, US  
[71] AAA SALES & ENGINEERING, INC., US  
[22] 2009-02-03  
[41] 2010-04-08  
[62] 2,652,172  
[30] US (12/247,810) 2008-10-08

[21] **2,831,082**  
[13] A1

[51] **Int.Cl. C12P 19/14 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01) D21B 1/02 (2006.01) D21C 1/10 (2006.01)**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONVERSION OF CELLULOSIC MATERIAL TO ETHANOL**  
[54] **PROCEDE ET APPAREIL DE CONVERSION DE MATIERE CELLULOSIQUE EN ETHANOL**  
[72] HOLM CHRISTENSEN, BERGE, DK  
[72] HOLM GERLACH, LENA, DK  
[71] INBICON A/S, DK  
[22] 2006-07-19  
[41] 2007-01-25  
[62] 2,615,844  
[30] EP (05015641.3) 2005-07-19  
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[21] **2,831,132**  
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/02 (2009.01) H04W 8/18 (2009.01) G06F 3/14 (2006.01)**  
[25] EN  
[54] **PRESENCE AND GEOGRAPHIC LOCATION NOTIFICATION**  
[54] **NOTIFICATION DE LOCALISATION DE PRESENCE ET DE POSITION GEOGRAPHIQUE**  
[72] FISH, EDMUND J., US  
[71] FACEBOOK, INC., US  
[22] 2004-05-20  
[41] 2004-12-02  
[62] 2,526,187  
[30] US (60/471,743) 2003-05-20

[21] **2,831,170**  
[13] A1

[51] **Int.Cl. H04W 48/10 (2009.01)**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DELIVERY OF ASSISTANCE DATA**  
[54] **PROCEDE ET SYSTEME POUR FOURNIR DES DONNEES D'ASSISTANCE**  
[72] RUDOLF, MARIAN, CA  
[72] HUNKELER, TERESA JOANNE, CA  
[72] DICK, STEPHEN G., US  
[72] RAHMAN, SHAMIM AKBAR, CA  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[22] 2004-07-16  
[41] 2005-02-03  
[62] 2,532,650  
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[21] **2,831,202**  
[13] A1

[51] **Int.Cl. C07H 19/16 (2006.01) A61K 31/7068 (2006.01)**  
[25] EN  
[54] **CAPRAZENE COMPOUNDS AND DERIVATIVES THEREOF**  
[54] **NOUVEAU COMPOSE APPELE CAPRAZENE ET DERIVES DE CELUI-CI ET NOUVEAU COMPOSE APPELE CAPRAZOL ET DERIVES DE CELUI-CI**  
[72] MIYAKE, TOSHIKI, JP  
[72] IGARASHI, MASAYUKI, JP  
[72] SHITARA, TETSUO, JP  
[72] TAKAHASHI, YOSHIKI, JP  
[72] HAMADA, MASA, JP  
[71] ZAIDAN HOJIN BISEIBUTSU KAGAKU KENKYU KAI, JP  
[71] MEIJI SEIKA PHARMA CO., LTD., JP  
[22] 2004-01-30  
[41] 2004-08-12  
[62] 2,773,659  
[30] JP (2003-25323) 2003-01-31

[21] **2,831,246**  
[13] A1

[51] **Int.Cl. G01V 1/28 (2006.01)**  
[25] EN  
[54] **METHOD OF SEISMIC PROCESSING FOR THE DECOMPOSITION OF A WAVEFIELD INTO HARMONIC COMPONENTS**  
[54] **PROCEDE DE TRAITEMENT DE DONNEES SISMIQUES POUR LA DECOMPOSITION D'UN CHAMP D'ONDES EN COMPOSANTS HARMONIQUES**  
[72] SOUBARAS, ROBERT, FR  
[71] CGG SERVICES SA, FR  
[22] 2004-05-27  
[41] 2004-12-09  
[62] 2,527,215  
[30] FR (03 06451) 2003-05-27

[21] **2,831,366**  
[13] A1

[51] **Int.Cl. H01L 41/22 (2013.01) H01L 41/08 (2006.01)**  
[25] EN  
[54] **PIEZOELECTRIC MACRO-FIBER COMPOSITE ACTUATOR AND MANUFACTURING METHOD**  
[54] **ACTIONNEUR PIEZO-ELECTRIQUE, COMPOSITE, A BASE DE MACROFIBRES ET PROCEDE DE FABRICATION ASSOCIE**  
[72] WILKIE, WILLIAM, US  
[72] BRYANT, ROBERT, US  
[72] HELLBAUM, RICHARD, US  
[72] HIGH, JAMES, US  
[72] JALINK, ANTONY, US  
[72] LITTLE, BRUCE, US  
[72] FOX, ROBERT, US  
[72] MIRICK, PAUL, US  
[71] THE GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, US  
[22] 2000-06-29  
[41] 2001-05-10  
[62] 2,389,146  
[30] US (09/430,677) 1999-10-29

[21] **2,831,502**  
[13] A1

[51] **Int.Cl. B01J 10/00 (2006.01) B01F 3/04 (2006.01)**  
[25] EN  
[54] **FLEXIBLE AERATION PANEL AND METHODS OF USE**  
[54] **PANNEAU D'AERATION SOUPLE ET PROCEDES D'UTILISATION**  
[72] ABELLO, JOSE FRANCISCO, US  
[72] IZNAGA, ERNESTO JUAN, US  
[71] PARKSON CORPORATION, US  
[22] 2006-10-26  
[41] 2007-05-03  
[62] 2,627,301  
[30] US (60/730,016) 2005-10-26

[21] **2,831,510**  
[13] A1

[51] **Int.Cl. B25C 5/11 (2006.01)**  
[25] EN  
[54] **MINI DESKTOP STAPLER**  
[54] **MINI-AGRAFEUSE DE BUREAU**  
[72] MARKS, JOEL S., US  
[71] WORKTOOLS, INC., US  
[22] 2007-11-19  
[41] 2008-07-03  
[62] 2,673,169  
[30] US (11/614,007) 2006-12-20

[21] **2,831,518**  
[13] A1

[51] **Int.Cl. C08F 220/28 (2006.01) C08F 8/16 (2006.01) C08F 265/04 (2006.01)**  
[25] EN  
[54] **SIDE-CHAIN CRYSTALLIZABLE POLYMERS FOR MEDICAL APPLICATIONS**  
[54] **POLYMERES CRISTALLISABLES A CHAINE LATERALE POUR APPLICATIONS MEDICALE**  
[72] BRANDOM, DONALD K., US  
[72] MCGRATH, JAMES E., US  
[72] ZELTINGER, JOAN, US  
[72] SCHMID, ERIC V., US  
[72] SCHULTZ, ROBERT K., US  
[71] REVA MEDICAL, INC., US  
[22] 2007-01-16  
[41] 2007-07-26  
[62] 2,636,004  
[30] US (11/335,771) 2006-01-18

[21] **2,832,015**  
[13] A1

[51] **Int.Cl. H04B 1/12 (2006.01) H04B 7/02 (2006.01) H04J 11/00 (2006.01)**  
[25] EN  
[54] **METHODS AND APPARATUS FOR COORDINATION OF SENDING REFERENCE SIGNALS FROM MULTIPLE CELLS**  
[54] **PROCEDES ET APPAREIL DE COORDINATION D'ENVOI DE SIGNAUX DE REFERENCE A PARTIR DE CELLULES MULTIPLES**  
[72] LUO, TAO, US  
[71] QUALCOMM INCORPORATED, US  
[22] 2010-06-22  
[41] 2011-01-13  
[62] 2,766,144  
[30] US (61/219,354) 2009-06-22  
[30] US (12/818,464) 2010-06-18

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demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,832,055**  
[13] A1

[51] **Int.Cl. C04B 41/80 (2006.01) B32B 38/00 (2006.01) H01B 3/18 (2006.01)**

[25] EN

[54] **CERAMIC INSULATOR AND METHODS OF USE AND MANUFACTURE THEREOF**

[54] **ISOLATEUR CERAMIQUE ET SES PROCÉDES D'UTILISATION ET DE FABRICATION**

[72] MCALISTER, ROY E., US

[71] MCALISTER TECHNOLOGIES, LLC, US

[22] 2010-07-21

[41] 2011-03-24

[62] 2,772,043

[30] US (61/237,466) 2009-08-27

[30] US (61/237,479) 2009-08-27

[30] US (61/237,425) 2009-08-27

[30] US (12/581,825) 2009-10-19

[30] US (PCT/US2009/067044) 2009-12-07

[30] US (12/653,085) 2009-12-07

[30] US (61/304,403) 2010-02-13

[30] US (61/312,100) 2010-03-09

[21] **2,832,603**  
[13] A1

[51] **Int.Cl. A43B 13/38 (2006.01)**

[25] EN

[54] **A CUSHIONING PAD FOR A HUMAN FOOT, AN INSOLE AND A SHOE COMPRISING SAID PAD, AND A METHOD FOR THE MANUFACTURE OF SAID INSOLE**

[54] **COUSSINET AMORTISSANT POUR PIED HUMAIN, SEMELLE ET CHAUSSURE COMPRENANT LEDIT COUSSINET ET PROCÉDE DE FABRICATION DE LADITE SEMELLE**

[72] ROBERTS, ANDREW, GB

[72] PEREZ, ENCARNA, DE

[71] JOHNSON & JOHNSON GMBH, DE

[22] 2007-06-06

[41] 2007-12-13

[62] 2,654,586

[30] EP (06290958.5) 2006-06-09

[21] **2,832,962**  
[13] A1

[51] **Int.Cl. A47G 19/22 (2006.01) B65D 25/42 (2006.01) B65D 47/32 (2006.01)**

[25] EN

[54] **DRINKING CONTAINER**

[54] **CONTENANT DE BOISSON**

[72] CONNORS, JAMES A., JR., US

[72] MEDEIROS, DAVID E., US

[72] DYS, GEORGE S., US

[72] BRITTO, JAMES J., US

[72] HESSION, JOHN A., US

[71] THE FIRST YEARS INC., US

[22] 2002-10-04

[41] 2003-04-17

[62] 2,777,735

[30] US (09/971,499) 2001-10-05

[21] **2,833,003**  
[13] A1

[51] **Int.Cl. B29C 47/02 (2006.01) B29C 47/06 (2006.01)**

[25] EN

[54] **AUTOMATIC ELASTOMER EXTRUSION APPARATUS AND METHOD**

[54] **APPAREIL AUTOMATISE D'EXTRUSION D'ELASTOMERES ET METHODE**

[72] DOWNTON, GEOFF, GB

[72] LEE, LAWRENCE, GB

[71] SCHLUMBERGER CANADA LIMITED, CA

[22] 2007-07-30

[41] 2008-01-31

[62] 2,595,690

[30] US (11/496,563) 2006-07-31

[21] **2,833,358**  
[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06Q 30/02 (2012.01) G06F 17/27 (2006.01) G06F 17/30 (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

[71] LUCIDMEDIA NETWORKS, INC., US

[22] 2006-12-22

[41] 2007-07-05

[62] 2,634,918

[30] US (60/752,594) 2005-12-22

[21] **2,833,359**  
[13] A1

[51] **Int.Cl. G06F 17/27 (2006.01) G06Q 30/02 (2012.01)**

[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

[71] LUCIDMEDIA NETWORKS, INC., US

[22] 2006-12-22

[41] 2007-07-05

[62] 2,634,918

[30] US (60/752,594) 2005-12-22

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[21] **2,833,476**  
[13] A1

[51] **Int.Cl. B05B 1/18 (2006.01)**  
[25] EN  
[54] **LOW FLOW SHOWERHEAD AND METHOD OF MAKING SAME**  
[54] **POMME DE DOUCHE A FAIBLE DEBIT ET PROCEDE DE REALISATION**  
[72] LEBER, LELAND C., US  
[71] WATER PIK, INC., US  
[22] 2008-05-02  
[41] 2008-11-04  
[62] 2,630,697  
[30] US (60/916,146) 2007-05-04  
[30] US (12/114,304) 2008-05-02  
[30] US (60/916,092) 2007-05-04  
[30] US (60/916,219) 2007-05-04

[21] **2,833,483**  
[13] A1

[51] **Int.Cl. B65D 85/816 (2006.01) A47J 31/06 (2006.01) A47J 31/24 (2006.01) A47J 31/44 (2006.01)**  
[25] EN  
[54] **CARTRIDGE FOR THE PREPARATION OF BEVERAGES AND METHOD OF MANUFACTURING A CARTRIDGE**  
[54] **CARTOUCHE SERVANT A PREPARER DES BOISSONS ET PROCEDE DE PRODUCTION DE CETTE CARTOUCHE**  
[72] CARTER, STEVEN, GB  
[72] MACMAHON, JOHN, GB  
[72] LLOYD, ADAM, GB  
[72] SUTTON, PAUL, GB  
[72] PANESAR, SATWINDER, GB  
[72] HALLIDAY, ANDREW, GB  
[72] MARTIN, HENRY, GB  
[71] KRAFT FOODS R & D, INC., US  
[22] 2004-01-23  
[41] 2004-08-05  
[62] 2,777,962  
[30] GB (0301679.7) 2003-01-24  
[30] GB (0301741.5) 2003-01-24  
[30] GB (0301681.3) 2003-01-23  
[30] GB (0301696.1) 2003-01-24  
[30] GB (0301680.5) 2003-01-24  
[30] GB (0301733.2) 2003-01-24

[21] **2,833,484**  
[13] A1

[51] **Int.Cl. B65D 85/816 (2006.01) A47J 31/06 (2006.01) A47J 31/24 (2006.01) A47J 31/44 (2006.01)**  
[25] EN  
[54] **CARTRIDGE FOR THE PREPARATION OF BEVERAGES AND METHOD OF MANUFACTURING A CARTRIDGE**  
[54] **CARTOUCHE SERVANT A PREPARER DES BOISSONS ET PROCEDE DE PRODUCTION DE CETTE CARTOUCHE**  
[72] CARTER, STEVEN, GB  
[72] MACMAHON, JOHN, GB  
[72] LLOYD, ADAM, GB  
[72] SUTTON, PAUL, GB  
[72] PANESAR, SATWINDER, GB  
[72] MARTIN, HENRY, GB  
[72] HALLIDAY, ANDREW, GB  
[71] KRAFT FOODS R & D, INC., US  
[22] 2004-01-23  
[41] 2004-08-05  
[62] 2,777,962  
[30] GB (0301679.7) 2003-01-24  
[30] GB (0301741.5) 2003-01-24  
[30] GB (0301681.3) 2003-01-24  
[30] GB (0301696.1) 2003-01-24  
[30] GB (0301680.5) 2003-01-24  
[30] GB (0301733.2) 2003-01-24

[21] **2,833,524**  
[13] A1

[51] **Int.Cl. E21B 19/06 (2006.01) E21B 19/07 (2006.01) E21B 19/10 (2006.01)**  
[25] EN  
[54] **EXTERNAL GRIP TUBULAR RUNNING TOOL**  
[54] **OUTIL DE POSE DE TUBES A PRISE EXTERNE**  
[72] ANGELLE, JEREMY R., US  
[72] MOSING, DONALD E., US  
[72] THIBODEAUX, ROBERT L., US  
[71] FRANK'S INTERNATIONAL, INC., US  
[22] 2009-10-22  
[41] 2010-04-29  
[62] 2,741,532  
[30] US (61/107,565) 2008-10-22  
[30] US (12/604,327) 2009-10-22

[21] **2,833,559**  
[13] A1

[51] **Int.Cl. A61K 31/198 (2006.01) A61K 33/06 (2006.01) A61P 7/00 (2006.01) A61P 9/12 (2006.01) A61P 29/00 (2006.01) G01N 33/48 (2006.01)**  
[25] EN  
[54] **TREATMENT OF CONDITIONS ASSOCIATED WITH DECREASED NITRIC OXIDE BIOAVAILABILITY, INCLUDING ELEVATED ARGINASE CONDITIONS**  
[54] **TRAITEMENT D'ETATS PATHOLOGIQUES ASSOCIES A LA BIODISPONIBILITE REDUITE DE L'OXYDE NITRIQUE, Y COMPRIS DES ETATS PATHOLOGIQUES CAUSES PAR L'ACTIVITE ELEVEE DE L'ARGINASE**  
[72] MORRIS, CLAUDIA R., US  
[71] CHILDREN'S HOSPITAL & RESEARCH CENTER AT OAKLAND, US  
[22] 2004-02-13  
[41] 2004-09-02  
[62] 2,515,929  
[30] US (60/447,373) 2003-02-14

[21] **2,833,576**  
[13] A1

[51] **Int.Cl. E21B 49/08 (2006.01) G01N 33/28 (2006.01)**  
[25] EN  
[54] **SAMPLING AND EVALUATION OF SUBTERRANEAN FORMATION FLUID**  
[54] **ECHANTILLONNAGE ET EVALUATION D'UN FLUIDE DE FORMATION SOUTERRAINE**  
[72] GOODWIN, ANTHONY R.H., US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2010-07-09  
[41] 2011-01-13  
[62] 2,709,605  
[30] US (12/501,903) 2009-07-13

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,833,581**  
[13] A1

[51] **Int.Cl. G06F 3/0484 (2013.01) H04L 12/851 (2013.01) G06F 3/14 (2006.01) H04L 12/26 (2006.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR DETERMINING A FLOW OF DATA**

[54] **SYSTEMES ET PROCÉDES POUR LA DETERMINATION D'UN FLUX DE DONNEES**

[72] MAESTAS, DAVID EDWARD, US

[72] COOPER, BRIAN LOUIS, US

[71] TECHGUARD SECURITY LLC, US

[22] 2007-02-16

[41] 2007-08-30

[62] 2,642,844

[30] US (60/773,820) 2006-02-16

[30] US (11/591,802) 2006-11-01

[21] **2,833,703**  
[13] A1

[51] **Int.Cl. A01H 5/00 (2006.01) A01C 1/02 (2006.01) A01G 1/00 (2006.01) A61K 36/8962 (2006.01) A23L 1/29 (2006.01)**

[25] EN

[54] **GREEN GARLIC AND METHODS OF PRODUCTION**

[54] **AIL VERT ET PROCÉDES DE PRODUCTION**

[72] KAUSCH, ALBERT P., US

[72] SELLEW, PETER, US

[71] VOLOAGRI GROUP, INC., US

[22] 2005-05-04

[41] 2005-11-17

[62] 2,565,711

[30] US (60/568,354) 2004-05-05

[21] **2,833,704**  
[13] A1

[51] **Int.Cl. A01N 43/38 (2006.01) A01N 47/06 (2006.01) A01P 5/00 (2006.01) A01P 7/00 (2006.01)**

[25] EN

[54] **USE OF TETRAMIC ACID DERIVATIVES FOR CONTROLLING PESTS BY DRENCHING, DRIP APPLICATION, DIP APPLICATION OR SOIL INJECTION**

[54] **UTILISATION DE DERIVES D'ACIDE TETRAMIQUE POUR LA MAITRISE DES ANIMAUX NUISIBLES PAR PULVERISATION, APPLICATION GOUTTE-A-GOUTTE, TREMPAGE OU INJECTION DANS LE SOL**

[72] MACOM, THOMAS E., US

[72] FISCHER, REINER, DE

[72] BARON, GERHARD, DE

[72] SANWALD, ERICH, DE

[72] ROYALTY, REED NATHAN, US

[72] VAN WAETERMEULEN, XAVIER ALAIN MARIER, DE

[72] RECKMANN, USO, DE

[72] GLADBACH, ALEXANDRA, DE

[72] KREUGER, STEPHEN, US

[72] MARCZOK, PETER, DE

[71] BAYER CROPSCIENCE AG, DE

[22] 2007-03-23

[41] 2007-11-08

[62] 2,647,354

[30] DE (102006014653.0) 2006-03-28

[21] **2,833,705**  
[13] A1

[51] **Int.Cl. A61K 31/522 (2006.01) A61K 31/5025 (2006.01) A61P 9/04 (2006.01)**

[25] EN

[54] **USE OF DPP IV INHIBITORS**

[54] **UTILISATIONS D'INHIBITEURS DE L'ENZYME DPP IV**

[72] DUGI, KLAUS, DE

[72] HIMMELSBACH, FRANK, DE

[72] MARK, MICHAEL, DE

[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

[22] 2007-05-03

[41] 2007-11-15

[62] 2,651,019

[30] EP (06009203.8) 2006-05-04

[21] **2,833,706**  
[13] A1

[51] **Int.Cl. A61K 31/517 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **QUINAZOLINE DERIVATIVES FOR THE TREATMENT OF CANCER DISEASES**

[54] **DERIVES DE QUINAZOLINE POUR LE TRAITEMENT DES AFFECTIONS CANCEREUSES**

[72] SOLCA, FLAVIO, AT

[72] AMELSBURG, ANDREE, US

[72] STEHLE, GERD, DE

[72] VAN MEEL, JACOBUS C.A., AT

[72] BAUM, ANKE, AT

[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

[22] 2006-11-09

[41] 2007-05-18

[62] 2,629,244

[30] EP (05110656.5) 2005-11-11

[21] **2,833,710**  
[13] A1

[51] **Int.Cl. A61J 7/00 (2006.01) G06Q 50/22 (2012.01) G06F 19/00 (2011.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR DISPENSING MEDICAL PRODUCTS**

[54] **SYSTEMES ET PROCÉDES DE DISTRIBUTION DE PRODUITS MEDICAUX**

[72] HART, BRIAN T., US

[72] HART, RICHARD D., US

[72] BERUBE, ARTHUR A., US

[72] LIFF, HAROLD J., US

[72] DOWLING, JAMES, US

[72] PIANTEDOSI, STEVE, US

[72] STOUT, SCOTT G., US

[71] TELEPHARMACY SOLUTIONS, INC., US

[22] 2003-10-16

[41] 2004-04-29

[62] 2,502,489

[30] US (10/272,516) 2002-10-16

## Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

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[21] **2,833,783**  
[13] A1  
[51] **Int.Cl. A61K 31/41 (2006.01) A61K 31/4375 (2006.01) A61K 31/4439 (2006.01) A61P 31/04 (2006.01) G01N 33/15 (2006.01)**  
[25] EN  
[54] **DESIGN AND SYNTHESIS OF NOVEL ANTIMICROBIALS**  
[54] **CONCEPTION ET SYNTHÈSE DE NOUVELLES SUBSTANCES ANTIMICROBIENNES**  
[72] WU, FAN, CA  
[72] WEAVER, DONALD, CA  
[72] BARDEN, CHRIS, CA  
[72] BYERS, DAVID, CA  
[72] MCMASTER, CHRISTOPHER, CA  
[72] HENNEBERRY, ANETTE, CA  
[72] BAN, FUQIANG, CA  
[71] WU, FAN, CA  
[71] WEAVER, DONALD, CA  
[71] BARDEN, CHRIS, CA  
[71] BYERS, DAVID, CA  
[71] MCMASTER, CHRISTOPHER, CA  
[71] HENNEBERRY, ANETTE, CA  
[71] BAN, FUQIANG, CA  
[22] 2006-03-06  
[41] 2006-09-08  
[62] 2,603,534  
[30] CA (2,603,534) 2006-03-06

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[21] **2,833,844**  
[13] A1  
[51] **Int.Cl. A01D 45/26 (2006.01) A01D 1/06 (2006.01)**  
[25] EN  
[54] **LETTUCE HARVESTING FOR CUP-SHAPED PORTIONS OF HEADS**  
[54] **RECOLTE DES LAITUES AXÉE SUR LE DECOUPAGE DES PARTIES DE LEURS TÊTES SOUS FORME DE COUPE**  
[72] NASH, KEVIN, US  
[72] VENTURA, LEON, US  
[72] GARIBAY, RAFAEL, US  
[71] DOLE FRESH VEGETABLES, INC., US  
[22] 2007-03-13  
[41] 2007-09-14  
[62] 2,582,115  
[30] US (11/376,513) 2006-03-14

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[21] **2,833,852**  
[13] A1  
[51] **Int.Cl. A61K 31/517 (2006.01) A61P 35/00 (2006.01)**  
[25] EN  
[54] **QUINAZOLINE DERIVATIVES FOR THE TREATMENT OF CANCER DISEASES**  
[54] **DÉRIVES DE QUINAZOLINE POUR LE TRAITEMENT DES AFFECTIONS CANCÉREUSES**  
[72] SOLCA, FLAVIO, AT  
[72] AMELSBURG, ANDREE, US  
[72] STEHLE, GERD, DE  
[72] VAN MEEL, JACOBUS C. A., AT  
[72] BAUM, ANKE, AT  
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
[22] 2006-11-09  
[41] 2007-05-18  
[62] 2,629,244  
[30] EP (05110656.5) 2005-11-11

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[21] **2,833,976**  
[13] A1  
[51] **Int.Cl. C07J 1/00 (2006.01) C07J 5/00 (2006.01) C07J 7/00 (2006.01)**  
[25] EN  
[54] **THE USE OF PREGNANE AND ANDROSTANE STEROIDS FOR THE MANUFACTURE OF A PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF CNS DISORDERS**  
[54] **UTILISATION DE STÉROÏDES DÉRIVES DU PREGNANE ET DE L'ANDROSTANE POUR LA FABRICATION D'UNE COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DE TROUBLES DU SNC**  
[72] BACKSTROM, TORBJORN, SE  
[72] RAGAGNIN, GIANNA, SE  
[71] UMECRINE AB, SE  
[22] 2007-11-20  
[41] 2008-05-29  
[62] 2,664,126  
[30] US (60/860,658) 2006-11-21

# Index of Canadian Patents Issued

December 17, 2013

## Index des brevets canadiens délivrés

17 décembre 2013

1708828 ONTARIO LTD. O/A		ALBRECHT, GERHARD	2,615,743	ATLAS COPCO ROCK DRILLS	
HORST WELDING	2,638,121	ALCON, INC.	2,585,427	AB	2,582,258
3M INNOVATIVE PROPERTIES		ALCON, INC.	2,627,180	ATLAS COPCO ROCK DRILLS	
COMPANY	2,616,640	ALCON, INC.	2,667,450	AB	2,606,791
3M INNOVATIVE PROPERTIES		ALCON, INC.	2,671,853	ATSUMI, NAOYA	2,642,308
COMPANY	2,682,977	ALFA LAVAL CORPORATE		ATTARDO, GIORGIO	2,527,583
AAKRE, HAAVARD	2,657,209	AB	2,667,978	AUSBORN, MICHAEL	2,501,978
ABE, TAICHI	2,536,995	ALI, SHOUKATH M.	2,757,838	AXELROD, GLEN S.	2,625,973
ABU-RAHMA, MOHAMED H.	2,709,400	ALKOVE, JAMES M.	2,511,531	AXEN, NIKLAS	2,609,801
ABU-RAHMA, MOHAMED H.	2,711,671	ALLEN, BRADLEY V.	2,798,674	AZURE, MICHAEL T.	2,556,213
ABUGHAZALEH, SHADI	2,664,203	ALLEN, C. GEOFFREY	2,703,444	B.R.A.I.N. BIOTECHNOLOGY	
ACCENTURE GLOBAL		ALLEN, DAVID A.	2,616,642	RESEARCH AND	
SERVICES LIMITED	2,371,703	ALLEVI, MATTEO	2,616,581	INFORMATION	
ACCENTURE GLOBAL		ALSTOM TECHNOLOGY LTD	2,590,253	NETWORK AG	2,495,797
SERVICES LIMITED	2,574,883	ALSTOM TECHNOLOGY LTD	2,685,294	BACIOIU, RADU	2,457,511
ACCENTURE GLOBAL		ALUMINIUM PECHINEY	2,649,266	BAGGETTE, PHILLIP D.	2,656,521
SERVICES LIMITED	2,681,289	AMENDT, CHRISTIANE	2,611,893	BAGWELL, RICK	2,573,955
ACCISANO, NICHOLAS		AMERICAN EXPRESS		BAKER HUGHES	
GERALD, III	2,610,435	TRAVEL RELATED		INCORPORATED	2,713,734
ACIST MEDICAL SYSTEMS,		SERVICES COMPANY,		BAKER, JOHN RICHARD	2,478,997
INC.	2,741,702	INC.	2,473,655	BAKKER, JAN JOHN-LUC	2,689,288
ADAMS, NEIL	2,548,843	AMERICAN FREEWAY, INC.		BAKOS, GREGORY J.	2,566,694
ADAPTIVE COMPUTING		D.B.A. SMARTSHOP.COM	2,378,175	BAKSH, DOLORES	2,515,469
ENTERPRISES, INC.	2,586,763	ANDAYA, BRIAN J.	2,707,273	BALL, WILLIAM T.	2,771,221
ADAPTIVE SPECTRUM AND		ANDERSEN, TORBEN MEYER	2,600,423	BALTORINIC, FRANJO	2,609,904
SIGNAL ALIGNMENT,		ANDERSSON, KURT	2,606,791	BALZER, MATTHIAS	2,596,609
INC.	2,566,499	ANSIBLE MOTION LIMITED	2,776,986	BANDYOPADHYAY, PRADIP	
ADM TECHNOLOGY CO., LTD.	2,704,438	AOKI, KAZUMASA	2,749,114	K.	2,616,640
ADM21 CO., LTD.	2,704,438	APPLE INC.	2,563,920	BANDYOPADHYAY, PRADIP	
AEBISCHER, BEAT	2,539,903	APPLETON, STEVE	2,763,174	K.	2,682,977
AGRI-COVER, INC.	2,507,910	APPLIED DIABETES		BANG-ANDERSEN, BENNY	2,691,961
AGUERA Y ARCAS, BLAISE	2,559,678	RESEARCH, INC.	2,623,399	BARIL, YANNICK	2,587,737
AHARONI, ASAPH	2,621,536	APPLIED PLASMA PHYSICS		BARNEMAN, HAKAN	2,648,727
AHLGRIM, DIRK	2,563,530	ASA	2,569,786	BARNES, ANTHONY JOHN	2,520,463
AHMAD, ATEEQ	2,757,838	ARAI, TATSUYA	2,776,367	BARNVOS, DONALD	2,609,904
AHMAD, IMRAN	2,757,838	ARAI, YUJI	2,553,586	BARR, IAN GEORGE	2,395,423
AHMAD, MOGHIS U.	2,757,838	ARCHAMBAULT, GERMAIN	2,795,928	BARRETT-PAYTON, DAVE	2,663,695
AHN, JOON KUI	2,711,293	ARCURI, MICHAEL PHILIP	2,457,511	BARRIERE, FABIENNE	2,733,400
AHORUKOMEYE, MBAGA		ARES TRADING S.A.	2,500,577	BARRIS, MARTY A.	2,564,883
LOUIS	2,715,451	ARES TRADING S.A.	2,591,077	BARTEL, STEPHAN	2,626,454
AIKAWA, KEISUKE	2,707,233	ARIZONA BOARD OF		BARTELINK, CAMIEL F.	2,579,511
AIRBUS OPERATIONS SAS	2,511,864	REGENTS, ACTING ON		BARTELINK, CAMIEL F.	2,579,766
AIRBUS OPERATIONS SAS	2,610,810	BEHALF OF THE		BARTOS, RONALD P.	2,485,765
AIRBUS OPERATIONS SAS	2,612,119	UNIVERSITY OF		BASF	
AIRBUS OPERATIONS SAS	2,614,448	ARIZONA	2,636,040	AKTIENGESELLSCHAFT	2,568,813
AIRBUS OPERATIONS SAS	2,623,758	ARIZONA CHEMICAL		BASF SE	2,775,239
AIRBUS OPERATIONS SAS	2,623,791	COMPANY, LLC	2,602,220	BATEMAN, CHARLES A.	2,540,733
AIRBUS OPERATIONS SAS	2,640,321	ARNDT, KIM E.	2,676,700	BATEMAN, ROBERT HAROLD	2,574,349
AIRBUS OPERATIONS SAS	2,649,218	ARNOLD, PETRA	2,775,239	BATTAGLIA, MASSIMO	2,534,378
AIRBUS OPERATIONS SAS	2,653,067	ARORA, PANKAJ	2,580,871	BAUER, MATHIAS	2,615,743
AIRBUS OPERATIONS SAS	2,658,317	ARTSYUKHOVICH,		BAUTISTA, STEVEN	2,609,904
AIRCELLE	2,611,556	ALEXANDER N.	2,585,427	BAYER INTELLECTUAL	
AL-JON MANUFACTURING		ASANO, DAIGO	2,749,114	PROPERTY GMBH	2,626,454
LLC	2,584,047	ASCONEGUY, ALEXANDER J.	2,584,439	BAYER INTELLECTUAL	
ALBERT, RAINER	2,620,554	ATKINS, MARTIN PHILIP	2,608,945	PROPERTY GMBH	2,668,068

## Index of Canadian Patents Issued December 17, 2013

BAYER MATERIALSCIENCE AG	2,615,853	BOEHRINGER INGELHEIM RCV GMBH & CO KG	2,580,009	BRUGE, DAVID	2,611,893
BAYER MATERIALSCIENCE LLC	2,542,069	BOERMANN, LUDWIG	2,588,838	BUBER, M. TEKAMUL	2,739,154
BAYER, STEFAN	2,656,423	BOESE, DOYLE HAROLD	2,594,029	BUCHSTALLER, HANS-PETER	2,611,893
BEARDSLEE, DARRIN	2,573,955	BOLTON, LESLIE WILLIAM	2,608,945	BUCKLEY, ADRIAN	2,689,288
BEAUCHAMP, FERN	2,508,038	BONNY, JEAN-DANIEL	2,501,978	BUENO DE ALMEIDA, WANDERSON	2,657,180
BEAULIEU, NICOLE M.	2,461,938	BOQUET JEAN	2,570,791	BUERMANN, DALE H.	2,550,658
BECK, THOMAS	2,581,680	BORGSTROEM, LEONARD	2,667,978	BUFLER, PHILIP	2,500,577
BECKER, EVA-MARIA	2,626,454	BOSSON, BENGT	2,652,499	BULL, DETLEF	2,697,642
BECTON, DICKINSON AND COMPANY	2,563,530	BOSTON SCIENTIFIC LIMITED	2,584,439	BULTAN, AYKUT	2,587,846
BEEMAN, ANTHONY JOSEPH	2,457,511	BOSTON SCIENTIFIC SCIMED, INC.	2,487,492	BUNCE, MARTIN	2,652,283
BEHM, RICHARD JOSEPH	2,535,059	BOUET, BERNARD	2,551,614	BUNKE, PAUL RALPH	2,694,623
BEHREND, DETLEF	2,640,750	BOUKHNY, MIKHAIL	2,667,450	BURNSIDE, BETH A.	2,538,064
BEKOSCKE, ROBERT	2,676,724	BOWALD, STAFFAN	2,609,801	BUSSAT, PHILIPPE	2,547,024
BELASKIE, JAMES	2,715,451	BOYD, BARRY	2,673,217	CACCIAGUERRA, BRUNO	2,614,448
BELL HELICOPTER TEXTRON INC.	2,583,468	BOYD, ROBERT	2,655,354	CAI, ZHIJUN	2,713,870
BELLER, LARRY D.	2,663,718	BOYD, THOMAS J.	2,676,400	CALL, RONALD W.	2,580,871
BENBRAHIM, JAMAL	2,461,938	BP CHEMICALS LIMITED	2,608,945	CALVERT, JAY GREGORY	2,564,769
BENCE, STEVEN W.	2,584,439	BP CORPORATION NORTH AMERICA INC.	2,620,078	CAMAS, INCORPORATED	2,438,698
BENDIX COMMERCIAL VEHICLE SYSTEMS, LLC	2,550,758	BRACCO SUISSE S.A.	2,547,024	CAMER, CRISTIAN	2,661,771
BENJAMIN, ERIC JOEL	2,543,045	BRAILOVSKI, VLADIMIR	2,587,737	CAMERON, HUGH T.	2,785,111
BENN, GREGORY S.	2,716,169	BRANDENBURG, ALLEN E.	2,623,399	CAMMAERTS, KIA	2,776,986
BERGAMASCHINI, LUIGI	2,496,789	BRANDENBURGER, LARRY B.	2,636,458	CAMPBELL, DAVID E.	2,473,655
BERGAMASCHINI, LUIGI	2,581,680	BRANDT, KEN	2,682,546	CAMPBELL, MARK	2,563,857
BERGER, LARS HELMUT	2,430,725	BRANDT, MANFRED	2,768,928	CAMPBELL, STEVEN	2,564,883
BERGEVIN, LOUIS	2,754,854	BRANNON, HAROLD DEAN	2,713,734	CANCER RESEARCH TECHNOLOGY LIMITED	2,427,310
BERGEVIN, YVAN	2,754,854	BRATTON, TOM R.	2,721,369	CANTIN, PHILIPPE	2,649,266
BERMAN, JAN	2,734,846	BRAUNECKER, BERNHARD	2,539,903	CAO, LEI	2,615,363
BERMAN, JOEL	2,734,846	BRECKNER, ROBERT E.	2,461,938	CAPPILLI, STEFANO	2,681,289
BERNARD, PIERRE	2,660,095	BREWER, MARK	2,602,220	CARILLO, MICHELLE	2,530,835
BERNARDINI, RAFFAELLA	2,597,273	BRIGGS, DENNIS A.	2,397,111	CARL, STEWART R.	2,550,658
BERNAREGGI, ALBERTO	2,597,273	BRIGMAN, RICHARD W.	2,656,521	CARLINI, RINA	2,707,273
BERTIN TECHNOLOGIES	2,570,791	BRIGNAC, JACQUES L.	2,685,294	CARLSON, WILLIAM L.	2,771,221
BESSE, MICHAEL E.	2,617,472	BRINKMAN, JOHN A.	2,651,769	CARLSSON, CLAES-GOERAN	2,667,978
BEUTE, SCOTT M.	2,616,642	BRISCOE, BOB	2,559,924	CARMAT	2,653,184
BICKNELL, ROY	2,427,310	BRISCOE, ROBERT JOHN	2,559,986	CARPENTIER, ALAIN	2,653,184
BILLOT, XAVIER	2,527,583	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,519,735	CARROLL, JEFFREY P.	2,615,363
BIO-RAD LABORATORIES, INC.	2,766,093	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,559,924	CARROZZELLA, DARREN J.	2,617,953
BIOGAIA AB	2,760,008	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,559,986	CARTIER, RAYMOND	2,587,737
BIOMERIEUX	2,733,400	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,559,986	CARUSO, DANNY	2,720,604
BIOSENSE WEBSTER, INC.	2,492,283	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,559,986	CASEBIER, DAVID S.	2,556,213
BIRAU, MARIA	2,703,444	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,596,004	CASELLI, GIANFRANCO	2,624,449
BISHOP, WAYNE R.W.	2,564,883	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,542,069	CASSARA, PAOLO G.	2,597,273
BLACKBERRY LIMITED	2,587,155	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,657,564	CAZALET, SEBASTIEN	2,559,924
BLACKBERRY LIMITED	2,622,300	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,602,220	CAZALET, SEBASTIEN	2,559,986
BLACKBERRY LIMITED	2,635,865	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,508,683	CELGARD LLC	2,580,871
BLACKBERRY LIMITED	2,670,857	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,753,276	CELGENE CORPORATION	2,659,774
BLACKBERRY LIMITED	2,689,288	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,574,349	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,540,608
BLACKBERRY LIMITED	2,713,870	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,735,929	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS	2,370,563
BLAIR, HENRY	2,581,680	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,774,250	CEPHALON, INC.	2,597,273
BLANCHETTE, FRANCOIS	2,795,928	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,587,155	CHABA, RITU	2,709,400
BLANCO, ALEJANDRO G.	2,744,529	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,587,155	CHAN, VICTOR	2,563,530
BLANCO, LOUIS W.	2,580,257	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,587,155	CHANCELLOR, MICHAEL B.	2,720,523
BLAND, DOUGLAS	2,733,544	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,587,155	CHARBIT, SUZY	2,568,993
BLAND, DOUGLAS C.	2,676,700	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,587,155	CHARIER, GILLES ALAIN	2,576,698
BLANZ, JOSEF J.	2,667,381	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,587,155	CHARLES, BERNARD	2,305,068
BOCK, KLAUS	2,653,353	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,587,155	CHATRENET, DOMINIQUE	2,640,321
BOE, REGIS	2,640,321	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,587,155	CHAVEZ, ENRICO	2,591,077
		BRITISH TELECOMMUNICATIONS PUBLIC LIMITED	2,587,155	CHEDID, MARCIO	2,758,473



**Index des brevets canadiens délivrés  
17 décembre 2013**

CHEETAH MEDICAL, INC.	2,525,443	CONSTRUCTION RESEARCH		DEL MONTE CORPORATION	2,609,904
CHEN, ALLAN K.	2,707,273	& TECHNOLOGY GMBH	2,615,743	DELCARDAYRE, STEPHEN B.	2,276,064
CHEN, BEI	2,729,495	CONSTRUCTION		DENENBERG, DAVID	2,699,254
CHEN, CHAO GUANG	2,395,423	TECHNOLOGY, INC.,		DENENBERG, IGOR	2,625,824
CHEN, CHIA-CHERN	2,752,258	D/B/A IRON WOLF	2,663,718	DENG, KEVIN	2,540,575
CHEN, NAN	2,709,400	CONVATEC TECHNOLOGIES		DESAI, RUPESH K.	2,540,713
CHEN, SHU-PING	2,667,416	INC.	2,727,765	DEVECKI, RONALD W.	2,517,508
CHENG, DAI	2,733,533	COOKE, NIGEL GRAHAM	2,620,554	DEWIT, JOHAN G.	2,564,883
CHEP TECHNOLOGY PTY		COOKE, TERRY L.	2,513,481	DHANARAJ, SRIDEVI	2,584,717
LIMITED	2,682,546	COOPER, GARTH JAMES		DI LULLO ARIAS, GINO F.	2,713,734
CHEUNG, ADRIAN WAI-HING	2,651,769	SMITH	2,478,997	DIABETES DIAGNOSTICS,	
CHIBA, TOSHIAKI	2,720,665	COOPER, SANDRA ROBIN	2,584,574	INC.	2,430,725
CHO, JOON-YOUNG	2,686,863	CORDIS CORPORATION	2,504,401	DIAMOND POWER	
CHOI, IN YOUNG	2,674,538	CORDIS CORPORATION	2,593,587	INTERNATIONAL, INC.	2,753,276
CHOI, SUNG-WON	2,748,520	CORDIS CORPORATION	2,593,945	DIAZ, YOMAYRA	2,609,904
CHON, JAMES	2,667,450	COREY, LAWRENCE	2,492,598	DICK, STEPHEN G.	2,541,777
CHOPRA, SUMAN K.	2,571,107	CORNING CABLE SYSTEMS		DIENY, BERNARD	2,540,608
CHOPRA, SUMAN K.	2,685,749	LLC	2,513,481	DIGERNES, ANDERS	2,654,860
CHOY, DAVID Y.	2,633,675	CORNWALL, MARK K.	2,755,457	DILLON, STACEY R.	2,366,921
CHRISTOPOULOU,		COUILLET, ISABELLE	2,691,871	DINARELLO, CHARLES A.	2,500,577
CONSTANTINA	2,685,749	COULONVAUX, PAUL R.	2,564,883	DINESEN, ANDERS REVES	2,594,380
CHU, CHENGYUN	2,511,531	COUTIER INDUSTRIE S.A.R.L.	2,740,686	DISCHINO, DOUGLAS D.	2,556,213
CHUNG, JOO T.	2,707,273	COUTIER, CHARLES	2,740,686	DISH NETWORK LLC	2,726,548
CHURCHLAND, MARK T.	2,739,154	CRAMPTON, GEORGE		DIXIT, SHITAL	2,621,536
CHVATCHKO, YOLANDE	2,478,855	PATRICK	2,505,911	DO, HIEP	2,584,717
CICARDI, MARCO	2,496,789	CRANE CO.	2,535,709	DOLBY LABORATORIES	
CIOBOTARU, SORIN	2,764,772	CREE, INC.	2,516,302	LICENSING	
CIOFFI, JOHN M.	2,566,499	CROCKETT, DOUGLAS M.	2,401,106	CORPORATION	2,581,810
CIRCADIANCE, LLC	2,716,038	CROS, JEAN-CHRISTOPHE	2,305,068	DOMLOVIL, THOMAS J.	2,615,363
CLEARSNAP HOLDING, INC.	2,496,639	CROSS, PAUL C.	2,541,333	DONALDSON COMPANY, INC.	2,564,883
CODEXIS MAYFLOWER		CRUMP, JOE	2,804,800	DONGYOON, KIM	2,711,348
HOLDINGS, LLC	2,276,064	CRYE, CALEB	2,533,958	DONOFRIO, WILLIAM T.	2,702,198
COGNIS IP MANAGEMENT		CSL LIMITED	2,395,423	DONOVAN, CHARLES	
GMBH	2,657,180	CUMMINGS, ELIZABETH		FRANCIS	2,735,929
COHEN, AVRAHAM	2,568,993	ANNE	2,430,725	DOOLEY, KEVIN ALAN	2,731,593
COLBACHINI, GIUSEPPE		D'ARASMO, GERMANO	2,597,273	DOPKER, BERNHARD	2,656,521
ALDINIO	2,590,121	DAIICHI SANKYO COMPANY,		DOW AGROSCIENCES LLC	2,676,700
COLE, CURTIS	2,530,963	LIMITED	2,648,503	DOW AGROSCIENCES LLC	2,733,544
COLEMAN, RONALD K.	2,657,564	DAIICHI SANKYO COMPANY,		DOW GLOBAL	
COLEY PHARMACEUTICAL		LIMITED	2,749,114	TECHNOLOGIES LLC	2,536,203
GMBH	2,664,219	DAIRI, KENZA	2,527,583	DOW GLOBAL	
COLGATE-PALMOLIVE		DALEY, PAUL	2,457,511	TECHNOLOGIES LLC	2,579,511
COMPANY	2,571,107	DANG, DIANE MAI-HUONG	2,540,713	DOW GLOBAL	
COLGATE-PALMOLIVE		DAO, TIEN	2,580,871	TECHNOLOGIES LLC	2,579,766
COMPANY	2,676,400	DARNAY, BRYANT G.	2,612,333	DOWNER, DAVID	2,667,450
COLGATE-PALMOLIVE		DASSAULT SYSTEMES	2,305,068	DOYLE, CHRISTOPHER	
COMPANY	2,685,749	DAVID, AYELET	2,607,803	KUYLER	2,555,413
COLGATE-PALMOLIVE		DAVID, STEPHANE	2,737,927	DOYLE, TERENCE W.	2,527,583
COMPANY	2,727,733	DAVIES, JOHN E.	2,515,469	DRAGONFIRE GROUP	
COLPAC LIMITED	2,617,330	DAVIS, BENJAMIN	2,717,356	HOLDINGS LIMITED	2,508,038
COLUCCI, JOSE, JR.	2,563,530	DAVIS, JAMES R.	2,657,564	DRAUDT, GREGG	2,563,530
COMMISSARIAT A L'ENERGIE		DAVIS, JOHN CHRISTOPHER	2,430,725	DST HOLDINGS, INC.	2,541,777
ATOMIQUE ET AUX		DAVIS, NICK N.	2,807,518	DUBOIS, LAURENT	2,615,751
ENERGIES		DE SIMONI, MARIA GRAZIA	2,581,680	DUFRESNE, ROBERT P.	2,579,459
ALTERNATIVES	2,540,608	DE SMAELE, DIRK	2,577,305	DULIN, WENDY ANN	2,543,045
COMMONWEALTH		DE VOSS, CATHERINE A.	2,615,363	DUNBAR, GEOFFREY	2,511,531
SCIENTIFIC AND		DEBAILLEUL, ROMAIN	2,609,767	DUNNE, GAVIN	2,570,598
INDUSTRIAL RESEARCH		DEBAISIEUX, GREGOIRE	2,305,068	DUPONT NUTRITION	
ORGANISATION	2,526,483	DEBELAK, HARALD	2,664,219	BIOSCIENCES APS	2,626,275
CONAIR CORPORATION	2,530,835	DEC, PIOTR	2,764,772	DUPUIS, JOSEPH	2,664,203
CONFORTI, CATHLEEN	2,404,221	DECHaine, DANIEL W.	2,636,458	DYAX CORP.	2,496,789
CONNOR, CHRISTOPHER		DECHERT, GARY JAMES	2,694,623	DYAX CORP.	2,581,680
WADE	2,568,246	DECOLA, DENNIS	2,530,963	DYMITROWICZ, DAREK	2,652,499
		DEGROOT, MICHAEL	2,595,238	DYNAMIC CLOSURES CORP.	2,547,166

**Index of Canadian Patents Issued  
December 17, 2013**

DZWILL, EDWARD A. E.C.L.	2,657,564 2,737,927	FEIN, GENE S. FELLOWS, EUGENE	2,699,560 2,699,254	GEMIN X PHARMACEUTICALS	
EATON CORPORATION	2,616,549	FELT, CURTIS H.	2,744,090	CANADA INC./GEMIN X	
ECK, JURGEN	2,495,797	FELT, CURTIS H.	2,810,290	PHARMACEUTIQUES	
ECOLAB INC.	2,480,310	FENKER, OLIVER	2,661,774	CANADA INC.	2,527,583
ECOLAB INC.	2,617,472	FERNANDEZ-CORBATON, IVAN JESUS	2,667,381	GENENCOR	
ECOLE DE TECHNOLOGIE SUPERIEURE	2,587,737	FERRAGUT, ERIC	2,539,926	INTERNATIONAL, INC.	2,472,723
EHARA, TATSUYA	2,742,947	FESTEAU, GILLES	2,566,173	GENERA ISTRAZIVANJA D.O.O.	2,617,578
EIJSBOUTS, SONJA	2,564,071	FICHEUX, HERVE	2,568,993	GENERAL ELECTRIC COMPANY	2,711,363
EISAI R&D MANAGEMENT CO., LTD.	2,536,995	FINKE, HANS	2,768,928	GENPHARM	
EISENBERG, BORIS	2,606,615	FINSINGER, DIRK	2,611,893	INTERNATIONAL, INC.	2,232,813
EKANAYAKE, ATHULA	2,694,623	FIROOZANIA, FARIBORZ	2,651,769	GENTA, MINORU	2,666,152
ELECTROMED, INC.	2,541,333	FISHER, MICHAEL ANDREJA	2,596,004	GENTA, MINORU	2,713,529
ELECTRONIC SCRIPTING PRODUCTS, INC.	2,550,658	FITZGERALD, MATT	2,473,655	GENTEX CORPORATION	2,399,893
ELI LILLY AND COMPANY	2,758,473	FLAHERTY, RICHARD C.	2,516,258	GEORGE, RICHARD	2,635,865
ELLSWORTH, EDMUND LEE	2,735,929	FLANNER, HENRY H.	2,538,064	GEORGESON, GARY E.	2,721,819
ELOO, MICHAEL	2,609,217	FLEISCHMAN, HILDA	2,609,904	GEORGIA-PACIFIC FRANCE	2,611,073
EMDE, ULRICH	2,611,893	FLEXTRONICS AUTOMOTIVE INC.	2,702,158	GIACOMELLO, ALESSANDRO	2,534,378
EMIGHOLZ, KENNETH F.	2,663,695	FOBE, JOHAN	2,564,883	GIORDANI, ANTONIO	2,624,449
ENGEL, DONALD F.	2,564,883	FOLKERS, JOHN P.	2,552,536	GIRAUD, WILLIAM J.M.	2,513,481
ERA, KAZUNARI	2,607,633	FOLLMAN, MARK	2,563,530	GIRAULT, GUILLAUME	2,649,266
ESCAMILLA, SAMUEL	2,715,323	FORSCHUNGSZENTRUM KARLSRUHE GMBH	2,596,609	GIULIANI, NICOLA	2,609,245
ESSENBURG, MARK W.	2,616,642	FOSTER, DONALD C.	2,366,921	GLOZMAN, SABINA	2,607,803
ETHICON ENDO-SURGERY, INC.	2,463,214	FOUGHT, GERALD	2,676,724	GOEHRING, RICHARD R.	2,697,051
ETHICON ENDO-SURGERY, INC.	2,541,224	FRANER, PAUL T.	2,541,224	GOLDMAN, NEIL	2,617,330
ETHICON ENDO-SURGERY, INC.	2,545,871	FRATI, GIACOMO	2,534,378	GOLDWING NOMINEES PTY LTD	2,633,733
ETHICON ENDO-SURGERY, INC.	2,566,694	FRAUNHOFER- GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,656,423	GONZALEZ-BANOS, HECTOR H.	2,550,658
ETHICON ENDO-SURGERY, INC.	2,702,198	FRENGER, PAL	2,559,448	GOODWIN, CARL	2,595,161
ETHICON, INC.	2,584,717	FREY, OSCAR	2,638,121	GOOGLE, INC.	2,513,851
ETHICON, INC.	2,744,090	FREY, RYAN	2,638,121	GOREDEMA, ADELA	2,703,444
ETHICON, INC.	2,810,290	FRIJLINK, HENDERIK WILLEM	2,617,051	GORMAN, ANNE JESSICA	2,584,717
EVANNO, YANNICK	2,615,751	FRYE, MARK REID	2,581,279	GORTY, SURYANARAYANA MURTHY	2,622,300
EVANS, SIMON	2,794,543	FUCHINO, KOUKI	2,697,051	GOTO, KUNIO	2,763,857
EVANSON, KEVIN W.	2,636,458	FUJIMURA, HARUHITO	2,755,884	GOULET, MIKE THOMAS	2,535,059
EVONIK ROHMAX ADDITIVES GMBH	2,606,615	FUJINUMA, HIROYUKI	2,683,125	GOVARI, ASSAF	2,492,283
EVONIUK, CHRISTOPHER J.	2,616,640	FUJISAKI, YUKI	2,785,694	GRABHERR, REINGARD	2,580,009
EWALD DOERKEN AG	2,553,338	FUJITA, KINYA	2,666,152	GRABOW, NIELS	2,640,750
EXELIS INC.	2,625,221	FUJITA, KINYA	2,713,529	GRACEY, BENJAMIN PATRICK	2,608,945
EXTOL, INC.	2,616,642	FUJIURA, KAZUO	2,611,613	GRAND BRANDS LLC	2,525,753
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,564,071	FUKUI, ATSUKO	2,592,155	GRANDHI, SUDHEER A.	2,650,436
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,663,695	GACHTER, BERNHARD	2,539,903	GRANER, KLAUS	2,661,774
F. HOFFMANN-LA ROCHE AG	2,651,769	GAJRIA, AJAY	2,625,973	GRATTON, MAX STEPHEN	2,726,548
FABER A/S	2,600,423	GALA INDUSTRIES, INC.	2,609,217	GRAY, CHRISTOPHER	2,594,029
FAHMY, SAMER	2,670,857	GAMBIER, PHILIPPE	2,686,773	GRAY, JOHN	2,624,793
FALCONER, MALCOLM IAN	2,727,765	GAMBINO, CHARLES A.	2,542,069	GREATPOINT ENERGY, INC.	2,759,961
FALLER, CHRISTOF	2,649,911	GAO, WENQI	2,733,533	GREEN, JOHN F.	2,700,962
FALOTICO, ROBERT	2,504,401	GARCIA, PHILIP A.	2,473,655	GREEN, MARTIN	2,574,349
FANG, X. DANIEL	2,566,173	GARDEN MEADOW INC.	2,584,574	GREENSPAN, ALEX	2,734,846
FAUCHER, SANTIAGO	2,707,273	GATTI, GIANMARCO	2,616,581	GRENIER, PASCAL	2,585,910
FEHLBERG, ERIC	2,533,958	GATZEMEYER, JOHN J.	2,676,400	GRILL, BERNHARD	2,656,423
FEIN, GENE	2,718,913	GAUDREAU, GUY	2,660,095	GRILLS, REGINALD C.	2,702,158
		GEALL, ANDREW J.	2,508,228	GRIMBLE, TERRY L.	2,607,539
		GEFEMER RESEARCH ACQUISITIONS, LLC.	2,699,560	GROLL, DAVID	2,716,038
				GROSS, JANE A.	2,366,921
				GRUENENTHAL GMBH	2,613,874
				GUARR, THOMAS F.	2,399,893
				GUCKENBERGER, GEORGE B.	2,712,909
				GUERING, BERNARD	2,610,810

**Index des brevets canadiens délivrés  
17 décembre 2013**

GUERTIN, KEVIN RICHARD	2,651,769	HIBI, CHIHIRO	2,633,481	INCORPORATED	
GUIHARD, FREDERIC	2,576,698	HIBINO, YOSHINORI	2,666,855	ADMINISTRATIVE	
GUILLAUME, MICHEL		HICKOK, ALAN P.	2,654,645	AGENCY NATIONAL	
JOSEPH MAURICE		HIEMSTRA, JELLE	2,621,536	AGRICULTURE AND	
ANDRE	2,577,305	HIGUCHI, FUMII	2,707,273	FOOD RESEARCH	
GUINTO, REMIGIO	2,744,090	HIRAKI, MASASHI	2,745,642	ORGANIZATION	2,713,529
GUINTO, REMIGIO	2,810,290	HIRANI, SHIRISH	2,581,680	INFINEUM INTERNATIONAL	
GUPTA, SATYANARAYANA		HIRANO, SHIMPEI	2,749,114	LIMITED	2,594,029
D. V.	2,713,734	HIROSAKI UNIVERSITY	2,633,481	INGERSOLL, RUSSELL	2,607,539
GUTWEIN, ROGER WILLIAM	2,568,246	HIRSCHFELD, JENS	2,656,423	INGERT, BERNARD	2,611,073
GUYAN, GEORGE V.	2,371,703	HISPANO-SUIZA	2,539,926	INGRISCH, STEFAN	2,615,743
H. LUNDBECK A/S	2,691,961	HO, GUOJIE	2,617,953	INOUE, TERUHIKO	2,648,503
HACKMANN, BERND	2,557,470	HO, MENG-FEN	2,667,416	INSTITUT NATIONAL DE LA	
HAEGGMARK, CARL	2,667,978	HOEBEL, MATTHIAS	2,590,253	SANTE ET DE LA	
HAFELLNER, REINHARD	2,468,983	HOESSEL, PETER	2,568,813	RECHERCHE MEDICALE	2,478,855
HAGER, BRUCE L.	2,615,853	HOFFMAN, FRED W.	2,550,758	INTERDIGITAL	
HAGIHARA, MASAHIKO	2,637,388	HOGAN, KEVIN	2,771,221	TECHNOLOGY	
HAGIHARA, MASAHIKO	2,648,503	HOJHOLT, SUZANNE	2,595,340	CORPORATION	2,587,846
HAHN, MICHAEL	2,626,454	HOLLINGSWORTH, PHILIP	2,641,407	INTERDIGITAL	
HAIDAR, JAWAD	2,526,483	HOLLY, RICHARD D.	2,366,921	TECHNOLOGY	
HAJICEK, DAVID	2,741,702	HOLTON, MATTHEW T.	2,404,221	CORPORATION	2,650,436
HALDOR TOPSOE A/S	2,713,874	HOMERIN, MICHEL	2,568,993	INTERDIGITAL	
HALL, RICHARD W. J.	2,540,733	HONE, DAVID	2,536,254	TECHNOLOGY	
HALLIBURTON ENERGY		HONG, SEUNG-HEE	2,675,342	CORPORATION	2,742,455
SERVICES, INC.	2,577,649	HOOD, ROBERT	2,378,175	INTERNATIONAL TRUCK	
HALOCARBON PRODUCTS		HOPKINS, MARK A.	2,671,853	INTELLECTUAL	
CORPORATION	2,581,279	HORIUCHI, YASUhide	2,785,694	PROPERTY COMPANY,	
HALTER, CEDRIC	2,543,190	HOSS, UDO	2,633,675	LLC	2,639,715
HAMADA, TOSHIYA	2,690,242	HOSSEINI, MORRIS	2,515,469	INTERPLAST INC.	2,795,928
HAMANAKA, MASATOSHI	2,714,432	HOVIONE INTERNATIONAL		INTERPLAST PACKAGING,	
HAMILTON SUNDSTRAND		LTD.	2,652,283	INC.	2,531,935
CORPORATION	2,750,945	HOYER, DENTON WADE	2,735,929	INTIER AUTOMOTIVE INC.	2,615,363
HAMMOND, ANGELA K.	2,366,921	HSIAO, TSUNG-YU	2,667,416	INVACARE CORPORATION	2,676,724
HAN, DONG	2,733,533	HUANG, FU-CHIH	2,762,906	IONEL, DAN M.	2,485,765
HAN, JIN-KYU	2,686,863	HUAWEI TECHNOLOGIES		IRM LLC	2,729,495
HANMI SCIENCE CO., LTD.	2,674,538	CO., LTD.	2,698,613	IRM LLC	2,733,533
HANS G. KLOEPFER	2,468,983	HUBBELL INCORPORATED	2,664,203	ISHIMARU, MASAYUKI	2,782,498
HANSEN, CRAIG N.	2,541,333	HUCHET, GERARD	2,609,767	ITO, YASUNORI	2,807,332
HARDY, MICHAEL	2,670,857	HUFF, GEORGE A.	2,620,078	ITRON, INC.	2,755,457
HARRIS CORPORATION	2,661,771	HUFFER, SCOTT WILLIAM	2,717,356	IVG COLBACHINI S.P.A.	2,590,121
HASA, YASUHIRO	2,713,529	HUGERTH, ANDREAS	2,652,499	IVORY, ALISA ANN	2,520,383
HASHIMOTO, NAOTO	2,713,529	HUMINIECKI, LUKASZ	2,427,310	IWAMURA, MIKIO	2,797,805
HASSMAN, MARK JOHN	2,535,059	HUNGLER, JOEL	2,611,073	IWASE, NORIAKI	2,637,388
HAWKINS, MICHAEL S.	2,707,273	HYATT, DAVID	2,563,920	JACKSON, DAVID BRIAN	2,586,763
HAYASHI, KENJI	2,536,995	IBRAHIM, SAYED	2,571,107	JACOBSEN, HANS	2,609,801
HAYASHI, SEISHU	2,720,665	IDAHO TECHNOLOGY, INC.	2,450,343	JACOBSSON, HENRIK	2,582,258
HE, XIAOHUI	2,729,495	IDEMITSU KOSAN CO., LTD.	2,601,124	JACQUET, ARNAUD	2,559,924
HEBEISEN, STEPHEN P.	2,734,846	IGT	2,461,938	JACQUET, ARNAUD	2,559,986
HEDINGER, ALFRED	2,589,218	IHARA CHEMICAL INDUSTRY		JAGOTEC AG	2,585,910
HEIDEMAN, ROBERT J.	2,485,765	CO., LTD.	2,642,308	JAIN, ROHIT	2,670,857
HEIKKILA, HEIKKI	2,626,275	IHM, BIN CHUL	2,711,293	JANSEN, PATRICK LEE	2,711,363
HELGESON, LONNIE J.	2,541,333	IIO, ATSUO	2,776,367	JANSSEN PHARMACEUTICA	
HELLERSTEIN, MARC K.	2,498,378	IMAI, RYUICHI	2,763,857	N.V.	2,577,305
HENKE, JAMES L.	2,633,675	IMAI, TADAYUKI	2,611,613	JAPAN AVIATION	
HENLEY, BRIAN J.	2,620,078	IMBALL-CENTER S.R.L.	2,609,245	ELECTRONICS	
HEO, YOUN-HYOUNG	2,686,863	IMPERIAL CHEMICAL		INDUSTRY LIMITED	2,745,642
HERMAN MILLER, INC.	2,700,254	INDUSTRIES LIMITED	2,619,507	JAPAN SCIENCE AND	
HERMANN BOCK GMBH	2,653,353	INDUSTRIES LIMITED.	2,584,044	TECHNOLOGY AGENCY	2,652,482
HERMANN, WESTON		IMPRESS GROUP B.V.	2,574,257	JAPAN SCIENCE AND	
ARTHUR	2,729,480			TECHNOLOGY AGENCY	2,707,233
HERMANS, MICHAEL ALAN	2,535,059			JAPAN SCIENCE AND	
HERMANSON, GARY G.	2,508,228			TECHNOLOGY AGENCY	2,714,432
HERNANDEZ, DAVID C.	2,727,733			JARMUSZEWSKI, PERRY	2,718,359
HERRE, JUERGEN	2,656,423			JELIC, MISLAV	2,617,578

## Index of Canadian Patents Issued December 17, 2013

JENNI, STEFAN	2,622,138	KEEHN, WILLIAM	2,609,904	KVINGEDAL, BJARTE	2,569,786
JENSEN, THOMAS	2,654,860	KEIDAR, YARON	2,492,283	KWAK, JAEYOUNG	2,587,846
JEONG, JIN-SOOK	2,675,342	KEIR MANUFACTURING, INC.	2,599,042	KWAK, YONG-JUN	2,686,863
JEWELL, ANDREW W.	2,574,883	KEJAY INVESTMENTS INC.	2,713,926	KWON, HWAN-JOON	2,686,863
JFE STEEL CORPORATION	2,631,550	KELDERMAN, ERIK	2,602,220	KWON, SE CHANG	2,674,538
JIANG, JIQING	2,733,533	KELLY, STACEY	2,583,468	L-3 COMMUNICATIONS	
JIANG, SONGCHUN	2,729,495	KEMPERS, PETER	2,657,180	MOBILE-VISION, INC.	2,580,257
JINA PHARMACEUTICALS, INC.	2,757,838	KENNIK INNOVATIONS, L.L.C.	2,607,573	LA, MUHN-HO	2,748,520
JING, XIANGPENG	2,742,795	KEREN, HANAN	2,525,443	LABORATORIOS MIRET S.A.	2,700,633
JIG IP HOLDINGS, LLC	2,700,962	KERN, HOLGER	2,775,239	LACY, DOUGLAS S.	2,716,169
JOE AND SAMIA MANAGEMENT INC.	2,798,674	KERNEIS, STEPHANE	2,551,614	LADNER, ROBERT C.	2,581,680
JOERGENSEN, MORTEN	2,691,961	KHAN, I. JOHN	2,593,587	LAFONT, LAURENT	2,623,758
JOETTEN, CHRISTOP ARNOLD	2,667,381	KHAN, NAVED	2,664,203	LAFONT, LAURENT	2,623,791
JOHANSSON, ERIK	2,609,801	KICHUL, CHO	2,711,348	LAGOS GONZALEZ, MARCELO SANTIAGO	2,754,154
JOHNSON & JOHNSON VISION CARE, INC.	2,657,564	KILLILEA, T. HOWARD	2,636,458	LAJEUNESSE, ANNIE	2,754,854
JOHNSON, JEFFREY JANNE	2,535,059	KIM, HONG-NAM	2,704,438	LALL, MANJINDER SINGH	2,735,929
JOHNSON, JOHN B.	2,513,481	KIM, IN-HOO	2,675,342	LAMBERT, OLIVIER	2,501,978
JOHNSON, RICHARD D.	2,617,472	KIM, IN-KYU	2,704,438	LAMPROPOULOS, FRED P.	2,610,435
JOHNSON, ROBERT W.	2,656,521	KIM, KI JUN	2,711,293	LANCER PARTNERSHIP, LTD.	2,715,323
JOHNSON, TIMOTHY ALLEN	2,735,929	KIM, SE-HO	2,748,520	LANG, YOLANDE LYDIA	2,577,305
JOHNSTON, JANET V.	2,366,921	KIM, SOO-HYUN	2,500,577	LANGEZAAL, LUCAS	
JONES, BARRY	2,581,279	KIM, TAE-YOUNG	2,704,438	EVERHARDUS MARIA	2,615,449
JONKER, JOHANNES CORNELIS	2,615,449	KIM, YOUNG HOON	2,674,538	LANTHEUS MEDICAL IMAGING, INC.	2,556,213
JORDAN, MICHAEL	2,699,254	KIMBERLY-CLARK WORLDWIDE, INC.	2,535,059	LARCHER, DAVID	2,658,317
JOSEPH, DANIEL R.	2,717,429	KIMURA, HIROKO	2,776,367	LARSEN, JENNIFER	2,691,961
JOST, ARTHUR P.	2,508,683	KINNUNEN, CLIFFORD A., JR.	2,404,221	LATKA, GERHARD	2,651,910
JOURNADE, FREDERIC	2,623,758	KIRKUP, MICHAEL G.	2,587,155	LAUGHLIN, MICHAEL KEITH	2,473,655
JOURNADE, FREDERIC	2,623,791	KISMARTON, MAX U.	2,601,827	LAUX, ROBERT FRIEDRICH	2,700,254
JUERS, MICHAEL	2,768,928	KJELDSSEN, MORTEN	2,584,860	LAVALLEE, JEAN-FRANCOIS	2,527,583
JUNG, HAENG-IM	2,675,342	KLANG, GOERAN	2,559,448	LEATHRUM, PATRICK J.	2,404,221
JUNG, SUNG YOUB	2,674,538	KLEIN, JAMES	2,473,655	LECLERC, FREDERIC	2,511,864
JUNG, YANG WON	2,649,911	KLETZIN, ARNULF	2,495,797	LEE, CHRISTIAN CHO-HUA	2,729,495
JURAVIC, DAVOR	2,609,904	KLOEPFER, HANS G.	2,468,983	LEE, DALSU	2,635,865
JURK, MARION	2,664,219	KNORR, ANDREAS	2,626,454	LEE, GWAN SUN	2,674,538
JURKIEWICZ, DAMON	2,676,724	KOBAYASHI, YOSHIFUMI	2,807,332	LEE, JEONG-MIN	2,547,528
KABUSHIKI KAISHA TOSHIBA	2,675,837	KOELLE, DAVID M.	2,492,598	LEE, JU-HO	2,686,863
KALINOWSKI, MATTHEW J.	2,536,203	KOHLER, JAMES P.	2,744,090	LEE, KUO-CHUNG MARK	2,520,383
KALIRAI, SIMMI	2,584,717	KOHLER, JAMES P.	2,810,290	LEE, SEONG-JAE	2,547,528
KAMEDA, YOSHINORI	2,763,857	KOHN, SCOTT IRA	2,729,480	LEE, SEONG-WOOK	2,675,342
KAMIMURA, TAKAYUKI	2,763,857	KOHN, MASAOKI	2,631,550	LEE, YEON-SU	2,675,342
KANDA, TOMOKO	2,637,388	KOIVIKKO, HANNU	2,626,275	LEE, YOON-JONG	2,675,342
KANNO, OSAMU	2,749,114	KOMORI, YUKA	2,631,550	LEICA GEOSYSTEMS AG	2,539,903
KAO CORPORATION	2,683,125	KOMOROWSKI, MARCIN ANDRZEJ	2,661,771	LEMAY, STEVEN G.	2,461,938
KARCHER, ARRON L.	2,577,649	KONE CORPORATION	2,648,727	LENTSCH, STEVEN E.	2,480,310
KARNES, DONAVAN	2,657,129	KOO, CHANG-SOO	2,587,846	LEONARDO, JOSEPH L.	2,707,273
KATAOKA, KAZUNORI	2,707,233	KOPIA, GREGORY A.	2,504,401	LEOPOLD, ERIC W.	2,540,713
KATO, MOTOKI	2,690,242	KOREEDA, YUICHI	2,745,642	LEURS, STEFAN MARCEL HERMAN	2,577,305
KATO, NORIAKI	2,633,481	KORKEAKANGAS, NIKO	2,648,727	LEVY, JOSEPH S.	2,650,436
KATO, TAKASHI	2,536,995	KOSHIKA, TOMOHITO	2,683,125	LEW, ERIC J.	2,609,904
KATSUBE, TETSUSHI	2,637,388	KOSTADINOV, ALEKSEY	2,607,803	LEWIS, SAMUEL J.	2,577,649
KATSUNO, HISASHI	2,601,124	KRAEMER, ULRICH	2,656,423	LEY, ARTHUR C.	2,581,680
KAUFFMAN, ROBERT E.	2,626,563	KRAFT, ULRICH	2,430,725	LG ELECTRONICS INC.	2,649,911
KAUFMAN, JONATHAN H.	2,720,523	KREVER, MATTHEW E.	2,593,587	LG ELECTRONICS INC.	2,711,293
KAWAKAMI, MAKOTO	2,666,855	KRIEG, DANIEL	2,622,138	LG ELECTRONICS INC.	2,711,348
KAWANO, KAZUYUKI	2,807,332	KROGH, ROSS G.	2,744,090	LI, JIA	2,696,232
KAY, ROBERT M.	2,232,813	KROGH, ROSS G.	2,810,290	LI, JINGYA	2,696,232
KAYE, ANTHONY BRESENHAN	2,625,221	KRUMM, HERB	2,702,158	LIAO, YUAN-XIU	2,667,416
		KUHN S.A.	2,543,190	LICKORISH, ANTONY DAVID SUTTON	2,515,469
		KUHNE ANLAGENBAU GMBH	2,748,377	LIEBHERR-COMPONENTS	
		KUMAGAI, MICHIAKI	2,707,233	BIBERACH GMBH	2,661,774
		KURODA, AKIRA	2,680,099		

**Index des brevets canadiens délivrés  
17 décembre 2013**

LIM, CHANG KI	2,674,538	MARCOPULOS, NICHOLAS	2,651,769	MICROSOFT CORPORATION	2,511,531
LIMBERAKIS, CHRIS	2,735,929	MARFAT, ANTHONY	2,774,250	MICRUS CORPORATION	2,540,713
LIN, CHIA-NING	2,667,416	MARIN MARTINOD, THIERRY	2,611,556	MILA, PAUL J.	2,404,221
LIN, LYNN	2,493,180	MARION, DONALD E.	2,574,883	MILLENNIUM	
LIN, PETER YEN-CHIH	2,694,623	MAROCCHINI, FRANCIS P.	2,750,945	PHARMACEUTICALS,	
LIN, YANNING	2,543,045	MARSILJE, THOMAS H., III	2,729,495	INC.	2,617,953
LIN, YU-LI	2,667,416	MARTIN, DAVID P.	2,640,750	MILLER, CHRISTOPHER J.	2,727,733
LINCOLN GLOBAL, INC.	2,695,308	MARTINET, FREDERIC	2,568,993	MILLER, JAMES M.	2,541,777
LINDBERG, PAUL M.	2,641,407	MARUYAMA, HIDEYUKI	2,782,498	MILLER, JEFFREY T.	2,620,078
LINDELL, JUTTA	2,626,275	MASTERCARD		MILLER, ROBERT J.	2,721,819
LINDELL, KATARINA	2,652,499	INTERNATIONAL		MILLER, ROGER G. JR.	2,616,642
LINDEROTH, SOREN	2,594,380	INCORPORATED	2,404,221	MILLER, THOMAS G.	2,564,883
LINDSAY, JEFFREY DEAN	2,535,059	MATHIESEN, VIDAR	2,657,209	MILLIKEN, ROBERT	2,583,468
LION APPAREL, INC.	2,533,958	MATSUMOTO, KAZUHIRO	2,782,498	MILLS, FRANK	2,617,330
LIPELLA		MATSUMOTO, KEISHI	2,763,857	MING-TE, CHEN	2,712,155
PHARMACEUTICALS,		MATSUMOTO, MASAYOSHI	2,652,482	MINSHULL, JEREMY	2,276,064
INC.	2,720,523	MATSUMOTO, TAKASHI	2,459,510	MIOTA, MARGARET M.	2,654,645
LIS, JOHANN	2,661,774	MATSUMURA, AKIRA	2,697,051	MISEO, SABATO	2,564,071
LIU, AIXIN	2,742,795	MAUTE, ROBERT	2,722,128	MISSION PHARMACAL CO.	2,807,518
LIU, ZHI	2,492,598	MAZELLE, CHRISTIAN	2,539,926	MINSUBISHI HEAVY	
LIVCHAK, ANDREY	2,573,955	MCBRIDE, JERE W.	2,555,413	INDUSTRIES	
LLANOS, GERARD H.	2,504,401	MCCAFFREY, ROBERT	2,563,530	MECHATRONICS	
LOCK, BRIAN D.	2,404,221	MCCAULEY, EDWARD B.	2,712,909	SYSTEMS, LTD.	2,666,152
LOEFFLER, ROLF	2,501,978	MCCONNELL, JAMES	2,733,544	MINSUBISHI HEAVY	
LOMPREY, JEFFREY R.	2,399,893	MCCONNELL, JAMES R.	2,676,700	INDUSTRIES	
LONBERG, NILS	2,232,813	MCDERMONT, IAIN	2,652,283	MECHATRONICS	
LONG, GARY L.	2,463,214	MCEVOY, MARY ELLEN	2,430,725	SYSTEMS, LTD.	2,713,529
LONG, GARY L.	2,566,694	MCGAFFIGAN, THOMAS H.	2,539,891	MIYATA, HIROYUKI	2,648,503
LOOMAN, STEVEN D.	2,552,536	MCKEDY, GEORGE EDWARD	2,506,283	MIYAZAWA, IZUMI	2,459,510
LOPES, PEDRO	2,602,220	MCKEE, PAUL FRANCIS	2,596,004	MIYAZU, JUN	2,611,613
LOPEZ, RAFAEL MARIN	2,675,837	MCLAUGHLIN, MATTHEW J.	2,615,363	MOBERG, HANS	2,667,978
LORENZ, PATRICK	2,495,797	MCNEIL AB	2,652,499	MODY, SEEMA K.	2,652,499
LORENZETTI, LEO	2,580,257	MECHOSHAE SYSTEMS,		MOERK, NIELS	2,691,961
LORET, ERWANN	2,370,563	INC.	2,734,846	MOHR, REBECCA	
LOUCH, JOHN	2,563,920	MEDICART INTERNATIONAL		CATHERINE	2,535,059
LOVEGROVE, DOUGLAS F.	2,798,674	LIMITED	2,626,039	MOINE JEAN-MARC	2,570,791
LU, CHUPING	2,683,297	MEDIMOP MEDICAL		MOLTER, JENS M.	2,540,733
LU, SHIH-MIN	2,762,906	PROJECTS LTD	2,625,824	MONCLA, BRAD M.	2,536,203
LU, WENSHUO	2,729,495	MEDTRONIC MINIMED, INC.	2,624,793	MONNIN, PHILIP V.	2,657,129
LUBITZ, WILLIAM	2,791,965	MEDTRONIC MINIMED, INC.	2,633,675	MONTANARI, ALBERTO	2,681,289
LUCY, JOHN ANTHONY	2,629,427	MEISSNER, KARSTEN	2,622,138	MOOG INC.	2,641,407
LUHARUKA, RAJESH	2,686,773	MELNICK, MICHAEL JOSEPH	2,774,250	MOORE, JERRY	2,584,717
LUKE, BARRY	2,626,039	MENDRE, PETER	2,700,962	MOORE, ROBERT	2,741,695
LUNDQVIST, CHRISTOFFER	2,760,008	MENTA, ERNESTO	2,597,273	MOORE, SCOTT D.	2,487,492
LUXFER GAS CYLINDERS		MERCK CANADA INC.	2,618,550	MORADI, WAHED AHMED	2,626,454
LIMITED	2,520,463	MERCK PATENT		MORGAN, WAYNE A.	2,633,675
LYNCH, GEORGE R.	2,623,399	GESELLSCHAFT MIT		MORIMATSU, FUMIKI	2,459,510
MACK, ROBERT EDWARD	2,508,683	BESCHRAENKTER		MORINAGA MILK INDUSTRY	
MAGGENTI, MARK	2,401,106	HAFTUNG	2,589,218	CO., LTD.	2,742,947
MAHMUD, SHOHEL	2,791,965	MERCK PATENT		MORISHIMA, RYUTA	2,680,099
MAJERCAK, DAVID C.	2,593,587	GESELLSCHAFT MIT		MORRIS, TOMMY J.	2,486,089
MAJERCAK, DAVID C.	2,593,945	BESCHRAENKTER		MORRISON, ERIC D.	2,617,472
MAJOR, RONALD L.	2,663,718	HAFTUNG	2,611,893	MOSER, ROLAND R.	2,685,294
MAKOVEC, FRANCESCO	2,624,449	MERCK SERONO SA	2,478,855	MOSHAL, MARTIN PAUL	2,595,161
MALANDA, ANDRE	2,615,751	MERIT MEDICAL SYSTEMS,		MOTOROLA MOBILITY LLC	2,508,683
MALECOT, YVES-MICHEL	2,611,073	INC.	2,610,435	MOTOROLA SOLUTIONS, INC.	2,744,529
MALLAT, ZIAD	2,478,855	MERRITT, EDWARD	2,699,560	MUELLER, MICHAEL	2,606,615
MAN, VICTOR F.	2,480,310	MERRITT, EDWARD	2,718,913	MUENST, THOMAS	2,661,774
MAN, VICTOR F.	2,617,472	MESSINA, ELISA	2,534,378	MUIR, SCOTT	2,720,604
MAN, YING TONG	2,718,359	MICHELS, GISBERT	2,615,853	MULLER, DRIES	2,602,220
MANDELLA, MICHAEL J.	2,550,658	MICROLINE SURGICAL, INC.	2,539,891	MULTISORB TECHNOLOGIES,	
MANN, ROBERT G.	2,609,217	MICROMASS UK LIMITED	2,574,349	INC.	2,506,283
MANTTARI, MIKA	2,626,275	MICROSOFT CORPORATION	2,457,511	MULTRUS, MARKUS	2,656,423
MARCONI, PATRICK	2,656,435	MICROSOFT CORPORATION	2,493,180	MUNTADA, CARLES	2,371,703

## Index of Canadian Patents Issued December 17, 2013

MURLEY, JR., JAMES	2,741,695	NORDISCHER		PARK, JIN S.	2,593,945
MURPHY, SEAN TIMOTHY	2,735,929	MASCHINENBAU RUD.		PARKER, GEORGE	
MUSGROVE, TIMOTHY A.	2,378,175	BAADER GMBH + CO. KG	2,768,928	CHRISTOPHER	2,626,039
NAGANO, YOSHIHIKO	2,782,498	NORTON HEALTHCARE		PARKVALL, STEFAN	2,559,448
NAGAREO, TOMOMITSU	2,763,857	LIMITED	2,613,848	PARQUET, JEAN-MARC	2,653,184
NAHAS, NICHOLAS CHARLES	2,759,961	NOVAK, JULIA E.	2,366,921	PARRO, EMMANUEL	2,511,864
NAIDU, VISHNU	2,682,546	NOVARTIS AG	2,501,978	PATEL, KIRITKUMAR V.	2,731,593
NAKAJIMA, KATSUYOSHI	2,749,114	NOVARTIS AG	2,620,554	PATERSON, CHRISTOPHER M.	2,643,050
NAKAMURA, KAZUYOSHI	2,648,503	NOVUS ENVIRONMENTAL		PATIL, ABHISHEK	2,742,795
NAKAMURA, KEIICHI	2,553,586	INC.	2,791,965	PATTEN, PHILLIP	2,276,064
NAKAMURA, KOUICHIROU	2,611,613	NTT DOCOMO, INC.	2,797,805	PATTERSON, ANNA L.	2,513,851
NAKANISHI, TAKAYUKI	2,637,388	NUESSLEIN-HILDESHEIM,		PEACHEY, DARWYN	2,539,623
NAKAO, MICHIHARU	2,720,665	BARBARA	2,620,554	PECK, JAMES	2,657,564
NAN, FAJUN	2,696,232	NUMAKURA, MASAKI	2,755,884	PELISSON, PASCAL	2,539,926
NAPPI, DANIEL	2,725,118	NYSTROEM, JOHAN	2,559,448	PENDHARKAR, SANYOG	
NARRAMORE, JIM C.	2,583,468	O'CONNOR, DOUGLAS	2,664,203	MANOHAR	2,584,717
NASH, PETER	2,438,698	O'MAHONY, JAMES		PENGELLY, RAYMOND	
NATIONAL CANCER CENTER	2,675,342	ANTHONY	2,629,427	SYDNEY	2,516,302
NATIONAL INSTITUTE OF		OAKES, IAN DAVID	2,584,044	PEREIRA, ANDY	2,621,536
ADVANCED INDUSTRIAL		OBA, YOSHIHIRO	2,675,837	PERIAKARUPPAN,	
SCIENCE AND		OCHSENREITER, TORSTEN	2,495,797	RAMANATHAN	2,487,492
TECHNOLOGY	2,713,529	ODELL, PETER G.	2,703,444	PERROUX, FRANCOIS	2,305,068
NATIONAL RESEARCH		OFTEDAHL, RICHARD	2,741,702	PERZBORN, ELISABETH	2,668,068
COUNCIL OF CANADA	2,505,911	OGASAWARA, SAORI	2,633,481	PESSIN, JEAN-LOUIS	2,686,773
NEATH, PETER KARL	2,607,979	OGAWA, KENICHI	2,652,482	PETERSEN, HOLGER	2,501,978
NELSON, ANDREW J.	2,366,921	OH, HYEN O.	2,649,911	PETERSON, TOD J.	2,663,695
NELSON, DWAYNE R.	2,461,938	OIZUMI, KIYOSHI	2,749,114	PETRYSHEN, LARRY	2,768,173
NELSON, SHAWN, D.	2,725,118	OKADA, KAZUHIRO	2,683,125	PFÄFFENZELLER, IRENE	2,580,009
NEREGARD, FREDRIK	2,477,681	OKUDO, MAKOTO	2,637,388	PFIZER INC.	2,735,929
NESS, JON E.	2,276,064	OLERUD, SVEN	2,609,801	PFIZER INC.	2,774,250
NESSE, ARILD	2,569,786	OLESEN, ROBERT LIND	2,587,846	PHILERA NEW ZEALAND	
NEUKIRCH, WERNER	2,574,257	OLIVA, AMBROGIO	2,597,273	LIMITED	2,478,997
NEURONETICS, INC.	2,585,842	OLIVER, BRIAN	2,635,865	PIEROBON, MARIANNA	2,568,813
NGUYEN KIM, SON	2,568,813	OLIVER, MARTIN	2,613,848	PIGGOTT, DAVID C.	2,593,699
NGUYEN, DJUNG	2,742,795	OLIVERA, ARGELIO	2,671,853	PILARCZYK, ERIC	2,771,221
NGUYEN, KHUY V.	2,580,871	OLSEN, DANIEL	2,593,587	PINTO, ERIC CHRISTIAN JEAN	2,551,614
NGUYEN, NICK NGOC	2,744,090	OLSEN, JOHN, H.	2,541,068	PIOTELAT, SANDRINE	2,591,077
NGUYEN, NICK NGOC	2,810,290	OLSEN, THOMAS N.	2,721,369	PISH, ROBERT H.	2,371,703
NICHIHA CORPORATION	2,666,855	OLSON, CARY DONALD	2,564,883	PIVAC, MARK JOSEPH	2,633,733
NICHLAS, RANDALL W.	2,550,758	OLSSON, ROLAND	2,652,499	PIXAR	2,539,623
NICKLASSON, FREDRIK	2,652,499	OMAE, TAKAO	2,536,995	PLATSCHER, MICHAEL	2,589,218
NIKE INTERNATIONAL LTD.	2,655,354	OMAX CORPORATION	2,541,068	PLIKAT, CLAUDIA	2,700,254
NIKKISO CO., LTD.	2,720,665	OMLING, PAR	2,444,681	PLUMMER, WILLIAM T.	2,607,946
NINGBO SUPERBRIGHT		OMURA, TOMOHIKO	2,553,586	POBLENZ, ANN	2,612,333
TECHNOLOGY CO., LTD.	2,749,368	ORECK HOLDINGS, LLC	2,643,050	PODHOREZ, DAVID E.	2,676,700
NIPPON MEAT PACKERS, INC.	2,459,510	ORENT, JILL KREUTZER	2,530,835	PONGPAIROCHANA,	
NIPPON STEEL & SUMITOMO		ORPHALL, GREGORY K.	2,742,571	VINCENT	2,591,077
METAL CORPORATION	2,553,586	ORTIZ, MARK S.	2,545,871	POPOVICH, JOSEPH JR.	2,579,431
NIPPON STEEL & SUMITOMO		ORTOVIVA AB	2,609,801	PORTE, ALAIN	2,653,067
METAL CORPORATION	2,591,878	OTTAVI, ADRIANO	2,681,289	POTIER, PHILIPPE	2,543,190
NIPPON STEEL & SUMITOMO		OY HALTON GROUP LTD.	2,573,955	POULOSE, AYROOKARAN J.	2,472,723
METAL CORPORATION	2,699,723	OZLUTURK, FATIH	2,587,846	POWIS, GARTH	2,636,040
NIPPON STEEL & SUMITOMO		PAGNON, CLAUDE ANDRE		PRAGMATIC PRINTING	
METAL CORPORATION	2,763,857	CHARLES	2,551,614	LIMITED	2,444,681
NIPPON STEEL & SUMITOMO		PAJUKOSKI, KARI	2,690,672	PRATT & WHITNEY CANADA	
METAL CORPORATION	2,807,332	PALANKI, RAVI	2,664,526	CORP.	2,731,593
NIPPON TELEGRAPH AND		PALCHETTI, JOHNNY	2,461,938	PRENCIPE, MICHAEL	2,571,107
TELEPHONE		PALSSON, MAGNUS	2,652,499	PRENCIPE, MICHAEL	2,685,749
CORPORATION	2,611,613	PAN, SHIFENG	2,733,533	PRESNELL, SCOTT R.	2,366,921
NOKIA SIEMENS NETWORKS		PAPAGIANAKIS, PETER	2,535,709	PRICE, BRET	2,623,399
OY	2,690,672	PARATA SYSTEMS, LLC	2,579,431	PRICE, JANET E.	2,612,333
NOKIA SIEMENS NETWORKS		PARATA SYSTEMS, LLC	2,699,254	PRINGLES S.A.R.L.	2,694,623
OY	2,731,062	PARK, DONGKYU	2,711,671	PRIONICS AG	2,622,138
NOMAGUCHI, KOUJI	2,742,947	PARK, JIN S.	2,593,587		

**Index des brevets canadiens délivrés  
17 décembre 2013**

PROSISE, ROBERT		RIEHL, MARK EDWARD	2,585,842	SHELLEKENS, REINOUT	
LAWRENCE	2,694,623	RIESCO, CARL	2,771,221	CORNELUS ANDREAS	2,617,051
PROTEUS S.A.	2,754,154	RIOUX, ELISE	2,527,583	SCHIEFMANN, KAI	2,611,893
PRYDS, NINI	2,594,380	RIRIE, KIRK	2,450,343	SCHIFFMANN, JUERGEN	2,748,377
PRZEWOSNY, MICHAEL	2,613,874	RISSTAD, OLAV	2,654,860	SCHLEIDER, M. DAVID	2,525,753
PSION INC.	2,673,217	RKW SE	2,588,838	SCHLEMMER, KARL-HEINZ	2,626,454
PUESCHL, ASK	2,691,961	ROACH, CHARLES W.	2,468,983	SCHLEPER, CHRISTA	2,495,797
PULTRUSION TECHNIQUE INC.	2,579,459	ROBINSON, DONALD L.	2,438,698	SCHLOTTMANN, GREG A.	2,461,938
PUNURU, ADI R.	2,663,695	ROBINSON, EARL THOMAS	2,759,961	SCHLUMBERGER CANADA LIMITED	2,686,773
PURDUE PHARMA L.P.	2,697,051	ROBINSON, ROBERT L.	2,715,323	SCHLUMBERGER CANADA LIMITED	2,691,871
PUROHIT, AJAY	2,556,213	ROBINSON, SIMON P.	2,556,213	SCHLUMBERGER CANADA LIMITED	2,715,451
QI, LIDA	2,651,769	ROELLE, THOMAS	2,626,454	SCHLUMBERGER CANADA LIMITED	2,721,369
QI, YIHONG	2,718,359	ROESLER, RICHARD R.	2,542,069	SCHLUMBERGER CANADA LIMITED	2,652,499
QIU, SHIGANG S.	2,707,273	ROESSLER, ARMIN	2,577,305	SCHLUMBERGER CANADA LIMITED	2,507,910
QIU, XIN	2,791,965	ROLLAND, BERNARD	2,649,218	SCHLUMBERGER CANADA LIMITED	2,563,530
QUAISER, ACHIM	2,495,797	ROMERO, JEAN-LOUIS	2,607,242	SCHLUTER, ANETTE	2,741,695
QUALANTONE, MIKE	2,473,655	ROSEN, ERIC	2,401,106	SCHMEICHEL, CHARLES M.	2,640,750
QUALCOMM INCORPORATED	2,401,106	ROSEVEAR, JOHN W.	2,438,698	SCHMINKE, JAN	2,700,254
QUALCOMM INCORPORATED	2,664,526	ROSSMAN, JAMES M.	2,520,383	SCHMITZ, JOHANN BURKHARD	2,640,750
QUALCOMM INCORPORATED	2,667,381	ROTTAPHARM S.P.A.	2,624,449	SCHMITZ, KLAUS-PETER	2,741,695
QUALCOMM INCORPORATED	2,709,400	ROVATI, LUCIO CLAUDIO	2,624,449	SCHNEIDER ELECTRIC USA, INC.	2,547,024
QUALCOMM INCORPORATED	2,711,671	ROWE, T. SCOTT	2,585,427	SCHNUR, SHARON LEE	2,694,623
QUARMBY, SCOTT T.	2,712,909	ROWLANDS, COLIN	2,538,064	SCHOENBERG, ROY	2,400,160
QUICKMILL, INC.	2,593,699	RPM TECH INC.	2,660,095	SCHOERKEN, ULRICH	2,657,180
QUINN, LEONARD A.	2,550,758	RUDOLF, MARIAN	2,650,436	SCHRAM, MICHAEL R.	2,798,674
RAAF, BERNHARD	2,690,672	RUNSTEDLER, CHRISTOPHER	2,670,857	SCHREINER, GUENTER	2,588,838
RACHA, JAGDISH KUMAR	2,651,769	RUSSELL, BRUCE M.	2,676,400	SCHROCK, DEREK	2,573,955
RADEKE, HEIKE S.	2,556,213	RUUSKA, MAUNO	2,584,047	SCHROEER, JOERN	2,553,338
RAE, JAMES PHILIP	2,713,734	RYUKAKUSAN CO., LTD.	2,592,155	SCHULLER, GERALD	2,656,423
RAIDT, HEINZ PETER	2,553,338	SAAB AB	2,477,681	SCHULTE, MICHAEL D.	2,657,564
RAZZAGHI, ALI	2,533,958	SAC ACQUISITION LLC	2,725,118	SCHULTZ, DEBBIE L.	2,473,655
REEDHYCALOG, L.P.	2,702,658	SAINT-GOBAIN ABRASIVES, INC.	2,540,733	SCHULTZ, PETER	2,633,675
REGAL BELOIT AMERICA, INC.	2,485,765	SAINT-GOBAIN GLASS FRANCE	2,609,767	SCHULTZE, GARY	2,641,407
REGHABI, BAHAR	2,633,675	SAINT-GOBAIN ISOVER	2,556,474	SCHUTZE, FRANCOIS	2,568,993
REID, DREW A.	2,741,695	SAINT-GOBAIN ISOVER	2,595,340	SCHWARTZ, ARTHUR G.	2,729,343
REILING, VINCENT GILBERT	2,759,961	SAITO, KATSUICHI	2,713,529	SCHWARTZ, HILARY E.	2,620,078
REILLY, USA	2,774,250	SAITO, KAZUHITO	2,601,124	SCHWARTZ, YITZHACK	2,492,283
REM SCIENTIFIC ENTERPRISES, INC.	2,722,128	SAKAKI, TSUYOSHI	2,713,529	SCINOPHARM SINGAPORE PTE, LTD.	2,667,416
REMIS, STEVEN J.	2,579,431	SAKURAI, SEIYA	2,716,169	SCRANTON, SCOTT	2,599,042
RENAUD, ERIC	2,623,758	SALVADORI, LAWRENCE	2,579,892	SEADRAGON SOFTWARE, INC.	2,559,678
RENAUD, ERIC	2,623,791	SAMSUNG ELECTRONICS CO., LTD.	2,686,863	SEAQUIST CLOSURES FOREIGN, INC.	2,654,645
RENEAU, CHARLES	2,741,695	SAMYANG BIOPHARMACEUTICALS CORPORATION	2,748,520	SEEFELDT, ALAN JEFFREY	2,581,810
RESEARCH DEVELOPMENT FOUNDATION	2,555,413	SANCHEZ, DIANA	2,593,587	SEGUER BONAVENTURA, JOAN	2,700,633
RESEARCH IN MOTION LIMITED	2,548,843	SANDU, CODRIN DAN	2,750,945	SEIDEL, ANDREAS	2,615,853
RESEARCH IN MOTION LIMITED	2,718,359	SANDYS, JEFFERY P.	2,656,521	SEKIZAWA, KOSHI	2,776,367
RETAIL READY PACKAGES INC.	2,785,111	SANOFI-AVENTIS	2,615,751	SENENTE, ANNE	2,547,024
REVWIRES LLC	2,657,129	SANTINI, GREGORY M.	2,716,169	SEO, MIN-HYO	2,748,520
REYNOLDS, CHARLES W.	2,643,050	SANWA KAGAKU KENKYUSHO CO., LTD.	2,633,481	SEONGNO, YOON	2,711,348
REYNOLDS, ERIC CHARLES	2,395,423	SARABU, RAMAKANTH	2,651,769	SHAH, RAJIV	2,633,675
RHODES, NIGEL ANTHONY	2,590,253	SAREEN, CHAITANYA DEV	2,457,511	SHAHEEN, KAMEL M.	2,742,455
RICAUD, ALEXANDRE	2,612,119	SARUGASER, RAHUL	2,515,469	SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES	2,696,232
RICAUD, ALEXANDRE	2,649,218	SASADA, PAUL JOHN CHRISTOPHER	2,619,507	SHAO, BIN	2,697,051
RICH, MATT	2,725,118	SASHI, KAZUMICHI	2,631,550	SHAPIRO, JEAN	2,473,655
RICKARDS, ALLAN RAY	2,713,734	SATO, SETSUO	2,657,180		
RICON CORP.	2,794,543	SAUER, PETER	2,574,257		
RIEDEL, RICHARD P.	2,807,745	SAWADA, KOJI	2,666,855		
RIEDNER, JENS	2,570,598	SCHACHT, DAVID M.	2,615,363		

## Index of Canadian Patents Issued December 17, 2013

SHAW, ROBERT WILLIAM	2,594,029	SOUNDARARAJAN,		TAJITSHU TRANSFER	
SHAYKO, SCOTT	2,791,965	GOIKRISHNAN	2,633,675	LIMITED LIABILITY	
SHEA, JOHN J.	2,616,549	SOUSA, RICARDO	2,540,608	COMPANY	2,718,913
SHEIKH, SAIFUDDIN	2,757,838	SPENCER, JENNIFER	2,791,965	TAKAHASHI, HIROSHI	2,578,202
SHERIDAN, CEDRIC	2,660,803	SPETH, DAVID R.	2,536,203	TAKAHASHI, KEIKO	2,536,995
SHERRY, DEBRA ANN	2,735,929	SPRECHER, CINDY A.	2,366,921	TAKAHASHI, MASARU	2,763,857
SHETTY, DHANURAJ S.	2,584,717	ST-LOUIS, FRANCOIS	2,795,928	TAKAHATA, YOSHIHISA	2,459,510
SHI, LEI	2,696,232	ST-ONGE, YVES	2,531,935	TAKEHIRO, NAOKI	2,776,367
SHIELDS, SHELLY LYNN	2,564,769	STALLAERT, JASON	2,713,926	TALPAZ, MOSHE	2,612,333
SHIGEKUNI, TOMOFUMI	2,631,550	STALLAERT, KEVIN	2,713,926	TAN, JENNY	2,651,769
SHIGETOMI, MANABU	2,637,388	STANASCU, DANA	2,540,608	TANAHASHI, KAZUHIRO	2,578,202
SHIGUERU ARAUJO,		STANUSH, ANDREW G.	2,513,481	TANAKA, MASAYUKI	2,637,388
ALEXSSANDER	2,657,180	STARK, JEFFREY M.	2,404,221	TANAKA, MIYUKI	2,742,947
SHIH, GEORGE	2,493,180	STASCH, JOHANNES-PETER	2,626,454	TANAKA, RYOICHI	2,749,114
SHIMADA, NAOAKI	2,699,723	STATOIL ASA	2,657,209	TAODA, YOSHIYUKI	2,697,051
SHIMIZU, MUNESHIGE	2,459,510	STAUTNER, ERNST		TARGET BRANDS, INC.	2,807,745
SHIN, SUNG-HYUK	2,541,777	WOLFGANG	2,711,363	TASAKI, FUMINORI	2,591,878
SHIONGI & CO., LTD.	2,697,051	STEEN, PER	2,652,499	TAVARES, GARY G.	2,655,354
SHIONOGI INC.	2,538,064	STEINBERG, HOWARD I.	2,530,835	TAYLOR, CLARKE BENTLEY	2,735,929
SHIRAISHI, TOMONORI	2,652,482	STEINHAGEN, INGOLF	2,557,470	TAYLOR, THOMAS M.	2,700,962
SHOVER, STEPHEN L.	2,753,276	STEMMER, WILLEM P. C.	2,276,064	TDY INDUSTRIES, LLC	2,566,173
SIDEM PHARMA S.A.	2,568,993	STEPHENSON, CHRISTOPHER		TEDGUI, ALAIN	2,478,855
SIEGEL, STEVEN	2,553,254	JOHN	2,713,734	TEENESS ASA	2,654,860
SILVA BIZZARRI, PABLO	2,657,180	STERLING FOODS, LTD.	2,807,518	TELCORDIA TECHNOLOGIES,	
SIMMONS, DONALD K.	2,580,871	STERNBERG, KATRIN	2,640,750	INC.	2,675,837
SIMON, AVRAM B.	2,525,443	STEVENS, ROBERT	2,776,986	TELEFONAKTIEBOLAGET LM	
SINGH, ANTHONY	2,661,771	STICHTING DIENST		ERICSSON (PUBL)	2,559,448
SIRDESHPANDE, AVINASH	2,759,961	LANDBOUWKUNDIG		TEPHA, INC.	2,640,750
SIVASUBRAMANIAM,		ONDERZOEK	2,621,536	TERAKURA, SEIICHI	2,666,152
KIRUBA	2,711,363	STICHTING GRONINGEN		TERRIAULT, PATRICK	2,587,737
SJOMAN, ELINA	2,626,275	CENTRE FOR DRUG		TERRY, STEPHEN E.	2,541,777
SKJELLNES, AUDUN	2,654,860	RESEARCH	2,617,051	TESLA MOTORS, INC.	2,729,480
SKOOG, JAN	2,667,978	STILL, JOHN W.	2,691,871	TEUCHER, RAINER RUDOLF	2,430,725
SLADE, DAVID EWELL	2,564,769	STITES, JOHN T.	2,655,354	THALER, STEFAN	2,615,743
SLAKESKI, NADA	2,395,423	STOCKTON, LUTHER E.	2,536,203	THE BOARD OF REGENTS OF	
SLEIMAN, JOSEPH Z.	2,798,674	STOEHR, TORSTEN	2,606,615	THE UNIVERSITY OF	
SLUSARCZYK, JASON	2,791,965	STOKLAND, KNUT S.	2,654,860	TEXAS SYSTEM	2,612,333
SMELLER, DONALD W.	2,715,323	STOTTLEMYER, WILLIAM	2,741,695	THE BOEING COMPANY	2,601,827
SMITH, ANDERS	2,594,380	STRANDBURG, GARY M.	2,536,203	THE BOEING COMPANY	2,656,521
SMITH, GRANT	2,595,161	STRAUB, HUGUES	2,619,507	THE BOEING COMPANY	2,716,169
SMITH, KAREN E.	2,629,427	STRECKER, DAVID PHELPS	2,599,042	THE BOEING COMPANY	2,721,819
SMITH, LAWRENCE D.	2,716,169	STRIPF, HELMUT	2,596,609	THE COCA-COLA COMPANY	2,715,323
SMITH, RONALD T.	2,627,180	STRONG, AARON	2,703,444	THE CRUMP GROUP, INC.	2,804,800
SNECMA	2,551,614	STUCCHI S.P.A.	2,616,581	THE FOLGER COFFEE	
SNECMA	2,576,698	STUCCHI, GIOVANNI	2,616,581	COMPANY	2,568,246
SNECMA	2,607,242	SUBRA, RENAUD	2,609,767	THE GATES CORPORATION	2,764,772
SNECMA SERVICES	2,551,614	SUE, JIJIN ALBERT	2,702,658	THE NIELSEN COMPANY	
SNYDER, LELAND D.	2,723,934	SUGAYA, HIROYUKI	2,578,202	(US), LLC	2,540,575
SNYDER, MARK A.	2,766,093	SUMMERSIDE, IAN JAMES	2,590,253	THE PROCTER & GAMBLE	
SOL MATE AG	2,651,910	SUNDERMANN, BERND	2,613,874	COMPANY	2,520,383
SOLED, STUART LEON	2,564,071	SUNDERMANN, CORINNA	2,613,874	THE PROCTER & GAMBLE	
SON, JI-YEON	2,748,520	SUNDSETH, EINAR	2,654,860	COMPANY	2,698,653
SONG, AIMIN	2,444,681	SUNLEY, JOHN GLENN	2,608,945	THE REGENTS OF THE	
SONG, ANJA	2,775,239	SUSTAINABLE PAVING		UNIVERSITY OF	
SONG, DAE HAE	2,674,538	SYSTEMS, LLC	2,607,539	CALIFORNIA	2,498,378
SONG, TAE HUN	2,674,538	SVENSON, MIKE	2,547,166	THE REGENTS OF THE	
SONOCO DEVELOPMENT,		SWINSON, JOEL	2,581,279	UNIVERSITY OF	
INC.	2,717,356	SYSTEMES NUCO INC./NUCO		CALIFORNIA	2,623,839
SONY CORPORATION	2,690,242	SYSTEMS INC.	2,754,854	THE TECHNICAL	
SONY CORPORATION	2,742,795	SZYMANSKI, MICHAEL J.	2,577,649	UNIVERSITY OF	
SONY ELECTRONICS INC.	2,742,795	T.F.H. PUBLICATIONS, INC.	2,625,973	DENMARK	2,594,380
SOPPERA, ANDREA	2,559,924	TAIWAN FU HSING		THE TRUSTEES OF THE	
SOPPERA, ANDREA	2,559,986	INDUSTRIAL CO., LTD.	2,762,906	UNIVERSITY OF	
		TAJIMA, HIDEJI	2,514,961	PENNSYLVANIA	2,553,254



**Index des brevets canadiens délivrés  
17 décembre 2013**

THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2,563,538	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY	2,410,883	WANG, PING	2,686,863
THE UNIVERSITY OF MELBOURNE	2,395,423	UNIVERSITA' DEGLI STUDI DI ROMA "LA SAPIENZA"	2,534,378	WANG, QIN	2,685,749
THERAKOS, INC.	2,397,111	UNIVERSITY OF DAYTON	2,626,563	WANG, ROBERT K.	2,663,695
THERAKOS, INC.	2,530,963	UNIVERSITY OF MARYLAND, BALTIMORE	2,536,254	WANG, ZHAOYIN	2,618,550
THERMO FINNIGAN LLC	2,712,909	UNIVERSITY OF WASHINGTON	2,492,598	WANG, ZHENGMING	2,639,715
THERMODRIVE LLC	2,595,238	UOP LLC	2,756,043	WARMUS, JOSEPH SCOTT	2,735,929
THOMECZEK, CHARLES	2,468,983	URGELL BELTRAN, JOAN BAPTISTA	2,700,633	WARNER, JOHN	2,651,910
THOMPSON, GREGG	2,533,958	URZAIZ, EDUARDO	2,519,735	WARREN, GARY	2,702,158
THORHAUGE, MAX	2,713,874	USNR/KOCKUMS CANCAR COMPANY	2,768,173	WATERLEAF LIMITED	2,595,161
THYRESSON, KRISTINA	2,652,499	VAKHARIA, OMAR J.	2,566,694	WATTEL, ARNAUD	2,737,927
TIIROLA, ESA	2,690,672	VALLOUREC MANNESMANN OIL & GAS FRANCE	2,763,857	WCM INDUSTRIES, INC.	2,771,221
TILLESKJOR, JACLYN J.	2,480,310	VALSPAR SOURCING, INC.	2,636,458	WEENER PLASTIK GMBH	2,557,470
TILLEY, JEFFERSON WRIGHT	2,651,769	VAN DER WAL, HANNO R.	2,579,511	WEGELE, GEORGE VINCENT	2,698,653
TIMPERMAN, EUGENE L.	2,545,871	VAN DER WAL, HANNO R.	2,579,766	WEI, YI	2,696,232
TIRIMACCO, MAURIZIO	2,535,059	VAN HEYST, WILLIAM	2,791,965	WEILER, SVEN	2,620,554
TIVELLI, SERGIO	2,616,581	VAN SORGEN, CAREL JOHANNES WILHELM THEODOOR	2,749,541	WEISSBROD, PAUL A.	2,695,308
TOBIN, MATTHEW B.	2,276,064	VANDER VEEN, RAYMOND	2,548,843	WELCH, SIAO-KUN WAN	2,564,769
TOKARSKI, MICHAEL G.	2,657,564	VANNOY, STEPHEN J.	2,667,450	WETTELAND, OEYVIND	2,569,786
TOOILL, RYAN M.	2,753,276	VANSUMEREN, MARK W.	2,536,203	WEYERHAEUSER NR COMPANY	2,739,154
TOOLE, WILLIAM	2,579,431	VECTA, LTD.	2,607,803	WHEATON, JAMES M.	2,716,169
TORAY INDUSTRIES, INC.	2,578,202	VEOLIA EAU - COMPAGNIE GENERALE DES EAUX	2,697,642	WHITE, CHRISTOPHER CAMERON	2,457,511
TORAY INDUSTRIES, INC.	2,785,694	VERGNAULT, GUY	2,585,910	WHITE, VERDI, III	2,725,118
TOYOTA JIDOSHA KABUSHIKI KAISHA	2,680,099	VESPER, STEPHEN JOSEPH	2,410,883	WHITEHEAD, JOHN WILLIAM FRANK	2,697,051
TOYOTA JIDOSHA KABUSHIKI KAISHA	2,755,884	VESTAS WIND SYSTEMS A/S	2,763,174	WILLIAMS, ANTHONY	2,581,680
TOYOTA JIDOSHA KABUSHIKI KAISHA	2,776,367	VETILLARD, ALBAN	2,511,864	WILLIAMS, HEATHER ELIZABETH	2,619,507
TRABOLD, MARK	2,556,474	VICAL INCORPORATED	2,508,228	WILLIAMS, JOHN R.	2,729,343
TREND, ROBERT G.	2,404,221	VIDEOJET TECHNOLOGIES INC.	2,552,536	WILLIAMS, SIMON F.	2,640,750
TREUSCH, ALEXANDER H.	2,495,797	VILLAX, PETER	2,652,283	WILLIAMSON, RICHARD	2,563,920
TRIJATMIKO, KURNIAWAN RUDI	2,621,536	VOEGELE, AARON C.	2,541,224	WILLS, DAVID J.	2,566,173
TRIPATHY, SASMITA	2,527,583	VOGE, DOUGLAS ALLAN	2,599,042	WILSON, JAMES M.	2,563,538
TRIZETTO CORPORATION	2,400,160	VOLKAR, JOHN	2,579,431	WILSON, JOHN MICHAEL	2,577,649
TROMS KRAFT PRODUKSJON AS	2,584,860	VORA, KRISHNAKANT P.	2,616,640	WILSON, PETER C.	2,540,713
TSUMURA & CO.	2,782,498	VOSKUH, RHONDA R.	2,623,839	WINEY, KAREN	2,553,254
TSUNO, NAOKI	2,697,051	VUKICEVIC, SLOBODAN	2,617,578	WINSTON, JEFFREY M.	2,496,639
TULLY, STEPHEN J.	2,579,892	WABNIK, STEFAN	2,656,423	WISCONSIN ALUMNI RESEARCH FOUNDATION	2,629,427
TURBOMECA	2,656,435	WADA, SHIGEHISA	2,578,202	WISENOECKER, RICHARD	2,731,062
TURNER, DENIS P.	2,671,853	WADA, YUKINORI	2,648,503	WITTMANN, DIETER	2,615,853
TYCO ELECTRONICS CORPORATION	2,516,258	WAGO, TOSHIMICHI	2,686,773	WLOCH, MARY KOPKE	2,508,228
TYCO HEALTHCARE GROUP LP	2,579,892	WAGUESPACK, KENNETH	2,676,400	WOLF, THOMAS	2,657,180
U.S. GOVERNMENT, AS REPRESENTED BY THE SECRETARY OF THE ARMY	2,486,089	WALKER, DAVID H.	2,555,413	WOMACK, JAMES EARL	2,713,870
UBE INDUSTRIES, LTD.	2,637,388	WALKER, MATTHEW DAVID	2,519,735	WONG, JOSHUA KWAN HO	2,718,359
UBE INDUSTRIES, LTD.	2,648,503	WALSH, KENNETH T.	2,607,573	WOOD, MICHAEL BARRINGTON	2,633,733
UCB PHARMA GMBH	2,570,598	WALSH, NICHOLAS R.	2,607,573	WOOD, SIMON MAURICE	2,516,302
UCHIDA, YUKIO	2,642,308	WALTER, MARY A.	2,807,518	WORTON, IAN GEOFFREY	2,607,979
UEHARA, RYOSUKE	2,666,152	WALTER, RENE	2,543,190	WOZNIAK, MYRIAM	2,607,242
UEHARA, RYOSUKE	2,713,529	WALTERMO, ASA	2,652,499	WRIGHT, PHILIP	2,617,330
UHLMANN, EUGEN	2,664,219	WAN, YONGQIN	2,733,533	WRIGHT, ROGER B.	2,609,217
ULMER, LARS	2,577,305	WANAT, DAVID J.	2,530,835	WTP OPTICS, INC.	2,607,946
UMESH, ANIL	2,797,805	WANDELS, PHILIPPE	2,733,400	WU, SHAOFU	2,536,203
UNDERWOOD, DAVID	2,725,118	WANG, MICHAEL MAO	2,664,526	WUNDER, FRANK	2,626,454
				WYETH	2,543,045
				XEROX CORPORATION	2,703,444
				XEROX CORPORATION	2,707,273
				XIE, YUN FENG	2,733,533
				XU, ZHANPING	2,756,043
				XUE, YANYAN	2,749,368
				YAEKURA, TAKASHI	2,807,332

**Index of Canadian Patents Issued  
December 17, 2013**

YAGIHASHI, SOROKU	2,633,481
YAMADA, NORIYUKI	2,713,529
YAMADA, TETSUYA	2,591,878
YAMAMOTO, MITSUHIKO	2,683,125
YAN, FENG	2,547,024
YANG, ALAIN	2,556,474
YANG, KUNYONG	2,729,495
YAO, JIANGCHAO	2,697,051
YAO, RAY	2,563,530
YEH, KUANG-CHAO ERIC	2,493,180
YOKOI, TATSUO	2,591,878
YOKOTA, NAOYUKI	2,648,503
YOKOYAMA, YUU	2,755,884
YOON, SEI SEUNG	2,709,400
YOON, SEI SEUNG	2,711,671
YOSHIDA, MICHITAKA	2,699,723
YOSHII, RYOJI	2,785,694
YOUNGBAE, PARK	2,711,348
YOUNGGON, KIM	2,711,348
YU, YI	2,713,870
YUN, YOUNG WOO	2,711,293
ZAIDEL, LYNETTE	2,685,749
ZEINER, MARK S.	2,541,224
ZELDIS, JEROME B.	2,659,774
ZENG, XIANGUANG	2,639,715
ZENKE, FRANK	2,611,893
ZHANG, GUANGHUA G.	2,550,658
ZHANG, GUOBAO	2,733,533
ZHANG, GUODONG	2,541,777
ZHANG, WEI	2,696,232
ZHANG, ZHENGMING	2,580,871
ZHENG, HEWEN	2,698,613
ZHENG, SHUNFENG	2,715,451
ZHONG, CHENG	2,711,671
ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD.	2,683,297
ZHOU, WEI HUA	2,731,062
ZHUANG, KAI	2,543,045
ZIMMON, DAVID	2,506,880
ZINGER, FREDDY	2,625,824
ZKZ SCIENCE CORP.	2,506,880
ZOETIS P&U LLC	2,564,769
ZUNIGA, JUAN CARLOS	2,650,436
ZWARTZ, EDWARD G.	2,707,273
ZWICK, CAROLA EVA	2,700,254
ZWICK, ROLAND ROLF	2,700,254
ZYMOGENETICS, INC.	2,366,921

# Index of Canadian Applications Open to Public Inspection

December 1, 2013 to December 7, 2013

## Index des demandes canadiennes mises à la disponibilité du public

1 décembre 2013 au 7 décembre 2013

3M INNOVATIVE PROPERTIES COMPANY	2,816,256	BOAR, CRISTIAN	2,807,969	CRUSHPROOF TUBING COMPANY	2,815,414
AAF-MCQUAY	2,815,980	BOEHM, UWE	2,817,236	CRUSHPROOF TUBING COMPANY	2,815,425
ABDELEAHAB, AHMED	2,779,038	BOHL, SCOT	2,818,292	CRUSHPROOF TUBING COMPANY	2,817,603
ADAMS, NEIL PATRICK	2,816,704	BOND, WILLIAM R.	2,788,307	CRUZ-AGUADO, JORGE ANDRES	2,817,473
ADDEPAR, INC.	2,817,652	BOSMA, KENNETH	2,779,077	CYGNUS GLOBAL LLC	2,816,851
ADDEPAR, INC.	2,817,660	BOSMA, MURRAY	2,779,077	DAIDO STEEL CO., LTD.	2,818,061
ADVANTAGE PHARMACY SERVICES LLC	2,816,630	BOWER, DAVID	2,817,428	DALLAIRE, TOMMY	2,779,215
AEG POWER SOLUTIONS B.V.	2,816,625	BRAY, KEVIN M.	2,779,671	DASSAULT SYSTEMES	2,818,056
AEG POWER SOLUTIONS B.V.	2,817,474	BRENNECKE, BURKHARDT	2,818,113	DASSAULT SYSTEMES	2,818,063
AELLEN, THIERRY	2,817,328	BRIDGEPORT FITTINGS, INC.	2,808,773	DASSAULT SYSTEMES SIMULIA CORP.	2,817,438
AGOURIDIS, DIMITRIS	2,779,739	BSH HOME APPLIANCES CORPORATION	2,814,818	DASSAULT SYSTEMES SIMULIA CORP.	2,817,458
AIR LIQUIDE MEDICAL SYSTEMS	2,813,937	BUCHEGGER, THOMAS	2,817,513	DAVOINE, ROMAIN	2,813,937
AKDENIZ, SINAN OLCAYTON	2,817,431	BURGER, JUERGEN	2,817,328	DECESARE, CHRISTOPHER W.	2,808,773
ALSTOM HYDRO FRANCE	2,816,108	BUTTERFIELD, DONAL	2,816,649	DECOURSEY, CALVIN	2,816,522
ALTSTAETTER, JACOB D.	2,817,603	CALZOLARI, EMIL	2,779,072	DEERE & COMPANY	2,817,441
AMG MEDICAL INC.	2,807,969	CANPLAS INDUSTRIES LTD.	2,779,705	DESMEULES, ALAIN	2,779,182
ANGE, MARK	2,816,851	CARRASCO, JOSE DAVID MOLINA	2,817,611	DEZURIK, INC.	2,791,095
ARCHARD, NOEL	2,818,106	CASTLE, LEONA	2,779,440	DEZURIK, INC.	2,791,207
ARIEMMA, JOSEPH	2,816,851	CERNY, JASON	2,778,644	DISTLER, BERND	2,814,561
ARNOLD, GEORGE F.	2,779,209	CGGVERITAS SERVICES SA	2,817,305	DISTLER, BERND	2,814,671
ASPENBERG, PAUL B.	2,818,070	CHAFFARD, DENIS	2,813,937	DITTO, CHRISTOPHER	2,818,214
AVERBERG, ANDREAS	2,816,625	CHAN, WAI LOON	2,817,652	DIVERSITY TECHNOLOGIES CORPORATION	2,779,190
AVERBERG, ANDREAS	2,817,474	CHAN, WAI LOON	2,817,660	DIVERSITY TECHNOLOGIES CORPORATION	2,817,651
BACTECH ENVIRONMENTAL CORPORATION	2,817,965	CHAN, WEN-YEN	2,817,315	DODD, JAMES CHRISTIAN	2,818,240
BAIG, ADAM MIRZA	2,815,906	CHASMAR, CHRIS	2,779,217	DODD, JAMES CHRISTIAN	2,818,538
BAKKER, STEVEN	2,778,644	CHASSE, BERTRAND	2,779,100	DREAMWELL, LTD.	2,818,154
BALDWIN, N. SCOTT	2,779,705	CHEMTOB, SYLVAIN	2,779,949	DU, ZHEN-ZHONG	2,817,458
BALLERINI, JEFF	2,818,070	CHG HOSPITAL BEDS INC.	2,778,644	DUMONT, GILLES	2,817,951
BARRETT, JOHN TODD	2,816,630	CHIN, HARRISON H.	2,817,487	EDWARDS, PAUL	2,829,060
BATES, ANNE CATHERINE	2,817,397	CHINNAKONDA, MANOJ KUMAR MOHANRAM	2,817,438	ELPERS, PHILIP	2,818,535
BAUER, JOHN M.	2,815,980	CHISHTY, WAJID ALI	2,778,722	ERNST, PETER	2,814,561
BAUMEISTER, STEFAN	2,816,108	CHRISTY, CARLTON N.	2,814,895	ERNST, PETER	2,814,671
BEARDSLEY, JOHN	2,816,233	CHRISTY, JODY	2,807,085	ESG SOLUTIONS INC.	2,815,906
BEARDSLEY, JOHN	2,816,279	CHU, WILLIAM	2,817,660	ESPOSITO, CHRISTOPHER	2,807,582
BEARDSLEY, JOHN	2,816,292	CIRCADIANCE, LLC	2,817,613	EVANS, CHRISTOPHER KELLY	2,817,410
BEAUREGARD, KIM	2,779,949	CLEMONS, LELAND	2,818,106	EVATT, BOB	2,818,292
BECKIE, WILLIAM N.	2,828,939	CONAN, VANIA	2,818,104	FAIR, KENNETH	2,817,498
BELL HELICOPTER TEXTRON INC.	2,816,318	CONCORD PRODUCED WATER SERVICES, LLC	2,817,428	FALKENBERG, PETER LOEVENSKJOLD	2,817,353
BELL, PATRICK G.	2,828,939	CONLEYMAX, INC.	2,828,939	FANERGIES LLC	2,817,496
BENSON, DALE	2,779,666	CONNELL, JASON	2,778,644	FAURE, BERTRAND	2,818,056
BIANCHINI, NICOLA	2,779,072	CORMIER, DANIEL	2,789,049	FAURE, BERTRAND	2,818,063
BISSELL HOMECARE, INC.	2,816,775	COSTAR GROUP	2,818,292	FELLER, OLAF	2,818,113
BLACKROCK INSTITUTIONAL TRUST COMPANY, N.A.	2,818,106	COVIDIEN LP	2,816,233	FISCHVOGT, GREGORY	2,817,410
BLENKUSH, ROBERT A.	2,791,095	COVIDIEN LP	2,816,279	FLORANCE, ANDREW C.	2,818,292
BLENKUSH, ROBERT A.	2,791,207	COVIDIEN LP	2,816,292	FONTAINE, SYLVAIN	2,816,290
BLEWETT, MICHAEL R.	2,809,985	COVIDIEN LP	2,816,738		
BLOMERUS, PAUL M.	2,779,150	COVIDIEN LP	2,817,410		
BLOUIN, YVON	2,778,353	CP.MEDIA AG	2,818,113		
		CRIPPS, PATRICK	2,779,658		
		CRONIN, DUANE S.	2,779,209		
		CROWE, MATTHEW	2,818,127		

**Index of Canadian Applications Open to Public Inspection  
December 1, 2013 to December 7, 2013**

FORSTER TECHNIK GMBH	2,816,651	HOGG, ANDREAS	2,817,328	KRAMER, VANCE M., JR.	2,815,425
FORSTER, THOMAS	2,816,651	HOIRUP, CARSTEN	2,815,900	KRAUSE, THOMAS	2,779,226
FRERKING, JOHN R.	2,818,260	HONEYWELL		KRAUSS, KEVIN E.	2,818,214
FUJISAKI, KAZUO	2,815,980	INTERNATIONAL INC.	2,817,498	KRIEGER, KEVIN	2,817,614
GAHR, JASON PAUL	2,817,397	HOPEWELL, ROBERT	2,779,949	KRIES, ANDY R.	2,818,070
GALLOWAY, ERIC M.	2,779,528	HOPITAL MAISONNEUVE- ROSEMONT	2,779,949	KRINNER INNOVATION GMBH	2,817,550
GALPERIN, VICTOR	2,815,900	HORMANN, STEFAN	2,817,236	KUNSELMAN, HOWARD S.	2,817,487
GANESHALINGAM, THEBAN	2,816,500	HSIEH, PING-FONG	2,828,851	LAMBARE, GILLES	2,817,305
GARCIA-RAMOS, YESICA	2,779,949	HSU, CHENG-SHENG	2,815,458	LAPIERRE, EMILE	2,779,100
GASS, JOHN C.	2,807,582	HU, BOBBY	2,814,521	LAU, ALEX TAK KWUN	2,779,349
GAY, STACEY CHARLEEN	2,779,705	HU, JIANG	2,818,408	LAU, DIANNA	2,779,349
GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED	2,818,090	HUBBELL INCORPORATED	2,815,661	LAURBERG, HANS	2,817,353
GE-HITACHI NUCLEAR ENERGY CANADA INC.	2,778,587	HUDSON, TYRUS HAWKES	2,817,611	LEE, ADAM W.	2,778,854
GE-HITACHI NUCLEAR ENERGY CANADA INC.	2,778,596	HUGHES, ANDREW	2,818,535	LEGUAY, JEREMIE	2,818,104
GEORGE, CHRISTOPHER	2,778,644	HUGHES, SIMON ANDREW	2,815,900	LEHNER, DEAN TAYLOR	2,817,558
GHESNER, IOAN	2,779,190	IBM CANADA LIMITED - IBM CANADA LIMITEE	2,779,235	LEIGH, KIMBERLY D.	2,818,073
GHESNER, IOAN	2,817,651	IBM CANADA LIMITED - IBM CANADA LIMITEE	2,779,349	LEITCH, ROSEMARY ELAINE	2,817,346
GIST, DAVID B.	2,815,980	IBRAHIM, AMR	2,779,038	LEMAY, PHIL	2,779,435
GLASS, DENNIS M.	2,816,256	ICP MEDICAL, LLC	2,817,489	LEVESQUE, MARC	2,807,903
GLEICH, KLAUS FRIEDRICH	2,817,562	IGT	2,816,522	LIEN, TIMOTHY JAY	2,817,397
GONGAWARE, GRANT	2,818,214	IHI CORPORATION	2,818,061	LINDEMANN, HARRY	2,817,422
GOODMAN, KEVIN	2,817,559	ILOPOULOU, VASILIKI	2,816,613	LISE, JONATHAN M.	2,816,256
GRAHAM, MICHAEL	2,816,775	INDIAN INDUSTRIES, INC.	2,818,535	LOCKHART, PHILIP	2,779,209
GRANETO, JOSEPH A., III	2,817,489	INFINEUM INTERNATIONAL LIMITED	2,818,240	LONSDALE, JOE	2,817,660
GRAZIOLI, MARCO	2,818,054	INFINEUM INTERNATIONAL LIMITED	2,818,538	LUBELL, WILLIAM D.	2,779,949
GREEN, DAVID L.	2,817,487	INSTITUT NATIONAL D'OPTIQUE	2,807,903	LUNDLI, STIAN	2,817,558
GREENBAUM, MICHAEL	2,817,660	INTERROLL HOLDING AG	2,817,422	MACDON INDUSTRIES LTD.	2,789,049
GREENE, MATTHEW RUSSELL	2,815,900	IONESCU, PAUL	2,779,235	MADANI, SEYED MEHDI	2,778,587
GROLL, DAVID	2,817,613	ISLAM, OBIDUL	2,779,235	MADANI, SEYED MEHDI	2,778,596
GUERCIO, VINCENZO	2,818,408	IZZO, MICHAEL	2,807,969	MAHOFSKI, RONNIE E.	2,817,613
GUERZINI, MICHAEL	2,818,535	JABBOUR, NAMEH	2,817,431	MANITOBA HYDRO	2,817,716
GUILLAUME, PATRICE	2,817,305	JACKSON, DONALD W.	2,778,754	MANNINEN, ALLAN R.	2,779,131
GUO, JUNXIANG	2,817,965	JAHN, MICHAEL WALTER	2,817,558	MANSSON, KEITH RONALD	2,815,900
HAINZL INDUSTRIESYSTEME GMBH	2,817,513	JANSSEN, MARTIN	2,777,901	MANTYLA, JAMES BRIAN	2,779,705
HALLMARK CARDS, INCORPORATED	2,817,397	JENSEN, ERIK D.	2,818,070	MARLITE, INC.	2,817,614
HAMILTON SUNDSTRAND CORPORATION	2,809,985	JOHNS MANVILLE	2,817,562	MARTELL, RICHARD THOMAS, III	2,817,652
HARBOUR, JODY	2,779,942	JOHNS MANVILLE	2,817,571	MARTELL, RICHARD THOMAS, III	2,817,660
HARLINGTON, CAISEY	2,817,656	JOHNSON, ERIC ANTHONY	2,817,475	MARTINI, DAVIDE	2,779,072
HASHMI, ATIQ	2,817,554	JOHNSON, JASON W.	2,828,849	MARUSYK, RANDALL W.	2,817,656
HATHAWAY, PETER	2,816,738	JOHNSON, JOHN F.	2,818,073	MCGREGOR, RODERICK J.	2,779,226
HAYMOND, BRADLEY J.	2,818,070	JOU, STEPHAN FONG-JAU	2,779,349	MCKINNON, MELISSA S. A.	2,779,150
HEIL TRAILER INTERNATIONAL, CO.	2,817,500	KAYE, BRETT JAMES	2,817,435	MEAD, STEPHEN	2,817,498
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE	2,779,226	KAZUSHIGE, KASAI	2,815,980	MECEV, ALEKSANDAR	2,818,090
HERAEUS KULZER GMBH	2,817,236	KEELER, TODD	2,779,077	MEDOS INTERNATIONAL SARL	2,817,328
HERMANN, FRITZ	2,818,318	KEIP, PAUL ROBIN	2,817,318	MELANSON, BRADLEY E.	2,779,150
HESCH, CLEMENS	2,817,513	KELLY, TONY	2,818,106	MERGES, ADAM J.	2,818,070
HESS, ALEXANDER GERALD CHRISTIAN	2,818,228	KEPPNER, HERBERT	2,817,328	MERHAR, THOMAS	2,818,318
HILLIARD, WILLIAM R., SR.	2,817,332	KETZER, MICHAEL	2,817,562	MERRITT, JOHN	2,818,292
HILTI AKTIENGESELLSCHAFT	2,818,318	KHALIFE, HICHAM	2,818,104	MEYERS, DANNY	2,807,969
		KILE, RONALD J.	2,794,043	MICHALYSHYN, MICHAEL PAUL	2,817,475
		KIM, NANCY L.	2,817,238	MILLER, PAUL CHARLES	2,817,965
		KIMURA, EI	2,818,061	MINER ENTERPRISES, INC.	2,818,070
		KMC EXIM CORP.	2,798,724	MIRRA, JASON	2,817,652
		KNIGHT, GARRETT D.	2,817,607	MIRRA, JASON	2,817,660
		KNUDSEN, LIANNA	2,779,217	MISCIAGNA, DAVID THOMAS	2,814,677
		KONDRATOVA, EUGENIA	2,779,235	MONACO, MICHAEL ANTHONY, JR.	2,817,397
		KRAMER, VANCE M.	2,817,603	MONTEMURRO, MICHAEL PETER	2,816,743
		KRAMER, VANCE M., JR.	2,815,414		

## Index des demandes canadiennes mises à la disponibilité du public

1 décembre 2013 au 7 décembre 2013

MORELEN, STEVEN MARK	2,815,900	RESEARCH IN MOTION		SOUTHEY, BLAKE BENJAMIN	
MOYHER, GEORGE, JR.	2,816,775	LIMITED	2,815,458	THOMAS	2,818,228
MUFTI, MUID	2,779,739	RESEARCH IN MOTION		SPEARS, JOHN	2,815,900
MUKHERJEE, ANIMESH	2,817,498	LIMITED	2,815,900	SRINIVAS, ASHVIN	2,817,498
MUMFORD, DAVID K.	2,779,150	RESEARCH IN MOTION		STANEK, MARK W.	2,818,070
NAGY, LOU	2,817,965	LIMITED	2,816,500	STATE FARM MUTUAL	
NAKANOWATARI, ISAO	2,818,061	RESEARCH IN MOTION		AUTOMOBILE	
NATIONAL RESEARCH		LIMITED	2,816,704	INSURANCE COMPANY	2,818,073
COUNCIL OF CANADA	2,778,722	RESEARCH IN MOTION		STECHER, BRIAN JOHN	2,817,559
NEMES, TYLER	2,818,223	LIMITED	2,816,743	STUART, AARON	2,816,500
NG, JOANNA W.	2,779,349	RESEARCH IN MOTION		SULZER METCO AG	2,814,561
NGUYEN, NHAN	2,817,660	LIMITED	2,817,315	SULZER METCO AG	2,814,671
NICHOLAS, DAVID	2,816,233	RESEARCH IN MOTION		SUN, EARL S.	2,828,851
NICHOLAS, DAVID	2,816,279	LIMITED	2,817,318	SWAIL DEVELOPMENTS LTD.	2,779,790
NICHOLAS, DAVID	2,816,292	RESEARCH IN MOTION		SWINYARD, DOUGLAS	
NORTHERN OPTOTRONICS		LIMITED	2,818,069	CRAIG	2,817,441
INC.	2,817,476	REYNOLDS, ZACHARY	2,817,660	TACHI, KATSUAKI	2,816,513
NORTHERN STAR		REZNICHEK, KARL	2,817,716	TACHI, KATSUAKI	2,817,439
INDUSTRIES, INC.	2,807,085	RIELLO S.P.A.	2,779,072	TAKABAYASHI, HIROYUKI	2,818,061
O'DONNELL, GLEN W.	2,817,508	RISTOVSKI, ALEKSANDAR	2,817,559	TAKAHASHI, SATOSHI	2,818,061
O'NEIL, KEVIN	2,818,214	ROBB, CARL L.	2,779,705	TALUKDAR, TANEEM	
OANCEA, VICTOR GEORGE	2,817,438	RODEBAUGH, JONATHAN O.	2,815,414	AHMED	2,818,069
ONDERWATER, THOMAS G.	2,778,587	RODEBAUGH, JONATHAN O.	2,815,425	TANAKA, YUTA	2,818,061
ONG, HUY	2,779,949	ROLL, LEIF A.	2,818,073	TARCY, SCOTT	2,814,818
ONUT, IOSIF VIOREL	2,779,235	ROSS, JAMES P.	2,818,154	TARDY, YANIK	2,817,328
ORR, MURRAY ROSS	2,817,965	ROSS, JUSTIN	2,817,660	TARGET BRANDS, INC.	2,828,849
ORTIZ, JUAN ANTONIO		ROSWALL, MARTIN TAGE	2,817,438	TARGET BRANDS, INC.	2,828,851
HURTADO	2,817,438	ROUSSY, RICHARD	2,778,644	TAYLOR, ERIC	2,816,738
OSTERMEIER, PETER	2,818,318	ROY, RITWICK	2,817,438	TECHSPACE AERO S.A.	2,816,613
PAK, MARGARET	2,798,724	RUSSELL, KEITH RODERICK	2,817,475	TELMATE LLC	2,818,214
PARMAR, NARESH	2,816,500	RV LIGHTING	2,779,215	TETERVAK, ALEXANDR	2,779,226
PAUL, BINUSH KUMAR	2,817,318	SALMON, DIANE C.	2,817,238	THALES	2,818,104
PAULUS, MICHAEL	2,817,652	SALVI, GIORGIO	2,818,054	THE BOEING COMPANY	2,807,582
PAULUS, MICHAEL	2,817,660	SAMSON, PIERRE PAUL	2,783,339	THE BOEING COMPANY	2,814,677
PAUZE, ADAM	2,816,516	SANOCKI, STEPHEN M.	2,816,256	THE BOEING COMPANY	2,814,895
PENROD, JASON BLAKE	2,817,397	SANTIQUET, LAURENT	2,818,056	THERMOS K.K.	2,816,513
PETERSEN, ERIK	2,818,214	SANTIQUET, LAURENT	2,818,063	THERMOS K.K.	2,817,439
PETERSON, DANIEL W.	2,828,851	SASAKI, KOTA	2,818,061	THERMOS LIMITED	
PICA, ANTONIO	2,817,305	SCANDINARO, NADINE	2,817,613	LIABILITY COMPANY	2,816,513
PIKE, JAMES ARTHUR	2,817,304	SCHIEFF, ADAM SAMUEL	2,817,397	THERMOS LIMITED	
POIRIER, BRADLEY MARC	2,817,476	SCHNEIDER, THOMAS	2,779,212	LIABILITY COMPANY	2,817,439
POIRIER, JEAN MARC	2,817,476	SCHOEDL, ERICH A.	2,818,070	THIESSEN, LESTER JAMES	2,826,809
POLEFAB INC.	2,779,209	SCHOVILLE, FRED P.	2,816,630	THOMAS, JOSEPH M.	2,808,773
POUPORE, TIMOTHY JAMES		SCHULER, BERNHARD, L.	2,817,496	THORPE-DOUBBLE, STEPHEN	
HENDRIE	2,779,705	SCHWERY, ALEXANDER	2,816,108	P.	2,779,790
POWELL, GENE E.	2,816,522	SENSENEY, ERIK G.	2,808,773	THURNER, GUNTHER	2,817,550
PREVOST, MICHEL	2,783,339	SHERBONDY, ANTHONY	2,817,660	THURNER, MARTIN	2,817,550
PRIBANIC, RUSSELL	2,816,233	SHERKIN, ALEXANDER	2,816,704	TORGERSRUD, RICHARD	2,818,214
PRIBANIC, RUSSELL	2,816,279	SHOOSHTARI, KIARASH		TREMBLAY, ERIC	2,779,215
PROULX, CAROLINE	2,779,949	ALAVI	2,817,571	TROITE, TORGEIR	
PUTERBAUGH, KEVIN	2,807,582	SHORT, KEITH E.	2,809,985	ANDERSSEN	2,817,558
QBIZ, LLC	2,788,796	SHUE, SHYHPYNG JACK	2,816,318	TROY, JAMES J.	2,807,582
QBIZ, LLC	2,790,755	SIEMENS		TRUSKOVSKY, ALEXANDER	2,816,704
QNX SOFTWARE SYSTEMS		AKTIENGESELLSCHAFT	2,817,353	TUTTLE, JOHN R.	2,788,796
LIMITED	2,817,475	SILVERBERG LINE CANADA		TUTTLE, JOHN R.	2,790,755
INC.		INC.	2,818,228	TWIN-STAR	
QNX SOFTWARE SYSTEMS		SILVERBERG, GARY		INTERNATIONAL, INC.	2,818,127
LIMITED	2,817,559	JEFFERSON	2,818,228	TWIN-STAR	
RAB LIGHTING, INC.	2,818,408	SIMMONDS PRECISION		INTERNATIONAL, INC.	2,818,223
RAPTOR MINING PRODUCTS		PRODUCTS, INC.	2,817,487	UETA, SHIGEKI	2,818,061
INC.	2,817,607	SMI S.P.A.	2,818,054	UNDERHILL, ROSS	2,779,226
REDEMANN, HELMUT	2,817,236	SNELL, JACOB Q.	2,817,716	UNIVERSITE DE MONTREAL	2,779,949
REEVES WIRELINE		SNIFFIN, KEVIN	2,816,738	UNKNOWN	2,777,901
TECHNOLOGIES LIMITED	2,817,304	SOURCE EVOLUTION	2,783,339	URBANCIC, THEODORE IVAN	2,815,906

**Index of Canadian Applications Open to Public Inspection  
December 1, 2013 to December 7, 2013**

UZONWANNE, ELLEN	2,818,784
VAN KAMPEN, LEO PETER	2,779,705
VANMALDEGIAM, MICHAEL D.	2,818,070
VIGNEUX, TONY	2,779,478
VINOTHEQUE WINE CELLARS	2,779,212
VIRANI, BARKET	2,816,500
VISA INTERNATIONAL SERVICE ASSOCIATION	2,817,238
VISENTIN, ALESSIO	2,779,072
VITALAIRE CANADA INC.	2,829,060
VONDERHEIDE, JAMES ALAN	2,817,238
WAL-MART STORES, INC.	2,818,260
WALIMAA, JON K.	2,807,085
WANG-MUNSON, DAN	2,818,408
WARATAH NZ LIMITED	2,817,435
WASON, PETER MATTHEW	2,815,661
WATTERODT, SIDNEY	2,791,095
WATTERODT, SIDNEY	2,791,207
WEATHERFORD/LAMB, INC.	2,817,558
WEST, JOHN RAYMOND	2,817,611
WESTPORT POWER INC.	2,779,150
WHITE, STEVE R.	2,818,070
WILSON, MICHEAL F.	2,779,705
WILSON, SHAWN M.	2,778,587
WILSON, SHAWN M.	2,778,596
WOHLEVER, CHRIS	2,817,458
WOJNAR, DARIUSZ	2,818,106
WOLDEGERGIS, YOHANNES	2,817,236
WU, JUN	2,818,073
WUESTEFELD, ANDREAS	2,815,906
XIA, LIN	2,817,458
XU, MING	2,807,969
YAMANE, KOSHIRO	2,818,061
YIELDING, BRYAN	2,817,500
YOUNG, STEPHANIE FARRIS	2,817,397
YUSA, SATORU	2,818,061
ZACCHE', VANNI	2,818,054
ZEMLOK, MICHAEL	2,816,233
ZEMLOK, MICHAEL	2,816,279
ZEMLOK, MICHAEL	2,816,292
ZEP SOLAR, INC.	2,817,611
ZHANG, JERRY	2,817,660
ZOBEL, ERIN L.	2,828,849

# Index of PCT Applications Entering the National Phase

## Index des demandes PCT entrant en phase nationale

3M INNOVATIVE PROPERTIES COMPANY	2,834,567	AMS RESEARCH CORPORATION	2,834,269	AULD, KATHLEEN	2,834,607
AARHUS UNIVERSITET	2,834,060	AMS RESEARCH CORPORATION	2,834,273	AURONGZEB, DEEDER	2,834,314
ABA HORTNAGL GMBH	2,834,580	AMYRIS, INC.	2,834,375	AUSTEFJORD, ARNE	2,831,014
ABAD, ANDRE R.	2,834,364	ANADA, HIROYUKI	2,834,245	AUTONEUM MANAGEMENT AG	2,833,995
ABB RESEARCH LTD	2,833,815	ANDERSON, GEORGE E.	2,834,195	AVIOVISION	2,834,206
ABBVIE INC.	2,834,237	ANDERSON, SHAWN WILLIAM	2,833,924	AZEGAMI, KENICHI	2,834,361
ABE, KOJI	2,834,137	ANDERSON, TREY	2,834,568	AZZANI, JEAN-LUC	2,834,510
ABE, TETSUSHI	2,834,208	ANDERSSON, BORJE S.	2,834,262	BACKFOLK, KAJ	2,834,460
ABO, SEIYA	2,834,017	ANDRES, HERBERT	2,834,456	BACKUS, BRUCE EDWARD	2,834,197
ABOUMRAD, TONY	2,834,314	ANDRESEN, BRIAN MICHAEL	2,834,043	BAI, BIN	2,834,290
ABRAXIS BIOSCIENCE, LLC	2,834,040	ANDREW TECHNOLOGIES LLC	2,834,407	BAKER HUGHES INCOPROATED	2,834,059
ABSIO CORPORATION	2,834,509	ANDREW, MARK S.	2,834,407	BAKER HUGHES INCORPORATED	2,834,071
ACME SPECIALTY PRODUCTS, LLC	2,834,231	ANDRITZ AG	2,834,119	BAKER HUGHES INCORPORATED	2,834,358
ACTIVAERO GMBH	2,834,063	ANDRITZ AG	2,834,120	BALLESTER, MARIA	2,834,449
ADALIS CORPORATION	2,834,284	ANDRITZ AG	2,834,181	BALTES, CHRISTIAN	2,833,915
ADLER-MOORE, JILL	2,834,349	ANISA INTERNATIONAL, INC.	2,834,065	BANG, HYO-SANG	2,834,462
ADLYFE, INC.	2,834,056	ANNAMALAI, BALAMURUGAN R.	2,834,323	BANKER, EDWARD O.	2,834,586
ADVANCED BIOSCIENCE LABORATORIES, INC.	2,834,288	ANTHONY, NEVILLE JOHN	2,834,043	BANNO YOSHIFUMI	2,834,211
AERTS, LAETITIA	2,834,621	AOKI, HIROFUMI	2,834,193	BARATTA, ANTHONY	2,834,317
AGIOS PHARMACEUTICALS, INC.	2,834,602	AOKI, HIROFUMI	2,834,409	BARRADAS, SEAN	2,834,015
AGVENTURE B.V.	2,834,096	APEXIGEN, INC.	2,834,404	BARTLETT, MICHAEL B.	2,834,373
AIRBUS OPERATIONS GMBH	2,833,925	APPAY, DOMINIQUE	2,834,560	BARTLEY, STUART L.	2,834,072
AIRCRAFT MEDICAL LIMITED	2,834,319	APPLETON PAPERS INC.	2,834,081	BARTUNKOVA, JIRINA	2,833,946
AKKAPEDDI, MURALI K.	2,834,261	ARBONEAU, EMMET J., III	2,834,230	BARTZ, STEVEN	2,834,610
AKZO NOBEL COATINGS INTERNATIONAL B.V.	2,833,932	ARCHER, MATTHEW J.	2,834,260	BASF SE	2,833,915
ALBEROLA, BERTRAND	2,833,919	ARD, CHRISTOPHER	2,833,952	BASF SE	2,834,110
ALCON LENSX, INC.	2,834,499	ARKEMA FRANCE	2,833,821	BASF SE	2,834,380
ALCON RESEARCH, LTD.	2,834,344	ARKEMA FRANCE	2,834,117	BASF SE	2,834,551
ALEN, JO	2,834,387	ARNONE, MILES	2,834,178	BASTIAN, JAN	2,834,168
ALEXANDER, JAMES A.	2,834,269	ARONHALT, TAYLOR W.	2,834,413	BAUM, THOMAS J.	2,834,207
ALEXANDER, JAMES A.	2,834,273	ARONHALT, TAYLOR W.	2,834,403	BAUMANN, MICHAEL	2,834,624
ALLERGAN, INC.	2,833,961	ARONHALT, TAYLOR W.	2,834,419	BAUMANN, ROBERT	2,834,110
ALLERGAN, INC.	2,834,336	ARONHALT, TAYLOR W.	2,834,421	BAXTER, CHESTER O.	2,834,419
ALLMAN, MICHAEL	2,834,617	ARONHALT, TAYLOR W.	2,834,423	BAXTER, CHESTER O.	2,834,557
ALMEIDA PEIXOTO RIBEIRO, ANA MAFALDA	2,834,188	ARONHALT, TAYLOR W.	2,834,424	BAXTER, CHESTER O. III	2,834,421
ALSNER, JAN	2,834,588	ARONHALT, TAYLOR W.	2,834,425	BAXTER, CHESTER O., III	2,834,423
ALSTER, YAIR	2,834,295	ARONHALT, TAYLOR W.	2,834,477	BAXTER, CHESTER O., III	2,834,424
ALSTOM TECHNOLOGY LTD	2,834,054	ARONHALT, TAYLOR W.	2,834,477	BAXTER, CHESTER O., III	2,834,425
ALTMAN, MICHAEL D.	2,834,062	ARONHALT, TAYLOR W.	2,834,557	BAXTER, CHESTER O., III	2,834,477
ALTMAN, MICHAEL D.	2,834,604	AS IP HOLDCO, L.L.C.	2,834,335	BAXTER, CHESTER O., III	2,834,481
ALTREUTER, DAVID H.	2,834,619	ASHLEY, CARLEE ERIN	2,834,365	BAXTER, III CHESTER O.	2,834,403
ALVING, CARL	2,834,288	ASK S.A.	2,834,112	BAXTER, CHESTER O. LP	2,833,533
AMADEUS S.A.S.	2,833,919	ASSURANT, INC.	2,831,807	BAYER INTELLECTUAL PROPERTY GMBH	2,834,321
AMADEUS S.A.S.	2,834,107	ASTLE, ROBERT	2,834,511	BAYER INTELLECTUAL PROPERTY GMBH	2,834,325
AMAKEM NV	2,834,387	ATLAS COPCO ROCK DRILLS AB	2,834,155	BAYER INTELLECTUAL PROPERTY GMBH	2,834,325
AMES, NIGEL	2,833,533	ATLAS COPCO ROCK DRILLS AB	2,834,226	BAYER INTELLECTUAL PROPERTY GMBH	2,834,337
AMGEN INC.	2,834,166	ATOTECH DEUTSCHLAND GMBH	2,834,109	BAYER, EBEN	2,834,095
AMO GRONINGEN B.V.	2,834,564	AUBERT & DUVAL	2,834,410	BD Kiestra B.V.	2,834,443
		AUBURN UNIVERSITY	2,834,382	BEACHY, PHILIP A.	2,834,368
				BECERRA, MANUEL	2,831,807

## Index of PCT Applications Entering the National Phase

BECH, ALLAN TORBEN	2,834,308	BONNET, SEBASTIEN	2,833,914	CAIN, SEAN A.	2,834,358
BECH, ALLAN TORBEN	2,834,311	BONWICK, GRAHAM	2,834,308	CALDERWOOD, DAVID J.	2,834,237
BECK, BENJAMIN JAMES	2,834,340	BONWICK, GRAHAM	2,834,311	CALDWELL, CHARLES	2,833,956
BECK, BENJAMIN JANES	2,834,348	BOOMERANG SYSTEMS, INC.	2,834,371	CALLIGORI, DAVID	2,834,499
BECK, STEPHANIE	2,834,396	BOONE, JAMES HUNTER	2,834,400	CALOMFIRESCU, MIHAIL	2,834,312
BECK, ZACHARY Q.	2,834,379	BORGGGAARD, GEOFFREY	2,834,339	CAMARA, CARLOS	2,834,592
BECKER, NILS	2,834,321	BORN VAN DEN, ERWIN	2,834,449	CANCER PREVENTION AND CURE, LTD.	2,834,383
BECTON, DICKINSON AND COMPANY	2,834,092	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2,834,377	CANGENE CORPORATION	2,834,402
BELL, THOMAS A.	2,834,232	BOTMA, JETZE	2,834,443	CANOVAS VIDAL, CARMEN	2,834,564
BELLAIRE, THOMAS LLOYD	2,834,629	BOUDREAULT, RICHARD	2,834,151	CANRIG DRILLING TECHNOLOGY LTD.	2,834,172
BENEDI SANCHEZ, OCTAVIO	2,830,840	BOUDREAULT, RICHARD	2,834,356	CANTER, JAMES M.	2,834,354
BENNETT, JOEL	2,834,511	BOUKHNY, MIKHAIL	2,834,344	CANTER, JAMES M.	2,834,370
BENNETT, JOHN	2,834,511	BOULDIN, BRETT W.	2,834,079	CAO, BANGSHU	2,834,617
BENTLEY, ISHMAEL	2,834,377	BOUMSELLEK, SAID	2,833,959	CAPONE, LORI	2,834,355
BERAUD, JEAN-MARC	2,834,198	BOURDIN, FRANCK	2,834,204	CARLING, WILLIAM R.	2,833,961
BERENDS, ANKE MARJA	2,834,066	BOURG, BRANDON LEE	2,834,230	CARLSSON, ANDERS	2,834,301
BERGEN, JAMES RUSSELL	2,834,176	BOURIN, ARNAUD PIERRE JEAN	2,834,387	CARMAN, ROBERT J.	2,834,400
BERNTSEN, MARTIJN XANDER	2,834,443	BOUTANT, YANN	2,834,416	CARNES, ERIC C.	2,834,365
BERRY, JODY	2,834,402	BOYD, THOMAS J.	2,834,221	CARPENTER, MATTHEW CHACE	2,834,171
BERTRAM, PAUL	2,834,318	BOZZANO, ANDREA G.	2,834,320	CARRION VILLARNOVO, GLORIA LUZ LAURA	2,834,250
BEST, TALITHA	2,834,042	BRACHMAN, DAVID	2,834,559	CARSON, JEFFREY KENNETH	2,834,019
BHAMBHANI, AKHILESH	2,834,618	BRADLEY, DAVID C.	2,831,264	CARVALHO, SUSAN	2,834,455
BHARATHI, PANDI	2,834,199	BRADSHAW, DENNIS A.	2,834,284	CASAGOLDA VALLRIBERA, DAVID	2,834,456
BIEL, MARKUS CHRISTIAN	2,834,110	BRADY, DALE	2,834,377	CASLER, DAVID L.	2,834,037
BIOCEPTA CORPORATION	2,834,381	BRAXTON, LEON B.	2,834,266	CASSLAND, PIERRE	2,834,513
BIOENDEV AB	2,834,303	BRAXTON, LEON B.	2,834,333	CATINELLA, CHRISTOPHER MICHAEL	2,834,318
BIOENDEV AB	2,834,306	BREINLINGER, ERIC C.	2,834,237	CATON, JEFFREY D.	2,834,305
BIOENDEV AB	2,834,322	BRENNER, ALBRECHT	2,834,058	CAYOUILLE, ROBERT	2,833,903
BIOENDEV AB	2,834,324	BRETTMANN, BLAIR KATHRYN	2,834,212	CEDARS-SINAI MEDICAL CENTER	2,834,353
BIOENDEV AB	2,834,326	BRINCH-PEDERSEN, HENRIK	2,834,060	CELGENE CORPORATION	2,834,355
BIORAD LABORATORIES, INC.	2,834,291	BRINKER, JEFFREY C.	2,834,365	CELGENE CORPORATION	2,834,535
BISCHOFF, COREY MICHAEL	2,834,217	BRISTOL-MYERS SQUIBB COMPANY	2,834,552	CELORIO MARTINEZ, JOSE- LUIS	2,834,156
BISCHOFF, COREY MICHAEL	2,834,340	BRITISH COLUMBIA CANCER AGENCY BRANCH	2,834,629	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS -	2,834,209
BISCHOFF, COREY MICHAEL	2,834,348	BROCHON, CYRIL	2,834,117	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,834,117
BISCHOFF, COREY MICHAEL	2,834,415	BROCKUS, CATHERINE	2,834,552	CHALBI, AGNES	2,834,321
BITZEL, RAYMOND	2,834,401	BRODER, CHRISTOPHER C.	2,834,376	CHAN, PHILIP P.	2,834,407
BLACHMAN, STEVEN	2,834,370	BROOKS, DOUGLAS	2,834,200	CHANG, DAVID	2,834,437
BLACKBERRY LIMITED	2,834,270	BROWN, DUNCAN	2,834,610	CHANG, EMILY	2,834,212
BLACKBERRY LIMITED	2,834,504	BROWN, JEDIDIAH	2,834,236	CHAPELAND, JEAN-BAPTISTE	2,833,919
BLACKBERRY LIMITED	2,834,627	BROWN, ROWAN	2,834,202	CHAUDHARY, GAUTAM	2,834,499
BLOK, JESPER	2,834,119	BROWN, WARD THOMAS	2,834,607	CHAUVIN, STEPHANE	2,833,919
BLOK, JESPER	2,834,120	BRUECHNER, PETER	2,834,337	CHEMREC AB	2,834,052
BLOK, JESPER	2,834,181	BRUHNKE, JOHN D.	2,834,594	CHEN, GUOMAI	2,834,441
BLY, ALLAN RICHARD, JR.	2,834,159	BURANT, JOHN	2,834,240	CHEN, HAIBIN	2,834,552
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2,833,922	BURHAN, YURI	2,834,357	CHEN, MAIHUA	2,834,441
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2,834,262	BURKUS, FRANK S.	2,834,579	CHERISOL, KENNETH	2,834,372
BOCK, MARK GARY	2,834,224	BURLI, ROLAND WERNER	2,834,049	CHEWNING, GARY R.	2,834,323
BOEGER, BRIAN	2,834,305	BURNS, CHRISTOPHER JOHN	2,834,414	CHILDERS, KALEEN KONRAD	2,834,062
BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2,834,318	BURRINGTON, JAMES D.	2,834,569	CHILDERS, KALEEN KONRAD	2,834,604
BOGHANI, NAVROZ	2,834,512	BUSCH, JAMES WILLIAM	2,834,076	CHINA AGRICULTURAL UNIVERSITY	2,834,581
BOISMENU, RICHARD	2,834,203	BUSCH-MADSEN, MICHAEL	2,834,591		
BOIVIN, GUY	2,834,621	BUSCH-MADSEN, PATRICK	2,834,591		
BOLAND, SANDRO	2,834,387	BUTAMAX (TM) ADVANCED BIOFUELS LLC	2,834,242		
BOLOTINA, NATALIA	2,833,937	BUTKE, BETSY J.	2,834,078		
BOMALASKI, JOHN	2,834,083	BYRNE, LEAH C.T.	2,833,870		
BONAVIDES, CLOVIS S.	2,834,244	BYROM, STEVE	2,834,458		
		BZODEK, GAETAN	2,833,919		



## Index des demandes PCT entrant en phase nationale

CHINA ALUMINUM INTERNATIONAL ENGINEERING CORPORATION LIMITED	2,834,290	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC)	2,834,183	DEBRAAL, JOHN CHARLES	2,834,081
CHINA ALUMINUM INTERNATIONAL ENGINEERING CORPORATION LIMITED	2,834,292	COON, ROBERT JOE	2,834,210	DECILLIS, ARTHUR	2,834,282
CHINTALA, RAMESH V.	2,834,618	COORS BREWING COMPANY	2,834,330	DEFERT, OLIVIER	2,834,387
CHITTY, VENKATA SRIKANTH	2,834,237	CORBUCCI, SERGE	2,833,919	DELBRIDGE, EWAN E.	2,834,569
CHO, MINKWON	2,834,243	CORKEY, BRITTON KENNETH	2,834,164	DERAIN, NATHALIE	2,830,459
CHOI, YOUNGHEE	2,834,249	CORNELISSEN - KEIJSERS, VIVIAN	2,834,449	DERAIN, NATHALIE	2,830,464
CHONO, KEIICHI	2,834,193	CORNING CABLE SYSTEMS LLC	2,834,583	DERUS, PATRICIA M.	2,834,273
CHONO, KEIICHI	2,834,409	CORTES SANTAOLALLA, FRANCISCO JAVIER	2,830,840	DESAI, NEIL P.	2,834,040
CHOPRA, SUMAN	2,834,221	COSTENARO, DANIEL PAUL	2,834,236	DETTLOFF, MARVIN L.	2,834,174
CHOW, ERIC Y.	2,834,386	COX, PETER GERARDUS FRANCISCUS	2,834,438	DEVGON, PITAMBER	2,834,347
CHRISTENSON, JUSTIN	2,834,323	CRAIG, HAROLD W.	2,834,258	DEVICOR MEDICAL PRODUCTS, INC.	2,834,258
CHUN, JONG YOON	2,834,030	CRANE MERCHANDISING SYSTEMS, INC.	2,834,354	DEVUN, FLAVIEN	2,834,194
CHUN, JUNG-HOON	2,834,212	CRANE MERCHANDISING SYSTEMS, INC.	2,834,370	DEY, SANJEEV K.	2,834,594
CHUNG, TERRY TAE-IL	2,833,928	CRAWLEY, SETH L.	2,834,078	DHAMANKAR, HIMANSHU HEMANT	2,834,212
CIABRINI, DAMIEN	2,834,107	CREIGHTON, JASON	2,834,314	DI FRANCESCO, MARIA EMILIA	2,834,062
CIMPAX APS	2,834,591	CRNKOVICH, MARTIN JOSEPH	2,834,091	DI FRANCESCO, MARIA EMILIA	2,834,604
CITTA, MYLES	2,834,372	CROOKE, ROSANNE M.	2,834,232	DIATLO, JORDAN	2,834,363
CITTA, NELSON	2,834,372	CROW, STEPHEN L.	2,834,059	DICOSIMO, ROBERT	2,834,242
CLARK, ANTHONY JAMES	2,833,926	CROW, STEPHEN L.	2,834,071	DINDI, HASAN	2,834,302
CLARK, MILES	2,834,372	CROWE, DOUGLAS NORMAN	2,834,587	DINDI, HASAN	2,834,305
CLARKE, MATT	2,834,295	CROWN IRON WORKS COMPANY	2,834,195	DIONISIO, GIUSEPPE	2,834,060
CLASSON, BRIAN	2,834,556	CRULL, JEFFREY L.	2,834,103	DITTRICH, CARSTEN	2,834,151
CLAY, PAUL	2,834,338	CULVER, DUNCAN	2,834,185	DNA THERAPEUTICS	2,834,194
CLAY, PAUL	2,834,345	CYBERONICS, INC.	2,834,332	DNAVEC CORPORATION	2,834,215
CLAYPOOL, JODY L.	2,824,527	CYBERONICS, INC.	2,834,386	DOBIE, KENNETH W.	2,834,232
CLEVENGER, RANDELL	2,834,216	D'AMICO, DERIN C.	2,834,166	DOBSON, PAUL F.	2,834,585
CLEVENGER, RANDELL	2,834,222	DAIICHI SANKYO COMPANY, LIMITED	2,834,136	DODD, KATHRYN M.	2,834,258
CLIFF, RICHARD	2,834,056	DALEY, EMILY	2,834,377	DOHLA, STEFAN	2,830,631
CLOUTET, ERIC	2,834,117	DALKARA MOUROT, DENIZ	2,833,870	DOHLA, STEFAN	2,830,633
COATEX	2,834,310	DALMAZZO, ENZO	2,834,547	DOLBY INTERNATIONAL AB	2,830,631
COBB, MICHAEL W.	2,834,598	DANGOOR, INBAL NURITH	2,834,027	DOLBY INTERNATIONAL AB	2,830,633
COBB, MICHAEL W.	2,834,600	DANIEL, THOMAS O.	2,834,535	DOLD, ROBERT	2,834,595
COE, RICHARD GEORGE	2,834,076	DANISCO US INC.	2,834,061	DONG, RONG	2,834,216
COLANGELO, SCOTT E.	2,834,287	DANISCO US INC.	2,834,379	DONG, RONG	2,834,222
COLGATE-PALMOLIVE COMPANY	2,833,911	DANISCO US INC.	2,834,393	DONITZKY, CHRISTOF	2,834,118
COLGATE-PALMOLIVE COMPANY	2,834,129	DASBACH, UWE	2,833,966	DOOM, TROY	2,834,354
COLGATE-PALMOLIVE COMPANY	2,834,132	DASBACH, UWE	2,833,994	DOOM, TROY	2,834,370
COLGATE-PALMOLIVE COMPANY	2,834,221	DAVENPORT, GARY MITCHELL	2,834,238	DOW AGROSCIENCES LLC	2,834,266
COLGATE-PALMOLIVE COMPANY	2,834,437	DE BONT, FRANS	2,830,631	DOW AGROSCIENCES LLC	2,834,333
COLGATE-PALMOLIVE COMPANY	2,834,470	DE BONT, FRANS	2,830,633	DOW GLOBAL TECHNOLOGIES LLC	2,834,174
COLOMBO, DANIELE	2,834,079	DE BONT, JOHANNES ADRIANUS MARIA	2,834,053	DOW GLOBAL TECHNOLOGIES LLC	2,834,607
COLWELL, JOSEPH	2,834,234	DE CAMARGO, CAIUS ARAUJO MARTINS	2,834,219	DOWELL, ERIK W.	2,834,070
COLWELL, JOSEPH	2,834,235	DE CONINCK, AN	2,834,510	DOWELL, ERIK W.	2,834,093
COLWELL, JOSEPH	2,834,240	DE JUAN, EUGENE JR.	2,834,295	DRAPPA, JORN	2,834,203
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	2,833,934	DE LA RUE INTERNATIONAL LIMITED	2,833,951	DROUHAULT, DELPHINE	2,833,934
CONCERT PHARMACEUTICALS INC.	2,834,574	DE MUNCK, WIM CYRIEL MARIA	2,834,206	DSM IP ASSETS B.V.	2,834,053
		DE WINNE, TOM HUGO JAN LUC	2,834,206	DU, YI	2,834,212
				DUARTE, NUNO	2,833,939
				DUCARRE, JACQUES	2,834,198
				DUEFEL, HARTMUT	2,834,456
				DUNCAN, JAMES	2,834,346
				DUPONT NUTRITION BIOSCIENCES APS	2,834,308
				DUPONT NUTRITION BIOSCIENCES APS	2,834,311
				DUTREIX, MARIE	2,834,194
				DUVAL, SEBASTIEN A.	2,834,572
				DYER, CHRISTOPHER K.	2,834,185

## Index of PCT Applications Entering the National Phase

E'S INC.	2,834,412	ETHICON ENDO-SURGERY, INC.	2,834,421	FRASER, CHRISTOPHER	2,834,519
E-MAK MAKINA INSAAT TICARET VE SANAYI	2,833,941	ETHICON ENDO-SURGERY, INC.	2,834,423	FRASER, CHRISTOPHER	2,834,527
E. I. DU PONT DE NEMOURS AND COMPANY	2,834,302	ETHICON ENDO-SURGERY, INC.	2,834,424	FRASER, CHRISTOPHER	2,834,532
E. I. DU PONT DE NEMOURS AND COMPANY	2,834,305	ETHICON ENDO-SURGERY, INC.	2,834,425	FRASER, CHRISTOPHER	2,834,533
E. I. DU PONT DE NEMOURS AND COMPANY	2,834,598	ETHICON ENDO-SURGERY, INC.	2,834,477	FRASER, CHRISTOPHER	2,834,534
E. I. DU PONT DE NEMOURS AND COMPANY	2,834,600	ETHICON ENDO-SURGERY, INC.	2,834,557	FRASER, CHRISTOPHER	2,834,599
E. I. DU PONT DE NEMOURS AND COMPANY	2,834,603	EVANS, JAMES M.B.	2,834,212	FRAUCHIGER, DANIEL	2,834,281
EATON CORPORATION	2,834,196	EVANS, MICHAEL E.	2,834,287	FRAUENSCHUH, ACHIM	2,834,300
EBNER INDUSTRIEOFENBAU GMBH	2,834,558	EVANS, PAUL D., JR.	2,834,408	FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,830,631
EBNER, JOSEF FRITZ	2,834,558	EVANS, WAYNE ERROL	2,834,299	FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,830,633
EBNER, ROBERT	2,834,558	EVOGENE LTD.	2,834,027	FREDERICKS, THOMAS J.	2,834,427
EBRAHIMI TAZEH MAHALLEH, MASOUD	2,834,270	EXELIXIS, INC.	2,834,282	FRENCH, JUSTIN ANDREW	2,833,926
EBRAHIMI TAZEH MAHALLEH, MASOUD	2,834,504	EXONENTIAL TECHNOLOGIES, INC.	2,834,285	FRESENIUS MEDICAL CARE HOLDINGS, INC.	2,834,091
ECHOSTAR TECHNOLOGIES L.L.C.	2,834,159	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,834,263	FREUNDL, THOMAS JAMES	2,833,906
ECKERTSBERGER, GERALD	2,834,558	F. HOFFMANN-LA ROCHE AG	2,834,456	FRIEDERICHS, WOLFGANG	2,834,321
ECOVATIVE DESIGN LLC	2,834,095	FANG, JIANMIN	2,834,584	FRIEDERICHS, WOLFGANG	2,834,325
EDDY, JAMES R.	2,834,037	FANG, ZI-PING	2,834,180	FRITSCH, CHRISTINE	2,833,962
EDIZONE, LLC	2,834,087	FANUELE, GREGORY J.	2,834,419	FU, YONG	2,834,292
EGER, NICOLA	2,834,334	FARES, HANI M.	2,834,035	FU, YONGCAI	2,834,581
EGIDIO RODRIGUES, ALIRIO	2,834,188	FARMER, MARK	2,834,308	FUJII, GARY	2,834,349
EKSIGENT TECHNOLOGIES, LLC	2,834,555	FARMER, MARK	2,834,311	FUJITSU LIMITED	2,834,104
ELECTRICITE DE FRANCE	2,834,209	FARSHCHIAN, SOHEIL	2,834,285	FUKUCHI, KEISUKE	2,834,136
ELKON, KEITH	2,834,626	FAY, NIGEL	2,834,170	FUKUDA, MAKI	2,834,426
ELLIS, JOHN MICHAEL	2,834,062	FBM LICENCE LIMITED	2,834,405	FULENCHEK, JONAN M.	2,834,357
ELLIS, JOHN MICHAEL	2,834,604	FERNANDEZ GRACIA, HECTOR	2,830,840	FULLER, RON	2,834,385
ELLSON, RICHARD N.	2,834,398	FEUERSTEIN, GIORA	2,834,056	FURUSJO, ERIK	2,834,052
ELOFF, CORNELIA CAROLINA	2,833,964	FEVRIER, THIERRY	2,834,204	FUTRELL, JOHN	2,834,388
ELOFF, CORNELIA CAROLINA	2,834,015	FIELDING, WILLIAM R.	2,834,241	G TECH LICENSING, LLC	2,834,219
ELZEIN, ELFATIH	2,834,164	FISCHER, ANDREAS	2,834,327	G4 SYNERGETICS, INC.	2,834,372
EMERSON ELECTRIC CO.	2,834,427	FISCHER, CHRISTIAN	2,834,604	GAAL, PETER	2,834,561
EMERSON ELECTRIC CO.	2,834,428	FISHER CONTROLS INTERNATIONAL LLC	2,833,924	GADO, AMR E.	2,834,427
EMERSON, JOHN LEE	2,834,210	FISHER CONTROLS INTERNATIONAL LLC	2,834,601	GAIDELIS, VALENTAS	2,834,460
EMERSON, MARK	2,834,235	FISHER, NICHOLAS K.	2,831,264	GALANTE, VINCENT	2,834,598
EMMANUEL, EYAL	2,834,027	FLANNERY, JOHN G.	2,833,870	GALAPAGOS NV	2,833,942
EMMELMANN, CLAUD	2,833,925	FLEMING, EIMEAR	2,834,170	GALAPAGOS NV	2,833,963
ENDO, MAYUKI	2,834,243	FLICKINGER, ELIZABETH ANNE	2,834,238	GALLESTEY ALVAREZ, EDUARDO	2,833,815
ENDO, MAYUMI	2,834,255	FLOAN, BENJAMIN W.	2,834,195	GAMBRO LUNDIA AB	2,834,399
ENDOTRONIX, INC.	2,834,350	FLODESIGN WIND TURBINE CORP.	2,834,595	GANDHI, ANITA	2,834,355
ENGELLEN, DIANA	2,834,321	FOCHT, KENNETH ALLEN	2,834,171	GANDHI, ANITA	2,834,535
EPSTEIN, MICHAEL L.	2,834,185	FORREST, BRAD ALEXANDER	2,834,308	GANDIKOTA, VARADARAJU	2,834,026
ERNST, WILLIAM A.	2,834,349	FORTMANN, CHARLES M.	2,834,149	GAO, SHIWEI	2,834,270
ESMIEU, WILLIAM RAMESHCHANDRA KRISHNA	2,834,049	FORWARD, KEITH M.	2,834,212	GAO, SHIWEI	2,834,504
ESSELTE CORPORATION	2,834,585	FOURNIER, JOEL	2,834,151	GAO, SHIWEI	2,834,627
ETHICON ENDO-SURGERY INC.	2,834,481	FOURNIER, JOEL	2,834,356	GARCIA, MARIA CRISTINA	2,834,151
ETHICON ENDO-SURGERY, INC.	2,834,403	FOURNIER, PAUL W.	2,833,900	GARCIA-ECHEVERRIA, CARLOS	2,833,962
ETHICON ENDO-SURGERY, INC.	2,834,419	FOUT, GARY E.	2,834,568	GASPLAS AS	2,833,965
		FRANCIS, RYAN	2,834,553	GATEAU, RODNEY	2,831,264
		FRANZKE, AXEL	2,834,110	GAUKESBRINK, ULRICH	2,834,380
		FRASER, CHRISTOPHER	2,834,514	GAUL, CHRISTOPH	2,834,224
				GAUTHIER, LAURY	2,834,356
				GAVIN, PATRICK M.	2,834,287
				GEBRESELASSIE, PETROS	2,834,512
				GEERDINK, PETER	2,834,205

## Index des demandes PCT entrant en phase nationale

GENCER, MEHMET NEZIR	2,833,941	GRAUPE, MICHAEL	2,834,164	HARNISCHFEGER	
GENENTECH, INC.	2,834,203	GREEN, DANNY	2,834,511	TECHNOLOGIES, INC.	2,834,234
GENERAL ELECTRIC		GREEN, TIMOTHY CHARLES	2,834,054	HARNISCHFEGER	
COMPANY	2,834,314	GREENBERG, DANIEL	2,834,025	TECHNOLOGIES, INC.	2,834,235
GENERAL EQUIPMENT AND		GREGORY, KATHERINE		HARNISCHFEGER	
MANUFACTURING		LAUREN	2,834,246	TECHNOLOGIES, INC.	2,834,240
COMPANY, INC., D/B/A		GREGORY, MICHAEL	2,834,389	HARRAN, SUSAN	2,833,956
TOPWORX, INC.	2,834,048	GRIESER-SCHMITZ,		HARRISON, ROBERT MARK	2,834,270
GENETIC MICRODEVICES		CHRISTOF	2,834,380	HARRISON, ROBERT MARK	2,834,504
LIMITED	2,833,954	GRIFFITH, STEVEN L.	2,834,377	HARTE, WILLIAM EDWARD	2,834,049
GENOMIX CO., LTD.	2,834,255	GRIFFITHS, PHILIP MORGAN	2,833,939	HARTMANN, PHILIP	2,834,109
GEO ESTRATOS, S.A. DE C.V.	2,833,898	GRIGOLEIT, MICHAEL	2,834,394	HARTSHORNE, ROBERT SETH	2,834,549
GEORGE, EAPEN	2,833,926	GRIMM, JONATHAN	2,834,604	HARTSHORNE, ROBERT SETH	2,834,550
GEORGE, JOYEE	2,834,402	GRISSET, AARON P.	2,834,619	HASEGAWA, MAMORU	2,834,215
GER ENTERPRISES, LLC	2,834,051	GROENSMA, YPE	2,834,169	HASENOEHL, ERIK JOHN	2,834,217
GERG, MICHAEL	2,834,456	GROVER, JULIE ANNE	2,833,926	HASENOEHL, ERIK JOHN	2,834,340
GERLACH, CHRISTIAN		GRUENBACHER, DANA PAUL	2,834,217	HASENOEHL, ERIK JOHN	2,834,348
GERHARD FRIEDRICH	2,834,510	GUAY, KEVIN	2,834,359	HASENOEHL, ERIK JOHN	2,834,415
GERSHANOVICH,		GUERRERO, JUAN	2,834,164	HASHIMOTO, MITSUO	2,834,229
ALEXANDER	2,834,551	GUETTA, AVISHAY	2,834,296	HASHIMOTO, MITSUO	2,834,233
GESSLER, TOBIAS	2,834,063	GUIDRY, CHRISTOPHER W.	2,834,059	HASHIMOTO, MITSUO	2,834,252
GESTIN, JEROME	2,834,204	GUIDRY, CHRISTOPHER W.	2,834,071	HASTREITER, JAMES JOSEPH	2,834,196
GIBSON, GLENN EARL	2,834,331	GUMMADI, VENKATESHWAR		HATAZAWA, MAMORU	2,834,337
GILBERT, MICHAEL	2,833,910	RAO	2,834,224	HATTON, TREVOR ALAN	2,834,212
GILEAD SCIENCES, INC.	2,834,164	GUO, JUN	2,834,554	HAYASHI, KYOHEI	2,834,429
GILMAN, ANDREA		GUO, SHIGUANG	2,834,270	HAYASHI, NOBUTAKE	2,834,029
CHRISTINE	2,834,156	GUO, SHIGUANG	2,834,504	HAYDEN-LEDBETTER,	
GIRARD, PATRICK JOSEPH		GUO, SHIGUANG	2,834,627	MARTHA	2,834,626
MARIE	2,834,213	GUPTA, ALEXIS	2,834,334	HEART FORCE MEDICAL INC.	2,834,102
GIRODET, ALAIN	2,834,411	HACKFORT, THOMAS	2,834,161	HEASLEY, BRIAN H.	2,834,199
GIROUX, RICHARD L.	2,834,026	HADZIIOANNOU, GEORGES	2,834,117	HEATH, NICHOLAS	2,834,576
GLOVER, BRYAN K.	2,834,320	HAFEZI, FARHAD	2,834,111	HEBERT, JOHN EMILE	2,834,230
GODEK, CHRISTOPHER P.	2,834,407	HAGGARTY, STEPHEN	2,834,548	HEBRARD, LAURENT	2,834,410
GODINHO DE FARIA DOS		HAILDLE, ANDREW M.	2,834,062	HEGEDUS, IMRE	2,834,499
SANTOS, JOAO CARLOS	2,834,188	HAILDLE, ANDREW M.	2,834,604	HEIDEN, RENE	2,834,394
GOETSCH, LILIANE	2,834,566	HAILEY, TRAVIS THOMAS	2,834,294	HEISKANEN, ISTO	2,834,460
GOJO INDUSTRIES, INC.	2,834,260	HAKANSSON, KATARINA	2,834,303	HEMMER, BERNHARD	2,834,455
GOLDIN, DANIEL S.	2,831,264	HAKANSSON, KATARINA	2,834,306	HENCKEN, KENNETH R.	2,834,555
GOLDSTEIN, PETER	2,834,499	HAKANSSON, KATARINA	2,834,322	HENDERSON, KEVIN J.	2,834,607
GOLE, REMY	2,834,107	HAKANSSON, NICLAS	2,834,228	HENDERSON, RANDAL LEE	2,834,617
GOMEZ ESPANA		HALL, NELSON	2,834,554	HENDRICKSON USA, L.L.C.	2,834,406
COLLIGNON, CARLO	2,834,239	HALL, RICHARD	2,834,629	HENDRIK, MARCELLE H.	2,834,059
GONZALEZ DAVILA,		HALLIBURTON ENERGY		HENDRIK, MARCELLE H.	2,834,071
VICENTE	2,833,898	SERVICES, INC.	2,833,944	HENKEL AG & CO. KGAA	2,834,170
GONZALEZ, JAIME A.	2,834,279	HALLIBURTON ENERGY		HENKEL IRELAND LTD.	2,834,170
GONZALEZ, MARIO		SERVICES, INC.	2,834,244	HENRY M. JACKSON	
ALBERTO	2,834,318	HALLIBURTON ENERGY		FOUNDATION FOR THE	
GOODING, KONRAD	2,834,458	SERVICES, INC.	2,834,294	ADVANCEMENT OF	
GOOGLE INC.	2,834,339	HALTER, CHRISTOPHE	2,834,074	MILITARY MEDICINE	2,834,288
GORDON, BIANCA	2,834,189	HAMABUCHI, NATSUMI	2,834,255	HERBERICH, BRADLEY J.	2,834,166
GORDON, JASON A.	2,834,323	HAMADA, YUUTA	2,834,145	HERNANDEZ LEAL, TANIA	
GORDON, JOSHUA	2,834,372	HAMELIN, MARIE-EVE	2,834,621	ISADORA	2,834,250
GORMAN, EDWARD	2,831,807	HAMMOND, PAULA T.	2,834,297	HERRMANN, FRANK	2,834,318
GOTHEIL-YELLE, SCOTT	2,834,050	HAN, XIAOBING	2,834,402	HERSLOF, BENG T.	2,834,301
GOTTSZKY, JORG	2,834,161	HAN, ZHENGCHUN	2,833,797	HERTZ, THOMAS	2,834,399
GOUGH, GEORGE TERAH	2,834,122	HANSEN, JARLE	2,834,447	HEWEZI, TAREK ABDEL	
GOUTOPOULOS, ANDREAS	2,834,199	HANSEN, JARLE	2,834,453	FATTAH	2,834,207
GRAAB, DONALD DEITRICH	2,834,197	HANSEN, LARS V.	2,830,867	HEXAGON TECHNOLOGY	
GRAHAM PACKAGING		HANSON, ARLIS	2,834,051	CENTER GMBH	2,834,189
COMPANY, L.P.	2,834,261	HANSON, GUNNAR J.	2,834,128	HEXAGON TECHNOLOGY	
GRAHAM, MARK J.	2,834,232	HARCOS CHEMICALS, INC.	2,833,922	CENTER GMBH	2,834,192
GRAIN PROCESSING		HARMER, MARK ANDREW	2,834,598	HEXCEL REINFORCEMENTS	2,834,198
CORPORATION	2,834,246	HARMER, MARK ANDREW	2,834,600	HIBERNATION HONEY	
GRANDEMENGE, ADRIEN	2,834,304	HARMER, MARK ANDREW	2,834,603	LIMITED	2,834,182

## Index of PCT Applications Entering the National Phase

HICKEY, TIMOTHY	2,834,595	HURLEY, JAMES M.	2,834,579	ISHIHARA SANGYO KAISHA,	
HILPERT, MATHIAS		HURLEY, WILLIAM C.	2,834,583	LTD.	2,834,024
JOHANNES	2,834,076	HUSKY INJECTION HOLDING		ISHIHARA SANGYO KAISHA,	
HILTON, ROBERT N.	2,831,264	SYSTEMS LTD.	2,834,278	LTD.	2,834,140
HINDERLING, JURG	2,834,189	HUSKY INJECTION MOLDING		ISHIKAWA, TADASHI	2,834,337
HIRD, JONATHAN	2,834,592	SYSTEMS LTD.	2,834,074	ISHIZAWA, ATSUSHI	2,834,024
HIROTANI, KENJI	2,834,136	HUTTEN, RONALDUS		ISIS PHARMACEUTICALS,	
HISAYUKU, YURIE	2,834,223	CORNELIS BERNARDUS	2,834,096	INC.	2,834,232
HITACHI, LTD.	2,834,361	HYDRORIPP LLC	2,834,050	ISNARDY, LUC	2,834,107
HO, SAI YIU DUNCAN	2,834,561	ICAHN SCHOOL OF		ISP INVESTMENTS INC.	2,834,035
HODGES, ALASTAIR JAMES	2,833,942	MEDICINE AT MOUNT		IVANCIC, DANIELLE N.	2,834,569
HODGES, ALASTAIR JAMES	2,833,963	SINAI	2,834,045	IVASHIN, DMITRIY V.	2,833,959
HOFFMAN, HERBERT L.	2,834,323	ICE, LUKE CHRISTOPHER	2,834,051	IVOSEVIC, MILAN	2,834,092
HOFFMAN, KATRIN	2,834,577	ICHIHARA, TERUYUKI	2,834,337	IZBICKA, ELZBIETA	2,834,383
HOFMAN, HENK	2,834,169	ICHIKAWA, AKIMASA	2,834,420	JACKSON, CLAIRE L.M.	2,834,166
HOFMANN, VERENA	2,833,966	IHI CORPORATION	2,834,021	JACKSON, RICHARD	2,833,954
HOFMANN, VERENA	2,833,994	IHI CORPORATION	2,834,463	JACOBS, STEVEN A.	2,834,624
HOLAKOVSKY, HOLGER	2,834,318	IJIMA TAKESHI	2,834,211	JACOMINO, JEAN-MARIE	2,834,304
HOLLAND, CHRISTOPHER	2,834,366	ILES, ALEX	2,833,954	JAHN, JUDITH	2,834,205
HOLM, PRÉBEN BACH	2,834,060	ILG, THOMAS SIMON	2,834,438	JAHNS, GRAEME	2,834,102
HOLMBACK, JAN	2,834,301	ILG, THOMAS SIMON	2,834,440	JANG, BEN	2,834,289
HOLMER, MATTIAS	2,834,399	ILG, THOMAS SIMON	2,834,442	JANG, KYOUNG AE	2,834,065
HOLMES, BRIAN WILLIAM	2,833,951	ILLINOIS TOOL WORKS INC.	2,834,553	JANSSEN BIOTECH, INC.	2,834,624
HOLSON, EDWARD	2,834,548	ILYES, LASZLO	2,834,314	JARSKI, JUSTIN M.	2,834,172
HONDA MOTOR CO., LTD	2,834,211	IMAI, KATSUYA	2,834,431	JBT STEEL INDUSTRIES INC.	2,834,019
HONMA, MASATOSHI	2,834,024	IMAMURA, DAICHI	2,834,436	JEON, BYEONGMOON	2,834,249
HONMA, MASATOSHI	2,834,140	IMPERIAL INNOVATIONS		JEON, YONGJOON	2,834,249
HONMYO, TORAYUKI	2,834,223	LIMITED	2,834,329	JEONG, SOON MOON	2,834,426
HOPITAUX UNIVERSITAIRES		IMPLANT SCIENCES		JEPPSSON, HELENA	2,834,399
DE GENEVE	2,834,111	CORPORATION	2,833,959	JERVIS, MICHAEL ANTHONY	2,834,079
HOPKINS, RICHARD	2,834,577	INAGUMA, TOORU	2,834,392	JEUTTER, SCOTT S.	2,834,273
HORDUM, TOMAS KIRE	2,834,119	INGELS, RUNE	2,834,220	JI, AETTIE	2,834,046
HORDUM, TOMAS KIRE	2,834,120	INGLIS, PETER DOUGLAS		JIA, YONGKANG	2,834,270
HORDUM, TOMAS KIRE	2,834,181	COLIN	2,834,319	JIA, YONGKANG	2,834,504
HORTNAGL, ANDREAS	2,834,580	INGRAM, DONALD KEITH	2,834,238	JIANG, ROBERT H.	2,834,164
HORWITZ, ANDREW	2,834,375	INQ ENTERPRISES LIMITED	2,834,334	JOHNSON, BENJAMIN A.	2,834,070
HOSAHALLI, SUBRAMANYA		INSTITUT CURIE	2,834,194	JOHNSON, BENJAMIN A.	2,834,093
SEETHARAMA SHASTRY	2,834,237	INSTITUT NATIONAL DE LA		JOHNSON, JAMES	2,834,391
HOSHINO, MASAYUKI	2,834,436	RECHERCHE		JOHNSON, TIMOTHY L.	2,834,366
HOUGHTON, JOHN ANSDELL	2,834,369	AGRONOMIQUE	2,834,621	JOHNSTONE, DARRELL	2,834,402
HOULTON, GEOFFREY	2,834,102	INSTITUT POLYTECHNIQUE		JOHNSTONE, KEN	2,834,334
HOVANG, DAN	2,834,298	DE BORDEAUX	2,834,117	JOLY, ERIK	2,834,108
HREN, WILLIAM	2,834,234	INSTITUTO DE ECOLOGIA,		JONEN, INGO	2,834,316
HREN, WILLIAM	2,834,235	A.C.	2,834,250	JONES, BRYANT AUSTIN	2,834,366
HSU, KARL	2,834,566	INTERCONTINENTAL GREAT		JONES, JOHNATHAN	2,834,401
HU, HONGWU	2,834,290	BRANDS LLC	2,834,512	JONES, STEVEN M.	2,834,369
HUANG, HAICHUN	2,834,552	INTERVET INTERNATIONAL		JONSSON, LENNART	2,834,399
HUANG, XIZHONG	2,833,962	B.V.	2,834,176	JOSE, LUIS	2,833,533
HUANG, YUAN	2,833,797	INTERVET INTERNATIONAL		JOSHI, HIMANSHU	2,834,332
HUAWEI TECHNOLOGIES		B.V.	2,834,438	JOSHI, HIMANSHU	2,834,386
CO., LTD.	2,831,337	INTERVET INTERNATIONAL		JOYANT	
HUAWEI TECHNOLOGIES		B.V.	2,834,440	PHARMACEUTICALS,	
CO., LTD.	2,834,556	INTERVET INTERNATIONAL		INC.	2,833,956
HUDSON, EDWARD H.	2,834,583	B.V.	2,834,442	JOYCE, KEVIN	2,834,334
HUEIL, GEOFFREY C.	2,834,419	INTERVET INTERNATIONAL		JX NIPPON OIL & ENERGY	
HUELMAN, JUSTIN H.	2,834,269	B.V.	2,834,449	CORPORATION	2,834,426
HUGOT, JULIETTE	2,834,204	IOWA STATE UNIVERSITY		KAIBLINGER, HARALD	2,834,596
HUIZINGA, ARJEN	2,834,205	RESEARCH		KAJI, NAOTO	2,834,422
HUNT, JOHN V.	2,834,419	FOUNDATION, INC.	2,834,207	KALLA, RAO V.	2,834,164
HUNTER, TIMOTHY H.	2,833,944	IRVIN, CYNTHIA A.	2,834,284	KALYANARAMAN,	
HUNTSMAN CORPORATION		IRWIN, JAMES P.	2,834,070	VANIAMBADI	2,834,288
AUSTRALIA PTY		IRWIN, JAMES P.	2,834,093	KANAI, YOICHI	2,834,145
LIMITED	2,834,202	ISAACSON, PHILIP O.	2,834,366	KANEZAKI, TSUTOMU	2,834,255
HUO, SHOUDONG	2,834,384	ISHIDA, KOJI	2,834,243	KANO, YUICHIRO	2,834,028

## Index des demandes PCT entrant en phase nationale

KAPKA-KITZMAN, DEIRDRE M.	2,834,364	KOERBER, JAMES T.	2,833,870	LEMAITRE, ARNAUD	2,834,178
KAPUR, VIVEK	2,834,598	KOHJIN LIFE SCIENCES CO., LTD.	2,834,422	LESS, SIMONE	2,834,572
KAPUR, VIVEK	2,834,600	KOHNHORST, LOIS L.	2,834,258	LEVIN, ROLAND	2,834,091
KAPUR, VIVEK	2,834,603	KOLESNIK, MAX	2,834,279	LEVY, BRIAN	2,834,295
KARAVITIS, MICHAEL	2,834,499	KOLIOS, GRIGORIOS	2,833,915	LEWIS, ROBERT B.	2,834,555
KARCHI, HAGAI	2,834,027	KOLODZIEJCZYK, BOGDAN	2,834,560	LEYSEN, DIRK	2,834,387
KASZUBOWSKI, ROBERT A.	2,834,284	KOLTUN, DMITRY	2,834,164	LG ELECTRONICS INC.	2,834,046
KATO, AKIHIRO	2,834,471	KONINKLIJKE PHILIPS N.V.	2,830,631	LG ELECTRONICS INC.	2,834,249
KATO, YOSHINAGA	2,834,135	KONINKLIJKE PHILIPS N.V.	2,830,633	LI, DONG	2,834,584
KATTAR, SOLOMON D.	2,834,604	KORNGUT, DORON	2,834,296	LI, JACK	2,834,549
KATZ, JORDAN	2,834,216	KOSSOV, VALERIY SEMYENOVICH	2,834,057	LI, JACK	2,834,550
KATZ, JORDAN	2,834,222	KOTILAINEN, ARI	2,834,460	LI, JIEZHEN	2,834,199
KAWAI, EIJI	2,834,017	KOVERECH, ALEARDO	2,834,173	LI, MIAN	2,834,061
KAWAI, KAZUO	2,834,463	KOWA COMPANY, LTD.	2,834,028	LI, XIAOFEN	2,834,164
KAWASAKI, MASAKO	2,834,215	KOZONO, SATOKO	2,834,430	LIAUW, ANN Y	2,834,600
KAWASHIMA, HIROAKI	2,834,021	KRANZ, JANNIS	2,833,925	LIEDEMANN, STEPHAN	2,834,316
KEANE, BRIAN	2,834,629	KRETSCHMANN, DIANE SHAIB	2,834,156	LIFESTRAW SA	2,834,281
KEARNS, JUSTIN D.	2,834,323	KRIVANEC, HEINZ	2,834,151	LIFETIME PRODUCTS, INC.	2,834,511
KEELER, MICHAEL J.	2,834,406	KROGMANN, JORG	2,834,380	LIGHTENING ENERGY	2,834,185
KEHO, TIMOTHY	2,834,079	KRUCKEBERG, ARTHUR LEO	2,834,242	LILES, MARK	2,834,382
KEKARAINEN, TUIJA	2,834,449	KRUEGER, MICHAEL	2,834,168	LIM, EUN-SIL	2,834,462
KELLEHER, STEPHEN D.	2,834,241	KUIMELIS, ROBERT G.	2,834,398	LIM, JAEHYUN	2,834,249
KELLEY, CHRISTOPHER JOHN	2,834,313	KUMAR, RAJESH	2,834,551	LIN, JUHN-SHYUE	2,834,323
KELLY, FRANCIS X.	2,834,263	KUNTE, DHANANJAY	2,834,395	LINCOT, DANIEL	2,834,209
KENDZIORA, LARRY A.	2,834,026	KWOK, SUI YI	2,834,508	LINDHOUT, WILLEM HENDRIK	2,834,096
KENNEDY, DIANE M.	2,834,035	KYOTO UNIVERSITY	2,834,430	LINDNER, STEFAN	2,834,321
KENNEDY, WILLIAM D.	2,834,203	LABCYTE INC.	2,834,398	LINDNER, STEFAN	2,834,325
KERN, FRANK	2,834,316	LABORATOIRES URGO	2,830,459	LINSTROTH, MICHAEL	2,834,234
KHAMIS, CHAOUKI A.	2,834,269	LABORATOIRES URGO	2,830,464	LINSTROTH, MICHAEL	2,834,235
KHAMIS, CHAOUKI A.	2,834,273	LAFOUTAIN, ROBERT LYNN	2,834,048	LIPFORD, GRAYSON B.	2,834,514
KIEFFEL, YANNICK	2,834,411	LAGER, JOANNE	2,834,282	LIPIDOR AB	2,834,301
KIM, JINPIL	2,834,046	LAMB, BRIAN PAUL	2,834,305	LIRETTE, BRENT J.	2,834,227
KIM, JUNGSUN	2,834,249	LAMPROPOULOS, FRED	2,834,606	LIRETTE, BRENT J.	2,834,360
KIM, KWANSUK	2,834,046	LANCIAL, MICHAEL E.	2,834,377	LIU, FENGXIA	2,834,581
KIM, KYUNGHO	2,834,046	LANDALV, INGVAR	2,834,052	LIU, GEORGE Y.	2,834,353
KIM, SANGHYUN	2,834,046	LANDMANN, ALAN EDGAR	2,834,323	LIU, MING	2,834,290
KIM, WON	2,834,212	LANG, CHRISTINE	2,833,937	LIU, WEI	2,834,290
KIRBY, TYLER	2,834,371	LANGLOIS, DAVID	2,834,011	LIU, YAFENG	2,834,290
KISHIMOTO, TAKASHI KEI	2,834,519	LAPLANTE, FRANCOIS	2,833,903	LIU, YUAN	2,834,043
KISHIMOTO, TAKASHI KEI	2,834,527	LASSEN, STEEN G.	2,834,119	LOCK, CHRISTOPHER JAMES	2,834,049
KISHIMOTO, TAKASHI KEI	2,834,532	LASSEN, STEEN G.	2,834,120	LOGAN, GORDON MACMILLAN	2,834,568
KISHIMOTO, TAKASHI KEI	2,834,533	LASSEN, STEEN G.	2,834,181	LOGIUDICE, MICHAEL	2,834,227
KISHIMOTO, TAKASHI KEI	2,834,534	LATRASSE, LOUIS	2,834,304	LOGIUDICE, MICHAEL	2,834,360
KISHIMOTO, TAKASHI KEI	2,834,599	LAU, TIAN CHONG	2,834,263	LOPEZ LIMA, JOSE DANIEL	2,834,250
KISHIYAMA, YOSHIHISA	2,834,208	LAUFER, ERIC DAVID	2,834,149	LOPEZ, MARIANELA	2,834,402
KITADE, MAKOTO	2,834,101	LAWRENCE, BENJAMIN L.	2,834,271	LOPEZ-GIRONA, ANTONIA	2,834,535
KITAZUMI, KAZUSHIGE	2,834,412	LAWRENCE, THOMAS ANDREW	2,834,278	LORENZ, THOMAS B.	2,834,427
KLAUKIEN, FRANK-MICHAEL	2,833,925	LE, YI JUN	2,833,911	LOUDEN, CHRIS	2,834,383
KLEEFSTRA, MARTIJN	2,834,443	LEADER ENGINEERING-FABRICATION, INC.	2,834,037	LOUGHEED, WILLIAM D.	2,834,381
KLEIMAN, RAFAEL NATHAN	2,834,131	LEADER, CHARLES BURLEIGH	2,834,037	LOUTFY, RAOUF	2,834,328
KLEIN, CLARK D.	2,833,533	LEBLANC, DOUGLAS R.	2,834,278	LOWNDS, CHARLES MICHAEL	2,834,390
KLIMCZAK, RYAN R.	2,833,870	LEDBETTER, JEFFREY A.	2,834,626	LU, YANLING	2,834,104
KLINGELHOEFER, PAUL	2,834,110	LEE, DAVID K.	2,834,470	LUFTHANSA TECHNIK AG	2,834,394
KLOEPPER, JOSEPH	2,834,382	LEE, JOONHUI	2,834,046	LUHADIYA, ASHOK PREMCHAND	2,834,238
KNAPP, JOHN M.	2,834,358	LEE, RICHARD	2,834,232	LUNEAU, FLORENT PIERRE ANTOINE	2,834,213
KNEAFSEY, BRENDAN	2,834,170	LEE, SUNG HO	2,834,393	LUO, ALLISON Y.	2,834,552
KNOOP, FRANK	2,834,058	LEE, YOUNG JO	2,834,030	LUO, XINGZHI	2,834,289
KO, TONY H.	2,834,289	LEGRAND, GUILLAUME	2,834,107	LYERLY, DAVID M.	2,834,400
KOBAYASHI, TETSUYA	2,834,164			LYN, SANDRA	2,834,259
KOBE, JEFFREY MICHAEL	2,834,299				
KOCH, JOHN	2,834,568				
KOCSIS, JODY A.	2,834,072				

## Index of PCT Applications Entering the National Phase

LYNCH, BRIAN A.	2,834,261	MATHIEU, CYRILLE	2,834,178	MERLIN, MICHAEL MARC	
M-I L.L.C.	2,834,568	MATSUNOBU, TAKASHI	2,834,361	CLAUDE	2,834,054
MA, ENJIE	2,834,292	MATSUNOBU, TORU	2,834,123	MERRIFIELD, GREGORY	
MA, YONG	2,834,610	MATSUNOBU, TORU	2,834,125	CURTIS	2,834,048
MACAFEE, ANDREW		MATSUNOBU, TORU	2,834,190	MESCHER, PATRICK A.	2,834,258
DONALD	2,834,458	MATSUNOBU, TORU	2,834,191	METANOMICS HEALTH	
MACHACEK, MICHELLE R.	2,834,043	MATSUOKA, TATSUJI	2,834,136	GMBH	2,834,455
MACIUCA, ROMEO	2,834,203	MATUSZ, MAREK	2,834,299	METZ-STAVENHAGEN,	
MACKEN, KEN	2,834,560	MATYAS, GARY R.	2,834,288	PETER	2,834,167
MADIER DE		MAURER, TORSTEN	2,833,915	MEYERHOFER, ERIC	2,834,413
CHAMPVERMEIL, JEAN-		MCALPINE, WARREN W.	2,834,583	MICHALEK, JOEL	2,834,383
LUC	2,834,281	MCARTHUR, GREGORY R.	2,834,606	MICRO MOTION, INC.	2,834,369
MADIRAJU, MURTHY	2,834,108	MCBRAYER, BRETT	2,834,513	MICROSOFT CORPORATION	2,834,236
MADSEN, CLAUS KROGH	2,834,060	MCBRIDE, HEYOUNG	2,834,559	MII, JENN-WEI	2,834,214
MAGARA, KOICHIRO	2,834,229	MCBRIDE, JACQUELINE	2,834,203	MIIDA, TETSUYA	2,834,145
MAGARA, KOICHIRO	2,834,233	MCCARTY, MICHAEL WILDIE	2,834,601	MIKI, NOBUHIKO	2,834,208
MAGARA, KOICHIRO	2,834,252	MCCUTCHAN, FRANCINE	2,834,288	MILLER, JEFFREY L.	2,834,546
MAGNA INTERNATIONAL		MCGRATH, MATTHEW JOHN		MILLER, MICHAEL C.	2,834,379
INC.	2,833,906	ROSS	2,834,319	MILLER, THOMAS ALLEN	2,834,043
MAHONEY, WILLIAM PAUL,		MCGUIRE, KENNETH		MILLIKEN & COMPANY	2,834,594
III	2,834,217	STEPHEN	2,834,217	MINTEER, DAVID W.	2,834,070
MAI, TUAN QUOC	2,834,555	MCGUIRE, KENNETH		MIRACLE, GREGORY S.	2,834,594
MAIRA, SAUVEUR-MICHEL	2,833,962	STEPHEN	2,834,340	MITCHINSON, COLIN	2,834,061
MAJUMDER, DEBARSHI	2,834,320	MCGUIRE, KENNETH		MITSUBOSHI BELTING LTD.	2,834,431
MAKABE, MUNEYOSHI	2,834,465	STEPHEN	2,834,348	MIZUHARA, YOUJI	2,834,392
MALAGU, KARINE FABIENNE	2,834,049	MCGUIRE, KENNETH		MLADENOVICH, PETER	2,834,381
MALDONADO, ROBERTO A.	2,834,514	STEPHEN	2,834,415	MOCHIDA	
MALDONADO, ROBERTO A.	2,834,519	MCINNES, MIKE	2,834,182	PHARMACEUTICAL CO.,	
MALDONADO, ROBERTO A.	2,834,527	MCINTYRE, GAVIN	2,834,095	LTD.	2,834,417
MALDONADO, ROBERTO A.	2,834,532	MCMASTER UNIVERSITY	2,834,131	MOCHIDA	
MALDONADO, ROBERTO A.	2,834,533	MCMILLAN, DAVID GLENN	2,831,807	PHARMACEUTICAL CO.,	
MALDONADO, ROBERTO A.	2,834,534	MCWILLIAMS, GARY	2,831,807	LTD.	2,834,465
MALDONADO, ROBERTO A.	2,834,599	MEISELS, JOSHUA ADAM	2,834,236	MOERS, STEPHAN	2,834,325
MALDONADO, ROBERTO A.	2,834,619	MELLIS, JEFFERY JAY	2,833,906	MOHMEYER, NILS	2,834,380
MANN, DAVID	2,834,458	MENDOZA, GUSTAVO	2,834,210	MOIRAGHI, GUIDO	2,833,980
MANNATECH,		MENDY, DEREK	2,834,535	MOIRAGHI, LUCA	2,833,980
INCORPORATED	2,834,042	MENET, CHRISTEL JEANNE		MOIRAGHI, PAOLO	2,833,980
MANZELLA, MICHAEL J.	2,834,037	MARIE	2,833,942	MOLECULAR EXPRESS, INC.	2,834,349
MARATHON OIL CANADA		MENET, CHRISTEL JEANNE		MOLECULAR PARTNERS AG	2,834,624
CORPORATION	2,833,952	MARIE	2,833,963	MONAGHAN, KATHERINE	
MAROVICH, MARY	2,834,288	MENTE, DONALD C.	2,834,551	ANNE	2,834,414
MARSDEN, DOUGLAS A.	2,834,340	MERCATOR MEDSYSTEMS,		MONNAIE ROYALE	
MARSDEN, DOUGLAS A.	2,834,348	INC.	2,834,040	CANADIENNE/ROYAL	
MARTIN, STEVEN C.	2,834,279	MERCER, TROY RICHARD	2,834,278	CANADIAN MINT	2,834,416
MARTINEZ, RUBEN	2,834,164	MERCK PATENT GMBH	2,834,199	MOODY, KEITH	2,834,202
MARTINEZ-GUINO, LAURA	2,834,449	MERCK SHARP & DOHME		MOON, KYOUNGSOO	2,834,046
MARTOS, JOSE L.	2,833,961	CORP.	2,834,043	MOORE, GABE	2,834,408
MASCIÀ, SALVATORE	2,834,212	MERCK SHARP & DOHME		MOORE, KYLE P.	2,834,258
MASSACHUSETTS INSTITUTE		CORP.	2,834,062	MORBITZER, EDUARD	2,834,558
OF TECHNOLOGY (MIT)	2,834,548	MERCK SHARP & DOHME		MOREL, OSCAR E.	2,834,554
MASSACHUSETTS INSTITUTE		CORP.	2,834,566	MORGAN, ADAM J.	2,834,574
OF TECHNOLOGY	2,834,212	MERCK SHARP & DOHME		MORGAN, JEROME R.	2,834,423
MASSACHUSETTS INSTITUTE		CORP.	2,834,589	MORIMOTO, ALYSSA M.	2,834,203
OF TECHNOLOGY	2,834,297	MERCK SHARP & DOHME		MORIMOTO, KUNIHIRO	2,834,247
MASSIMO, NICOLA MASSIMO	2,834,439	CORP.	2,834,604	MORRISON, JEFFERY	2,834,293
MASSON, JEAN-YVES	2,833,914	MERCK SHARP & DOHME		MORTARINO, ENRICO	2,834,336
MASTERCARD		CORP.	2,834,610	MOSER, SCOTT	2,834,156
INTERNATIONAL		MERCK SHARP & DOHME		MOSKAL, JOSEPH	2,834,286
INCORPORATED	2,834,156	CORP.	2,834,618	MOTOROLA MOBILITY LLC	2,833,529
MASUKO, SOH	2,834,474	MERCURY AND ASSOCIATES,		MOUGNIER, SEBASTIEN-JUN	2,834,117
MATARASSO, NOA	2,834,027	STRUCTURE II	2,834,413	MUKAI, MITSUAKI	2,834,463
MATERIALS &		MERIT MEDICAL SYSTEMS,		MUKHERJEE, SUBHENDU	2,834,237
ELECTROCHEMICAL		INC.	2,834,606	MULLICK, ADAM	2,834,232
RESEARCH CORP.	2,834,328			MULLIS, JOE	2,834,276

## Index des demandes PCT entrant en phase nationale

MULTRUS, MARKUS	2,830,631	NISHI, TAKAHIRO	2,834,125	OFTRING, ALFRED	2,834,110
MULTRUS, MARKUS	2,830,633	NISHI, TAKAHIRO	2,834,190	OHKOUCHI, MUNETAKA	2,834,417
MUMAW, DANIEL J.	2,834,258	NISHI, TAKAHIRO	2,834,191	OHKOUCHI, MUNETAKA	2,834,465
MURAKAMI, KENJI	2,834,136	NISHIMURA, SUZUSHI	2,834,426	OHKUBO, SHUICHI	2,834,101
MURATA, TETSUYA	2,834,337	NISHIO, AKIHIKO	2,834,436	OIWA, NAOKI	2,834,021
MURILLO, LUIS EDUARDO	2,834,302	NISHIO, MIWAKO	2,834,215	OKANO, AKIHIRO	2,834,465
MURILLO, LUIS EDUARDO	2,834,305	NIVELON, PIERRE	2,833,934	OKUBO, TAKURO	2,834,247
MURRAY, KENNETH		NOBER, PETER	2,833,966	OKUDA, YUSUKE	2,834,024
ANDREW	2,833,932	NOBER, PETER	2,833,994	OKUDA, YUSUKE	2,834,140
MUTTER, THORSTEN	2,833,966	NOGUCHI, YUKIKO	2,834,255	OLECHNO, JOSEPH D.	2,834,398
MUTTER, THORSTEN	2,833,994	NOLAN, DARREN	2,834,170	OLOFSSON, INGEMAR	2,834,303
MYERSON, ALLAN STUART	2,834,212	NOMACO, INC.	2,834,617	OLOFSSON, INGEMAR	2,834,306
MYOMOTO, AKIRA	2,834,430	NONGFU SPRING CO., LTD.	2,833,797	OLOFSSON, INGEMAR	2,834,322
N2 APPLIED AS	2,834,220	NONIN MEDICAL, INC.	2,834,366	OLOFSSON, INGEMAR	2,834,324
NAGAE, KOJI	2,834,412	NORDEMO, STEFAN	2,834,038	OLOFSSON, INGEMAR	2,834,326
NAGATA, SATOSHI	2,834,208	NORDENSTAM, ERIK V.	2,834,059	OLSEN, ERIC	2,834,511
NAGY, MICHAEL	2,834,350	NORDENSTAM, ERIK V.	2,834,071	OLTMANS, JAMES ROBERT	2,834,509
NAIDOO, KUBASHEN		NORDIN, ANDERS	2,834,303	OMAIT, TODD P.	2,834,477
JEROME	2,834,405	NORDIN, ANDERS	2,834,306	OMORI, NAOKI	2,834,429
NAITO, KANA	2,834,255	NORDIN, ANDERS	2,834,322	OMRI, ABDEL	2,834,353
NAKAGAWA, TOMOHIRO	2,834,422	NORDIN, ANDERS	2,834,324	OPEN JOINT STOCK	
NAKAJI, PETER	2,834,559	NORDIN, DAG	2,834,036	COMPANY «RUSSIAN	
NAKAMURA, HAJIME	2,834,017	NORDSMARK, MARIANNE	2,834,588	RAILWAYS»	2,834,057
NAKAMURA, KENJI	2,834,021	NORDWAEGER, MARTIN	2,834,303	OPTASENSE HOLDINGS	
NAKANO, YASU HARU	2,834,412	NORDWAEGER, MARTIN	2,834,306	LIMITED	2,834,313
NAKAYAMA, TADAYORI	2,834,143	NORDWAEGER, MARTIN	2,834,322	OPTOVUE, INC.	2,834,289
NARODITSKY, OLEG	2,834,176	NORDWAEGER, MARTIN	2,834,324	ORBITE ALUMINAE INC.	2,834,151
NATIONAL CENTER FOR		NORDWAEGER, MARTIN	2,834,326	ORBITE ALUMINAE INC.	2,834,356
GLOBAL HEALTH AND		NORELL, NEIL N.	2,834,492	OREXO AB	2,834,327
MEDICINE	2,834,215	NORELL, NEIL N.	2,834,495	ORGANOBALANCE MEDICAL	
NATIONAL OILWELL VARCO,		NORFOLK SOUTHERN		AG	2,833,937
L.P.	2,831,014	CORPORATION	2,834,197	ORICA INTERNATIONAL PTE	
NAVARRO, CHRISTOPHE	2,834,117	NORTHERN DESIGN		LTD	2,834,390
NEC CORPORATION	2,834,193	(ELECTRONICS) LIMITED	2,834,338	ORTHOBOND, INC.	2,834,216
NEC CORPORATION	2,834,409	NORTHERN DESIGN		ORTHOBOND, INC.	2,834,222
NEDERLANDSE		(ELECTRONICS) LIMITED	2,834,345	OSAKA UNIVERSITY	2,834,255
ORGANISATIE VOOR		NORTHROP, ALAN B.	2,834,062	OSBORN, BARRY NORMAN	2,833,932
TOEGEPAST-		NORTHROP, ALAN B.	2,834,604	OSTLING, THOMAS	2,834,226
NATUURWETENSCHAPP		NORTHSHORE UNIVERSITY		OSUKI, TAKAHIRO	2,834,245
ELIJK ONDERZOEK TNO	2,834,205	HEALTHSYSTEM	2,834,395	OTAKE, YASUHIRO	2,834,021
NEFF, RAYMOND	2,834,551	NORTHWESTERN		OTANO PAGOLA, FRANCISCO	
NELSON, RICHARD	2,834,391	UNIVERSITY	2,834,286	JAVIER	2,833,998
NEOLOGY, INC.	2,834,276	NOTON, EDWARD		OTTE, RYAN D.	2,834,062
NESTEC S.A.	2,834,259	LAWRENCE	2,834,225	OTTE, RYAN D.	2,834,604
NESTEC S.A.	2,834,331	NOTTE, GREGORY	2,834,164	OUTOTEC OYJ	2,834,435
NESTEROV, EDUARD		NOVARTIS AG	2,833,962	OVERGAARD, JENS	2,834,588
IVANOVICH	2,834,057	NOVARTIS AG	2,834,224	OWENS CORNING	
NEUENDORF, MAX	2,830,631	NOVARTIS AG	2,834,300	INTELLECTUAL	
NEUENDORF, MAX	2,830,633	NOVARTIS AG	2,834,373	CAPITAL, LLC	2,834,287
NEUROS MEDICAL, INC.	2,834,180	NOVOMATIC AG	2,834,596	OWENS, ANDREW PATE	2,834,049
NEXISVISION, INC.	2,834,295	NOVOZYMES A/S	2,834,513	PACKERS PLUS ENERGY	
NGK INSULATORS, LTD.	2,834,420	NOVOZYMES, INC.	2,834,513	SERVICES INC.	2,834,210
NGUYEN, QUANG	2,834,470	NOWAK, ROMAN K.	2,834,172	PADHYE, NIKHIL	2,834,212
NIBCO INC.	2,834,271	NTT DOCOMO INC.	2,834,208	PADILLA, WILLIAM	2,834,606
NIEMIER, TIM	2,834,511	NUMEREX CORP.	2,834,389	PAGE, CHRISTOPHER JAMES	2,834,340
NIKE INTERNATIONAL LTD.	2,834,315	NUNEZ SANCHEZ, ANGEL		PAGE, CHRISTOPHER JAMES	2,834,348
NIKOLOV, DIMITAR B.	2,834,376	ENRIQUE	2,834,250	PAN, LONG	2,834,129
NILSSON, ULF	2,834,155	NUR, ISRAEL	2,834,419	PAN, LONG	2,834,132
NIP, KENNETH KEI-HO	2,834,555	NYALAMADUGU, SHESHI	2,834,276	PANASONIC CORPORATION	2,834,123
NIPPON STEEL & SUMITOMO		NYGREN, ANDERS	2,834,218	PANASONIC CORPORATION	2,834,125
METAL CORPORATION	2,834,245	O'NEIL, KARYN T.	2,834,624	PANASONIC CORPORATION	2,834,190
NIPPON STEEL & SUMITOMO		OCEA AS	2,834,251	PANASONIC CORPORATION	2,834,191
METAL CORPORATION	2,834,392	ODANAKA, SATOSHI	2,834,029	PANASONIC CORPORATION	2,834,436
NISHI, TAKAHIRO	2,834,123	OFFER, GREGORY	2,834,329	PANIK, DAVID	2,834,027

## Index of PCT Applications Entering the National Phase

PAPPAS, IRAKLIS	2,834,129	PORTACIO, GONZALO	2,834,102	ROBINSON, ANDREW E.	2,834,333
PAPPAS, IRAKLIS	2,834,132	POWERS, WILLIAM	2,834,240	ROCHELEAU, GARY A.	2,834,273
PARK, JOONYOUNG	2,834,249	POZO ESPINOSA, AMADOR	2,830,840	ROCK CREEK	
PARK, SEUNGWOOK	2,834,249	PRENTKI, MARC	2,834,108	PHARMACEUTICALS,	
PARKHILL, ERIC Q.	2,834,164	PRESTEL, SEBASTIEN JEAN		INC.	2,834,280
PARMETER, LARRY J.	2,834,358	LAURENT	2,834,213	ROCKOW, STEVEN G.	2,834,273
PARRAULT, OLIVIER	2,834,112	PRESZ, WALTER M.	2,834,595	RODRIGO ALVAREZ,	
PASABAN SANCHEZ, SERGIO	2,833,998	PRETTYPAUL, DONALD I.	2,834,035	GONZALO PEDRO	2,830,840
PASABAN, S.A.	2,833,998	PRIMAK, YULIYA A.	2,834,379	ROHM AND HAAS COMPANY	2,834,607
PASCAL, JEAN-MARC	2,834,281	PRIMEAU, DENIS	2,834,151	ROHRSCHEIDER, MARC	2,834,318
PASQUINI, FEDERICO	2,834,171	PRIOR, MATTHEW	2,834,366	ROJO DE LA VIESCA,	
PATE, BRIAN PHILLIP	2,834,048	PROTEUS INDUSTRIES, INC.	2,834,241	ENRIQUE	2,834,183
PATEL, MADHUSUDAN	2,834,221	PRUYSEN, AART R.	2,834,369	ROMEO, ERIC THOMAS	2,834,043
PATTERSON, JOHN B.	2,834,172	PUCCI, JEFF P.	2,834,379	ROOS, DERRICK R.	2,831,264
PEARCE, TONY M.	2,834,087	PURNHAGEN, HEIKO	2,830,631	RORABAUGH, MICHAEL E.	2,834,093
PEKING UNIVERSITY	2,834,113	PURNHAGEN, HEIKO	2,830,633	ROSEMOUNT INC.	2,834,391
PEKKALA, OLLI	2,834,435	PUTTERMAN, SETH J.	2,834,592	ROTH, GEORGE S.	2,834,238
PENNING, JAN PAUL	2,834,066	QU, BINGYU	2,834,556	ROWLAND, HARRY	2,834,350
PENNINGTON, DALE	2,833,965	QUALATEC APS	2,830,867	ROY, CHRISTOPHER J.	2,834,514
PEPSICO, INC.	2,833,926	QUALCOMM INCORPORATED	2,834,561	ROY, HEMANT K.	2,834,395
PEPSICO, INC.	2,833,928	QUIRKY INCORPORATED	2,834,363	ROY, JAMES EDWARD	2,834,313
PERE, KARINE	2,834,438	RAAB, ANDREAS	2,833,937	ROYAL AUSTRALIAN MINT	2,834,560
PERES, CAROLINE M.	2,834,379	RABINOVITCH, MARLENE	2,834,368	ROYAL, WILLIAM C.	2,834,370
PEREZ RESA, ADRIAN	2,830,840	RADFORD, PETER	2,833,922	RUBALSKIY, DMITRIY E.	2,834,406
PEROZ, JACKY	2,833,995	RADOIU, MARILENA	2,834,304	RUDENKO, VLADIMIR	
PERRY, THAO	2,834,164	RAKUTEN, INC.	2,834,471	FEDOROVICH	2,834,057
PERSYST DEVELOPMENT		RAKUTEN, INC.	2,834,474	RUHLMANN, DENIS	2,834,310
CORPORATION	2,834,248	RANSOM, JOHN H., JR.	2,834,562	RUIZ, RANDY T.	2,834,428
PERVAN, DARKO	2,834,228	RAO, MANGALA	2,834,288	RUSCONI, CHRISTOPHER P.	2,834,200
PESEK, SERGIO A.	2,834,358	REDDY, E. PREMKUMAR	2,834,045	RUSSELL, TIM	2,834,334
PETERKA, PETR	2,833,529	REDDY, M.V. RAMANA	2,834,045	RUTLEDGE, GREGORY C.	2,834,212
PETERSON, RICHARD LEE	2,834,051	REGALO BIOSCIENCES, INC.	2,834,200	SA DE, CARLOS	2,834,438
PETROCCHI, ALESSIA	2,834,604	REGALADO, JULIUS	2,834,372	SACCOMANDO, DANIEL J.	2,834,072
PETTUS, LIPING H.	2,834,166	REICH, CARY J.	2,834,295	SAEKI, KOICHI	2,834,215
PEUKER-SJOGREN, CLAUDIA	2,834,312	REINHART, JEFFREY R.	2,834,130	SAEKI, KUMIKO	2,834,215
PHARR, ROBERT S.	2,834,098	REMY, STEVEN RICHARD	2,834,363	SAETRE, GEIRMUND	2,834,294
PHARR, ROBERT S.	2,834,099	RENNEFAHRT, ULRIKE	2,834,455	SAF, FREDRIK	2,834,226
PHILIP MORRIS PRODUCTS		RESCH, PETER	2,833,915	SAFE-T-SHADE	2,834,098
S.A.	2,833,939	RESZKA, REGINA	2,834,455	SAFE-T-SHADE	2,834,099
PHILIPS, SEAN LANDIS	2,834,318	RETROTOPE, INC.	2,834,274	SAIREM SOCIETE POUR	
PHYLOGICA LIMITED	2,834,577	RETROTOPE, INC.	2,834,341	L'APPLICATION	
PICCOZ, DANIEL	2,834,411	RETROTOPE, INC.	2,834,342	INDUSTRIELLE DE LA	
PIEL, WALTER HARDY	2,834,390	RETROTOPE, INC.	2,834,343	RECHERCHE EN	
PIERS, PATRICIA ANN	2,834,564	REUSS, TANJA	2,834,396	ELECTRONIQUE ET	
PIETRASANTA, DAVIDE	2,834,171	REYNAUD, CLAUDINE	2,834,107	MICRO ONDES	2,834,304
PIONEER HI-BRED		RHEE, SORA	2,834,403	SAKAI CHEMICAL INDUSTRY	
INTERNATIONAL, INC.	2,834,364	RIBBLE, GEORGE W.	2,834,360	CO., LTD.	2,834,229
PITSCH, WALTER	2,834,335	RICHARDSON, THOMAS E.	2,834,199	SAKAI CHEMICAL INDUSTRY	
PLANT, DANIEL	2,834,329	RICHBURG, JOHN S.	2,834,266	CO., LTD.	2,834,233
PLATTCO CORPORATION	2,834,359	RICHBURG, JOHN S.	2,834,333	SAKAI CHEMICAL INDUSTRY	
POIRIER, GUY	2,833,914	RICHOZ, OLIVIER	2,834,111	CO., LTD.	2,834,252
POLARIS GROUP	2,834,083	RICOH COMPANY, LIMITED	2,834,029	SAKAMOTO, HIROAKI	2,834,392
POLING, HUGH	2,834,323	RICOH COMPANY, LIMITED	2,834,145	SAKAMOTO, KIYOSHI	2,834,361
POLONIS, VICTORIA	2,834,288	RICOH COMPANY, LTD.	2,834,135	SAKAMOTO, RIE	2,834,021
POLOSO, NEIL J.	2,833,961	RIFFLART, SEBASTIEN	2,834,188	SAKURAI, SHIGERU	2,834,255
POLUTOVA, YAROSLAVA	2,834,412	RIGHT BRAIN INTERFACE		SALAZAR-GUILLEN, JOSE	
POLYONE CORPORATION	2,834,579	N.V.	2,834,351	ARMANDO	2,833,952
POMMER, LINDA	2,834,306	RING, LEV	2,834,227	SALEHI, AHMAD	2,834,344
POMMER, LINDA	2,834,324	RIO TINTO ALCAN		SALY, ERIK M.	2,834,579
POND BIOFUELS INC.	2,834,279	INTERNATIONAL		SAMSUNG ELECTRONICS	
POPE, GARY A.	2,833,922	LIMITED	2,833,903	CO., LTD.	2,834,462
POPOV, IVAYLO		RISBY, PHILIP JOHN	2,833,965	SANCHEZ SERRANO, JOSE	
VLADIMIROV	2,834,339	RITEAU, BEATRICE	2,834,621	JUAN	2,834,183
PORATH, PER	2,834,038	ROBINSON, ANDREW E.	2,834,266	SANDE, LINETTE	2,834,353



## Index des demandes PCT entrant en phase nationale

SANDERS-BUELL, ERIC	2,834,288	SCOTT, THAD JOSEPH	2,834,227	SHIBANUMA, TOSHIHIKO	2,834,426
SANDIA CORPORATION	2,834,365	SEAGRAVES, J. KEVIN	2,834,579	SHIBATA, YASUE	2,834,243
SANDSTROM, ERIK	2,834,324	SEARS, CHARLES WILLIAM	2,834,318	SHIBUYA, KATSUHIKO	2,834,337
SANMARTIN ARTINANO, MARIA MAITE	2,834,183	SECURITAS DIRECT AB	2,834,298	SHIDA, HARUO	2,834,029
SANOFI	2,834,282	SEDDON, DAVID A.	2,834,583	SHIEH, DORIS SUN-CHIA	2,834,555
SANOFI-AVENTIS DEUTSCHLAND GMBH	2,833,966	SEEGENE, INC.	2,834,030	SHIKITA, SHOJI	2,834,137
SANOFI-AVENTIS DEUTSCHLAND GMBH	2,833,994	SEEGER, WERNER	2,834,063	SHILAT OPTRONICS LTD	2,834,296
SAREPTA THERAPEUTICS, INC.	2,834,128	SEEHAFER, TROY RONALD	2,834,081	SHIMADA, RYOHEI	2,834,471
SASAI, HISAO	2,834,123	SEGALES, JOAQUIM	2,834,449	SHIMIZU, KAZUHARU	2,834,430
SASAI, HISAO	2,834,125	SEGURA, RICARDO	2,834,553	SHIMOJO, EIICHI	2,834,337
SASAI, HISAO	2,834,190	SEKIYA, RYOICHI	2,834,412	SHIONOGI & CO., LTD.	2,834,429
SASAI, HISAO	2,834,191	SELECTA BIOSCIENCES, INC.	2,834,514	SHOP VAC CORPORATION	2,834,492
SASMANNSHAUSEN, JAN	2,833,925	SELECTA BIOSCIENCES, INC.	2,834,519	SHOP VAC CORPORATION	2,834,495
SASOL TECHNOLOGY (PROPRIETARY) LIMITED	2,833,964	SELECTA BIOSCIENCES, INC.	2,834,527	SHOVELLER, ANNA KATHARINE	2,834,238
SASOL TECHNOLOGY (PROPRIETARY) LIMITED	2,834,015	SELECTA BIOSCIENCES, INC.	2,834,532	SHU, WEN	2,834,554
SATO, FUMIAKI	2,834,430	SELECTA BIOSCIENCES, INC.	2,834,533	SHUKLA, ANITA	2,834,297
SATO, TOSHIYA	2,834,422	SELECTA BIOSCIENCES, INC.	2,834,534	SIDARAVICIUS, JONAS	2,834,460
SAUDI ARABIAN OIL COMPANY	2,834,079	SELECTA BIOSCIENCES, INC.	2,834,599	SIDERIS, DIMITRIOS	2,833,954
SAUDI ARABIAN OIL COMPANY	2,834,384	SEMIOSBIO TECHNOLOGIES INC.	2,833,910	SIEMENS AKTIENGESELLSCHAFT	2,834,312
SAUDI ARABIAN OIL COMPANY	2,834,572	SENDA, YUZO	2,834,193	SIERCKS, KNUT	2,834,192
SAUERESSIG GMBH + CO. KG	2,834,161	SENGUPTA, SAUMITRA	2,834,224	SIGMA TAU INDUSTRIE FARMACEUTICHE	
SAVAGE, NIGEL CHARLES	2,834,309	SENNHAUSER, GABY	2,834,624	RIUNITE S.P.A.	2,834,173
SAVIDAND, GREGORY	2,834,209	SENSUS USA INC.	2,834,346	SIGNOPTIC TECHNOLOGIES	2,834,416
SAWICKI, EDWARD MACK	2,834,340	SENSUS USA INC.	2,834,576	SILVERSIDES, RICHARD WILLIAM	2,834,329
SAWICKI, EDWARD MACK	2,834,348	SEQUENOM, INC.	2,834,218	SIMMONS, MICHAEL JOHN	2,834,048
SAWICKI, EDWARD MACK	2,834,415	SERBER, ZACH	2,834,375	SIMONEAU, RAYMOND	2,834,151
SAXONOV, SERGE	2,834,291	SEUNG, JUNG-AH	2,834,462	SINGH, ANURIMA	2,834,607
SAYLIK, DILEK	2,834,202	SEVER, NICHOLAS JOSEPH	2,834,051	SKAUGEN, GEIR	2,831,014
SAZONOV, IGOR VALENTINOVICH	2,834,057	SEWARD, KIRK	2,834,040	SLAUGHTER, RYAN RICHARD	2,834,212
SBI BIOTECH CO., LTD.	2,834,243	SHAMSAASEF, RAFIE	2,833,529	SMITH INTERNATIONAL, INC.	2,834,357
SCHAFFER, PETER	2,834,535	SHANGHAI APE STONE CO., LTD.	2,834,441	SMITH, CHRISTOPHER	2,834,308
SCHAFFER, PETER H.	2,834,355	SHCHEPINOV, MIKHAIL SERGEEVICH	2,834,274	SMITH, CHRISTOPHER	2,834,311
SCHAFFER, DAVID V.	2,833,870	SHCHEPINOV, MIKHAIL SERGEEVICH	2,834,341	SMITH, CRAIG	2,834,373
SCHIEB, CHARLES J.	2,834,477	SHCHEPINOV, MIKHAIL SERGEEVICH	2,834,342	SMITH, FORREST	2,834,352
SHELL, ADAM J.	2,834,604	SHCHEPINOV, MIKHAIL SERGEEVICH	2,834,343	SMITH, JACK ANTHONY	2,834,270
SCHLUMBERGER CANADA LIMITED	2,834,549	SHE, MANJUAN JENNY	2,834,259	SMITH, JACK ANTHONY	2,834,504
SCHLUMBERGER CANADA LIMITED	2,834,550	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	2,834,299	SMITH, JOSHUA T.	2,834,230
SCHMACKE, MICHAEL	2,834,312	SHELTON, FREDERICK E. IV	2,834,421	SMITH, MICHAEL	2,834,334
SCHMEHL, THOMAS	2,834,063	SHELTON, FREDERICK E., IV	2,834,419	SNAP-ON INCORPORATED	2,834,103
SCHMIDT, GREGORY	2,833,821	SHELTON, FREDERICK E., IV	2,834,423	SNECMA	2,834,204
SCHNEIDER ELECTRIC INDUSTRIES SAS	2,834,411	SHELTON, FREDERICK E., IV	2,834,424	SNECMA	2,834,213
SCHOLZ, CHRISTIAN	2,834,456	SHELTON, FREDERICK E., IV	2,834,424	SNYDER, JON J.	2,834,180
SCHOLZ, HENDRIK	2,834,168	SHELTON, FREDERICK E., IV	2,834,425	SOBRAN, IVAN	2,834,617
SCHOTTE, TEUNIS PHILIPPUS	2,834,096	SHELTON, FREDERICK E., IV	2,834,425	SOHN, STEPHEN WAYNE	2,834,320
SCHRAEML, MICHAEL	2,834,456	SHELTON, FREDERICK E., IV	2,834,477	SOLOW-CORDERO, DAVID	2,834,368
SCHRIER, CARLA CHRISTINA	2,834,440	SHELTON, FREDERICK E., IV	2,834,481	SORENSEN, BRITA SINGERS	2,834,588
SCHRIER, CARLA CHRISTINA	2,834,442	SHELTON, FREDERICK E., IV	2,834,557	SORZE, ANDREA DIAS	2,834,171
SCHROTER, MARIE KATRIN	2,834,110	SHELTON, FREDERICK E., IV	2,834,403	SOTIO A.S.	2,833,946
SCHROTTER, FLORIAN	2,834,596	SHEN, JINSHAN	2,834,552	SOTO-SANCHEZ, DIEGO	2,834,054
SCHULZ, KLAUS-DIETER	2,834,109	SHEN, YUELIN	2,834,357	SOTTMANN, THOMAS	2,834,321
SCHWEERS, DENNIS	2,834,629	SHETTY, JAYARAMA K.	2,834,393	SOUPIZON, JEAN-LUC	2,834,213
		SHI, MANYING	2,834,437	SPEEG, TREVOR W. V.	2,834,258
		SHI, ZULIN	2,834,259	SPENCER, ANDREW	2,834,414
		SHIBAHARA, YOUJI	2,834,123	SPIEKERKOEETTER, EDDA	2,834,368
		SHIBAHARA, YOUJI	2,834,125	SPISEK, RADEK	2,833,946
		SHIBAHARA, YOUJI	2,834,190	SPODSBERG, NIKOLAJ	2,834,513
		SHIBAHARA, YOUJI	2,834,191	SRI INTERNATIONAL INC.	2,834,176
				STADLER, KONRAD	2,833,815
				STAGI, WILLIAM	2,834,554

## Index of PCT Applications Entering the National Phase

STANLEY, HUIQING Y.	2,834,217	TAIHO PHARMACEUTICAL		THE GENERAL HOSPITAL	
STARE, RAGNAR	2,834,052	CO., LTD.	2,834,101	CORPORATION D/B/A	
STASSEN, PETRUS PAULUS		TAKAHASHI, KENZO	2,834,154	MASSACHUSETTS	
CAROLUS MARIA	2,834,445	TAKAHASHI, SHINJI	2,834,223	GENERAL HOSPITAL	2,834,548
STC.UNM	2,834,365	TAKAHASHI, SHU	2,834,136	THE GOODYEAR TIRE &	
STE S.A.S. DI G. MOIRAGHI &		TAKAKUWA, KYOKO	2,834,567	RUBBER COMPANY	2,834,379
C.	2,833,980	TAKEDA, KAZUAKI	2,834,208	THE GOVERNMENT OF THE	
STEED, BRENT	2,834,511	TAKEDA, KIYOKO	2,834,245	UNITED STATES OF	
STEEGH, MICHIEL	2,834,066	TAKEISHI, TOWAKO	2,834,567	AMERICA, AS	
STEELE, JAMES	2,834,554	TAKESHIMA, KAZUYOSHI	2,834,024	REPRESENTED BY THE	
STEFFEN, DEBORAH L.	2,834,376	TAKESHIMA, KAZUYOSHI	2,834,140	SECRETARY OF THE	
STEINHARDT, MARK JOHN	2,834,217	TAKEUCHI, TSUNEHISA	2,834,024	ARMY U.S. ARMY	
STEINHARDT, MARK JOHN	2,834,340	TAKEUCHI, TSUNEHISA	2,834,140	MEDICAL RESEARCH	
STEINHARDT, MARK JOHN	2,834,348	TAKIZAWA, TAKESHI	2,834,136	AND MATERIEL	
STEINHARDT, MARK JOHN	2,834,415	TAMAI, KATSUTO	2,834,255	COMMAND OFFICE OF	
STEINMEISTER, DIRK	2,834,325	TAMMANA, VEERA		THE STAFF JUDGE	
STENSON, MICHAEL	2,834,346	VENKATA R.	2,834,572	ADVOCATE	2,834,288
STEPHENSON, STANLEY V.	2,833,944	TAMURA, YUUSUKE	2,834,429	THE HENRY M. JACKSON	
STEVENS, BRIAN	2,834,606	TAN, LUBIN	2,834,581	FOUNDATION FOR THE	
STEVENSON, HOWARD	2,833,922	TANAKA, YOUICHIRO	2,834,247	ADVANCEMENT OF	
STEYER, TIMO	2,834,201	TANDUS FLOORING, INC.	2,834,408	MILITARY MEDICINE,	
STIMPFL, KURT	2,834,106	TANGHAL, EMMANUEL V.	2,834,258	INC.	2,834,376
STONE, KEITH JOSEPH	2,834,076	TANIKAWA, KYOKO	2,834,123	THE HERSHEY COMPANY	2,834,362
STOOPS, LUC	2,834,281	TANIKAWA, KYOKO	2,834,125	THE IAMS COMPANY	2,834,238
STORA ENSO OYJ	2,834,460	TANIKAWA, KYOKO	2,834,190	THE INTELLISIS	
STOUFFER, BRUCE	2,834,552	TANIKAWA, KYOKO	2,834,191	CORPORATION	2,831,264
STRATER, JURGEN	2,834,325	TAO, XIAOLU	2,834,552	THE LUBRIZOL	
STREEPER, ROBERT T.	2,834,383	TAOKA, BRANDON M.	2,834,043	CORPORATION	2,834,072
STREY, REINHARD	2,834,321	TARRAND, JEFFREY	2,834,262	THE LUBRIZOL	
STUMP, STEVEN E.	2,824,527	TASKER, ANDREW	2,834,166	CORPORATION	2,834,078
SU, SHIN-SAN MICHAEL	2,834,602	TATA STEEL IJMUIDEN BV	2,834,066	THE LUBRIZOL	
SU, ZHEN	2,834,581	TAVAKOLIAN, KOUHYAR	2,834,102	CORPORATION	2,834,569
SUAREZ DOMINGUEZ,		TECHLAB, INC.	2,834,400	THE PROCTER & GAMBLE	
EDGARDO JONATHAN	2,833,898	TECHNOLOGIES HOLDINGS		COMPANY	2,834,076
SUAREZ, CARLOS GERMAN	2,834,499	CORP.	2,834,169	THE PROCTER & GAMBLE	
SUAU, JEAN-MARC	2,834,310	TEGLE, JOHAN	2,834,038	COMPANY	2,834,217
SUEDA, SATORU	2,834,229	TEICH, FRIEDHELM	2,834,110	THE PROCTER & GAMBLE	
SUEDA, SATORU	2,834,233	TELNET REDES		COMPANY	2,834,348
SUEDA, SATORU	2,834,252	INTELLIGENTES, S.A.	2,830,840	THE PROCTER & GAMBLE	
SUGAWARA, HIDETAKA	2,834,471	TEODORESCU, DAN	2,834,344	COMPANY	2,834,510
SUGIO, TOSHIYASU	2,834,123	TERABE, ATSUKI	2,834,229	THE PROCTER & GAMBLE	
SUGIO, TOSHIYASU	2,834,125	TERABE, ATSUKI	2,834,233	COMPANY	2,834,340
SUGIO, TOSHIYASU	2,834,190	TERABE, ATSUKI	2,834,252	THE PROCTER & GAMBLE	
SUGIO, TOSHIYASU	2,834,191	TERHUNE, JEFFERY	2,834,382	COMPANY	2,834,415
SUH, JONGYEUL	2,834,046	TEUNISSEN, ALOYSIUS		THE REGENTS OF THE	
SULIMA, STANISLAW C.	2,834,172	WILHELMUS		UNIVERSITY OF	
SULLIVAN, PHILIP F.	2,834,549	RUDOLPHUS HUBERTUS	2,834,053	CALIFORNIA	2,833,870
SULLIVAN, PHILIP F.	2,834,550	TEUNISSEN, PAULA		THE REGENTS OF THE	
SUN, CHUANQING	2,834,581	JOHANNA MARIA	2,834,393	UNIVERSITY OF	
SUN, JIAN-SHENG	2,834,194	THALES HOLDINGS UK PLC	2,834,458	CALIFORNIA	2,834,592
SUN, XIZHANG	2,834,626	THE BOARD OF TRUSTEES OF		THE RESEARCH	
SUNDARAM,		THE LELAND STANFORD		FOUNDATION OF STATE	
BALAMURUGAN	2,834,350	JUNIOR UNIVERSITY	2,834,368	UNIVERSITY OF NEW	
SURJAATMADJA, JIM B.	2,833,944	THE BOEING COMPANY	2,834,070	YORK	2,834,149
SURPRENANT, DEAN	2,834,359	THE BOEING COMPANY	2,834,093	THEMIG, DANIEL JON	2,834,210
SUZUKI, HIDEYUKI	2,834,420	THE BOEING COMPANY	2,834,323	THIEL, JEAN-BENOIT	2,834,198
SWANN, STEVEN L.	2,834,237	THE BOEING COMPANY	2,834,546	THIEMANN, DANIEL ALAN	2,834,330
SWASEY, MERIN	2,834,371	THE BROAD INSTITUTE, INC.	2,834,548	THOMAS, THERESA	2,834,559
SYKES, IAN	2,834,338	THE FEINSTEIN INSTITUTE		THOMASCHEWSKI, OLIVER	2,834,394
SYKES, IAN	2,834,345	FOR MEDICAL		THOMPCKINS, ANTON	
SYMMS, JOSHUA VERNON	2,834,227	RESEARCH	2,834,516	ANGELO	2,834,051
SZAJDZICKA, JULIA	2,834,338	THE FUTURE 33 LLC	2,834,388	THORSON, MICAH D.	2,834,269
SZAJDZICKA, JULIA	2,834,345			THUNUGUNTLA, SIVA	
TACHIKAWA CORPORATION	2,834,017			SANJEEVA RAO	2,834,237

## Index des demandes PCT entrant en phase nationale

TIGHE, BONNIE	2,834,402	VAL-CHUM, LIMITED		VITTRUP, ANDERS	2,834,283
TILTON, FREDERICK T.	2,834,360	PARTNERSHIP	2,834,108	VITTRUP, THOMAS	2,834,283
TITUS, NOEL	2,834,092	VALDEZ, BENIGNO C.	2,834,262	VOIPFUTURE GMBH	2,834,168
TIWARI, RASHMI	2,833,926	VALINGE FLOORING		VOITH PATENT GMBH	2,834,316
TODA KOGYO CORPORATION	2,834,223	TECHNOLOGY AB	2,834,228	VOSWINCKEL, ROBERT	2,834,063
TODD, MIKE	2,834,511	VALLON, KATE SARAH	2,834,363	VYAKARANAM, KIRAN	2,834,512
TOI, MASAKAZU	2,834,430	VAN AKEN, THOMAS EDWIN	2,834,242	WACHTER, PHILIPP	2,834,109
TOMIOKA, MASAYUKI	2,834,463	VAN COPPENOLLE, BART	2,834,351	WADA, ICHIRO	2,834,420
TOMITA, MIHO	2,834,392	VAN DE LOOSDRECHT, JAN	2,833,964	WAGNER, FLORENCE	
TOMS, RAY ALAN	2,834,330	VAN DEN BERGH, KRIS	2,834,206	FEVRIER	2,834,548
TORAY INDUSTRIES, INC.	2,834,247	VAN DEN BOS, WILLEMPJE		WALES, LAWRENCE W.	2,834,377
TORAY INDUSTRIES, INC.	2,834,430	ANTONIE PATRICIA	2,834,205	WALI, RAMESH K.	2,834,395
TORRES, EDUARDO	2,834,594	VAN DEN BROEKE, LEO		WALLBAUM, MICHAEL	2,834,168
TOSIBOX OY	2,834,147	JACQUES PIERRE	2,834,205	WALSER, BERND	2,834,189
TOTAL RAFFINAGE CHIMIE	2,834,188	VAN DER KAAP, TRIENKO		WAN, MIN	2,831,337
TOUSTRUP, KASPER	2,834,588	MARTEN	2,834,443	WANG, HUI-LING	2,834,166
TOVANABUTRA, SODSAI	2,834,288	VAN DER MOOREN, MARRIE		WANG, JENNY W.	2,833,961
TOWNSEND, MICHAEL J.	2,834,203	H.	2,834,564	WANG, LAI	2,833,956
TOYODA, MASATOSHI	2,834,245	VAN DER SLUIS, PETER		WANG, LIN	2,834,246
TRAINER, DAVID REGINALD	2,834,054	WILLEM	2,834,169	WANG, MAO	2,834,212
TRAN, THIEN Q.	2,834,358	VAN DER VIJVER, JAN BART	2,834,443	WANG, NA	2,834,581
TREMULIS, WILLIAM S.	2,834,269	VAN DESSEL, PATRICK	2,834,206	WANG, PING	2,834,516
TREVINO, RAMIRO	2,833,929	VAN DYK, ANTONY K.	2,834,607	WANG, WEIWEI	2,834,104
TRIGONA, WENDY L.	2,834,552	VAN ECK, HERMAN		WANG, XIAOYING	2,834,362
TRINH, CHRIS	2,834,560	JOHANNES	2,834,096	WANG, YI-ZHONG	2,834,373
TROTTER, BENJAMIN		VAN NIMWEGEN, EDWARD		WANG, ZHIPENG	2,834,430
WESLEY	2,834,043	G.	2,834,511	WARINGA, CORNELIS	
TROUT, BERNHARDT LEVY	2,834,212	VAN RENSBURG, HENDRIK	2,833,964	JOHANNES	2,834,066
TRUONG, HIEU C.	2,834,416	VANCOTT, THOMAS C.	2,834,288	WARNER, STUART ANDREW	2,834,308
TSAI, LI-HUEI	2,834,548	VANDORMAEL, PHILIP	2,834,351	WARNER, STUART ANDREW	2,834,311
TSUJIMOTO, GOZOH	2,834,430	VASUDEVAN,		WARRASS, RALF	2,834,438
TSUNORI, MITSUYOSHI	2,834,021	VENKATARAMANAN		WARREN, CLINT B.	2,834,386
TUAN, KUANGMON ASHLEY	2,834,295	MANDAKOLATHUR	2,834,419	WASELL, PAUL	2,834,308
TULIPPS SOLAR		VATER, HUW DAVID	2,833,942	WASELL, PAUL	2,834,311
INTERNATIONAL B.V.	2,834,445	VATER, HUW DAVID	2,833,963	WATANABE, NOBUO	2,834,233
TURNER, DAVID	2,834,315	VAUGHN, JOHN	2,834,129	WATANABE, NOBUO	2,834,252
UBBEN, MATTHIAS	2,834,058	VAUGHN, JOHN	2,834,132	WATANABE,NOBUO	2,834,229
UBE INDUSTRIES, LTD.	2,834,137	VELAZQUEZ, RICHARD	2,833,928	WATKINS, ROGER	2,834,350
UBUKATA, KEN	2,834,463	VENKATARAMANI,		WATT, PAUL MICHAEL	2,834,577
UEHARA, SHOJIRO	2,834,017	CHANDRASEKAR	2,834,164	WAVELIGHT GMBH	2,834,118
UENO, TAKAYUKI	2,834,430	VESTAL, WILLIAM D.	2,834,098	WEATHERFORD/LAMB, INC.	2,834,026
UGO, GUIDO	2,833,939	VESTAL, WILLIAM D.	2,834,099	WEATHERFORD/LAMB, INC.	2,834,227
UHDENORA S.P.A.	2,834,201	VESTERGAARD FRANDSEN,		WEATHERFORD/LAMB, INC.	2,834,230
ULRIKSEN, ULRIK	2,834,251	MIKKEL	2,834,281	WEATHERFORD/LAMB, INC.	2,834,293
ULTRA PREMIUM OILFIELD		VESUVIUS CRUCIBLE		WEATHERFORD/LANB, INC.	2,834,360
SERVICES, LTD.	2,834,586	COMPANY	2,834,130	WEERASOORIYA, UPALI P.	2,833,922
UMEHARA, NAOKI	2,834,145	VICASTILLO BARRABES,		WEFRINGHAUS, RAINER	2,834,170
UNILEVER PLC	2,834,171	CARLOS	2,830,840	WEGELIN, JACKSON W.	2,834,260
UNILEVER PLC	2,834,396	VICIAN, LINDA	2,834,349	WEGERLE, ULRIKE	2,833,915
UNITED PARCEL SERVICE OF		VICKERMAN, RICHARD J.	2,834,072	WEI, QI	2,833,956
AMERICA, INC.	2,834,562	VICTHOM HUMAN BIONICS,		WEIMAR, WOLFGANG	2,834,170
UNIVERSITE DE BORDEAUX		INC.	2,834,011	WEINSTEIN, JOEL	2,834,369
1	2,834,117	VIISOREANU, ADRIAN	2,834,323	WEIWER, MICHEL	2,834,548
UNIVERSITE DE GENEVE	2,834,111	VIKER, THOMAS O.	2,834,269	WELLHOEFER, ARMIN	2,834,118
UNIVERSITE LAVAL	2,833,914	VILAGINES, REGIS D.	2,834,572	WELLS, DEREK H.	2,834,379
UNIVERSITE LAVAL	2,834,621	VIRGALLITO, TERESA T.	2,834,231	WENDT, DAVID	2,834,234
UNIVERSITY OF SOUTH		VIRMANI, ASHRAF	2,834,173	WERLE, MICHAEL J.	2,834,595
AUSTRALIA	2,834,042	VISAGIE, JACOBUS LUCAS	2,833,964	WEST, JON K.	2,834,372
UNIVERSITY OF		VISAGIE, JACOBUS LUCAS	2,834,015	WESTERN SAW	
WASHINGTON	2,834,626	VISEL, MEIKE	2,833,870	MANUFACTURERS, INC.	2,834,317
UOP LLC	2,834,320	VISSER, RICHARD		WESTNEDGE, ANDREW J.	2,834,406
URANO, ATSUSHI	2,834,136	GERARDUS FRANCISCUS	2,834,096	WHATCOTT, RUSSELL B.	2,834,087
USHER III INITIATIVE	2,834,049	VITAL ART AND SCIENCE		WHEELABRATOR GROUP,	
UTILX CORPORATION	2,834,554	INCORPORATED	2,834,373	INC.	2,834,401

## Index of PCT Applications Entering the National Phase

WHITNEY, STEPHEN	2,834,288	YIANNAKI, ANDREW COSTAS	2,834,617
WIESLANDER, ANDERS	2,834,399	YIN, XIAOBAO	2,834,292
WIEWIORA, ERIC	2,831,264	YLIMARTIMO, VEIKKO	2,834,147
WILKINS, TRACY D.	2,834,400	YM BIOSCIENCES	
WILLIAMS , JONNIE R., JR.	2,834,280	AUSTRALIA PTY LTD	2,834,414
WILLIAMS, SHARLENE		YOKOYAMA, TETSUO	2,834,245
RENEE	2,834,598	YONEDA, TETSUO	2,834,431
WILLIAMS, SHARLENE		YOSHIMURA, CHIHOKO	2,834,101
RENEE	2,834,600	YOSHINO KOGYOSHO CO.,	
WILLIAMS, SHARLENE		LTD.	2,834,143
RENEE	2,834,603	YOU, JIYE	2,834,441
WILLIS, REBECCA	2,833,533	YOUNG, JOSEPH E.	2,834,421
WILSON, SCOTT B.	2,834,248	YOUNG, JOSEPH E.	2,834,423
WIND, STEPHANIE DIANNE	2,834,360	YOUNG, JOSEPH E.	2,834,424
WINDSCHAUER, ROBERT J.	2,834,231	YOUNG, JOSEPH E.	2,834,425
WITHERS, JAMES C.	2,834,328	YOUNG, JOSEPH E.	2,834,557
WITTE, FLORIAN	2,834,318	YOUNG, NIALL W. G.	2,834,308
WITTEBROCK, HEINZ	2,834,161	YOUNG, NIALL W. G.	2,834,311
WIUF, CARSTEN	2,834,588	YOUSSEF, EMAD	2,834,559
WOBBEN PROPERTIES GMBH	2,834,058	YU, DONGSHENG	2,834,270
WOLTERS, KAY	2,834,161	YU, DONGSHENG	2,834,504
WONG, BING LOU	2,834,508	YU, DONGSHENG	2,834,627
WOODWARD, DAVID F.	2,833,961	YU, GUO-LIANG	2,834,404
WOODWARD, GARY J.	2,834,259	YU, HENRY	2,834,199
WRIGHT, TERRY R.	2,834,266	YU, JIAQING	2,834,357
WRIGHT, TERRY R.	2,834,333	YUO, AKIRA	2,834,215
WU, BIN	2,834,166	ZABLOCKI, JEFF	2,834,164
WU, BOR-WEN	2,834,083	ZAKS, TAL	2,834,282
WURZ, RYAN	2,834,166	ZEIMETZ, LEO	2,833,966
WYCISK, ERIC	2,833,925	ZEIMETZ, LEO	2,833,994
XIA, YI	2,834,441	ZENG, LIANG	2,834,441
XIAN, GUANG YI	2,834,335	ZENG, XIAOFEI	2,831,337
XIAO, WEIMIN	2,834,556	ZHA, DONGXING	2,834,589
XIE, DAOXIN	2,834,581	ZHANG, FENG ZHI	2,833,911
XU, HAI	2,834,384	ZHANG, JIANG	2,833,529
XU, HAIBO	2,834,104	ZHANG, JIN	2,834,238
XU, HUA	2,834,270	ZHANG, QINSONG	2,834,290
XU, HUA	2,834,504	ZHANG, QINSONG	2,834,292
XU, HUA	2,834,627	ZHANG, XIA	2,834,581
XU, KAI	2,834,376	ZHANG, YAN	2,834,552
XU, LI-AN	2,834,552	ZHANG, YAN-LING	2,834,548
XU, MING	2,834,436	ZHANG, YONGKE	2,834,404
XU, XIAOMING	2,833,956	ZHANG, YOUHE	2,834,357
XUE, LIAN	2,833,797	ZHANG, ZHI	2,834,436
XYLEM IP HOLDINGS LLC	2,834,038	ZHAO, JING	2,834,243
YAGUDAEV, MICHAEL	2,834,296	ZHAO, YONGHUA	2,834,289
YAMABE, TAKUJIRO	2,834,567	ZHONG, HAOHAO	2,834,113
YAMAGUCHI, MASAYA	2,834,017	ZHONG, JIPING	2,833,797
YAMAWAKI, HISAKI	2,834,412	ZHONG, YANG	2,834,261
YAMAZAKI, DAIEI	2,834,337	ZHOU, DONGFANG	2,834,290
YAMAZAKI, TAKEHIKO	2,834,255	ZHOU, DONGFANG	2,834,292
YAMAZAKI, TOMOHIDE	2,834,243	ZHOU, HUA	2,834,604
YANAGIBASHI, TAKUJI	2,834,361	ZHOU, MING	2,833,956
YANASE, NAOHIRO	2,834,471	ZHOU, RENDAO	2,834,441
YANG, JINGFENG	2,834,131	ZHOU, XIN	2,834,372
YANG, LIPING	2,834,062	ZHU, WEIMIN	2,834,404
YANG, XIAODONG	2,834,290	ZHU, ZUOFENG	2,834,581
YANG, XIAODONG	2,834,292	ZIEN, JACOB DANIEL	2,834,363
YANTAI RONGCHANG		ZIMMER, INC.	2,824,527
BIOTECHNOLOGIES CO.,		ZOU, ZHIYONG	2,834,290
LTD.	2,834,584	ZWEBER, BENJAMIN E.	2,834,509
YAP, SHEEN	2,834,334	□PI□EK, RADEK	2,833,946
YAZAWA, MITSUHIRO	2,834,136		
YEP, GREGORY LEE	2,833,926		

# Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

## Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

AAA SALES & ENGINEERING, INC.	2,831,037	FISCHER, REINER	2,833,704	LUO, TAO	2,832,015
ABBOTT MEDICAL OPTICS INC.	2,830,583	FISH, EDMUND J.	2,831,132	MACMAHON, JOHN	2,833,483
ABELLO, JOSE FRANCISCO	2,831,502	FOX, ROBERT	2,831,366	MACMAHON, JOHN	2,833,484
AITCHISON, TREVOR	2,830,935	FRANK'S INTERNATIONAL, INC.	2,833,524	MACOM, THOMAS E.	2,833,704
ALSTOM TECHNOLOGY LTD	2,830,686	GARIBAY, RAFAEL	2,833,844	MAESTAS, DAVID EDWARD	2,833,581
AMELSBERG, ANDREE	2,833,706	GLADBACH, ALEXANDRA	2,833,704	MARCZOK, PETER	2,833,704
AMELSBERG, ANDREE	2,833,852	GOODWIN, ANTHONY R.H.	2,833,576	MARK, MICHAEL	2,833,705
ANGELLE, JEREMY R.	2,833,524	GUAN, E.	2,830,554	MARKS, JOEL S.	2,831,510
BACKSTROM, TORBJORN	2,833,976	HALLIDAY, ANDREW	2,833,483	MARTIN, HENRY	2,833,483
BAN, FUQIANG	2,833,783	HALLIDAY, ANDREW	2,833,484	MARTIN, HENRY	2,833,484
BARDEN, CHRIS	2,833,783	HAMADA, MASA	2,831,202	MARTIN, VOLKER	2,830,919
BARON, GERHARD	2,833,704	HART, BRIAN T.	2,833,710	MATTISON, GLENN D.	2,830,686
BAUM, ANKE	2,833,706	HART, RICHARD D.	2,833,710	MCALISTER TECHNOLOGIES, LLC	2,832,055
BAUM, ANKE	2,833,852	HEFLIN, R. ALLAN	2,830,935	MCALISTER, ROY E.	2,832,055
BAYER CROPSCIENCE AG	2,833,704	HELLBAUM, RICHARD	2,831,366	MCGRATH, JAMES E.	2,831,518
BECTON, DICKINSON AND COMPANY	2,830,554	HENNEBERRY, ANETTE	2,833,783	MCMASTER, CHRISTOPHER	2,833,783
BERTI, FRANCESCO	2,830,588	HESSION, JOHN A.	2,832,962	MEDEIROS, DAVID E.	2,832,962
BERUBE, ARTHUR A.	2,833,710	HEYDEN, THOMAS J.	2,831,037	MEIJI SEIKA PHARMA CO., LTD.	2,831,202
BIRMINGHAM, JAMES W.	2,830,686	HIGH, JAMES	2,831,366	MIRICK, PAUL	2,831,366
BLACKWELL, ARSHAVIR	2,833,358	HIMMELSBACH, FRANK	2,833,705	MIYAKE, TOSHIAKI	2,831,202
BLACKWELL, ARSHAVIR	2,833,359	HOLM CHRISTENSEN, BERGE	2,831,082	MORRIS, CLAUDIA R.	2,833,559
BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2,833,705	HOLM GERLACH, LENA	2,831,082	MOSING, DONALD E.	2,833,524
BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2,833,706	HOOPER, JOHN A.	2,831,037	NASH, KEVIN	2,833,844
BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2,833,852	HUNKELER, TERESA JOANNE	2,831,170	NOVARTIS VACCINES AND DIAGNOSTICS S.R.L.	2,830,588
BRANDOM, DONALD K.	2,831,518	IGARASHI, MASAYUKI	2,831,202	O'BOYLE, KEVIN J.	2,830,686
BRITTO, JAMES J.	2,832,962	INBICON A/S	2,831,082	PANESAR, SATWINDER	2,833,483
BRYANT, ROBERT	2,831,366	INTERDIGITAL TECHNOLOGY CORPORATION	2,831,170	PANESAR, SATWINDER	2,833,484
BYERS, DAVID	2,833,783	IZNAGA, ERNESTO JUAN	2,831,502	PARK, HUYN WOOK	2,830,878
CARTER, STEVEN	2,833,483	JALINK, ANTONY	2,831,366	PARKSON CORPORATION	2,831,502
CARTER, STEVEN	2,833,484	JOHNSON & JOHNSON GMBH	2,832,603	PEREZ, ENCARNA	2,832,603
CGG SERVICES SA	2,831,246	JU, GANG	2,830,554	PIANTEDOSI, STEVE	2,833,710
CHILDREN'S HOSPITAL & RESEARCH CENTER AT OAKLAND	2,833,559	KADZIAUSKAS, KENNETH E.	2,830,583	POMMER, STIG	2,830,685
CONNORS, JAMES A., JR.	2,832,962	KALAPUTAPU, RAVI	2,833,358	QUALCOMM INCORPORATED	2,832,015
COOPER, BRIAN LOUIS	2,833,581	KALAPUTAPU, RAVI	2,833,359	QUINN, MICHAEL	2,830,554
DEVAND, SACHIN	2,833,358	KAUSCH, ALBERT P.	2,833,703	RAGAGNIN, GIANNA	2,833,976
DEVAND, SACHIN	2,833,359	KRAFT FOODS R & D, INC.	2,833,483	RAHMAN, SHAMIM AKBAR	2,831,170
DICK, STEPHEN G.	2,831,170	KRAFT FOODS R & D, INC.	2,833,484	RECKMANN, USO	2,833,704
DOLE FRESH VEGETABLES, INC.	2,833,844	KREUGER, STEPHEN	2,833,704	REITZ, GREGORY P.	2,831,037
DOWLING, JAMES	2,833,710	KULLMAN, MARCUS	2,830,685	REVA MEDICAL, INC.	2,831,518
DOWNTON, GEOFF	2,833,003	LARSSON, BJORN	2,830,685	ROBERTS, ANDREW	2,832,603
DUGI, KLAUS	2,833,705	LEBER, LELAND C.	2,833,476	ROCKLEY, PAUL W.	2,830,583
DYS, GEORGE S.	2,832,962	LEE, LAWRENCE	2,833,003	ROYALTY, REED NATHAN	2,833,704
ENONOMOU, ANTHONY	2,830,554	LEE, YUNG LYUL	2,830,878	RUDOLF, MARIAN	2,831,170
EXTREME SURFACE PROTECTION LTD.	2,830,935	LIFF, HAROLD J.	2,833,710	SALAKER, ALLAN	2,830,685
FACEBOOK, INC.	2,831,132	LIND, MATS	2,830,685	SAMSUNG ELECTRONICS CO., LTD.	2,830,878
		LITTLE, BRUCE	2,831,366	SANWALD, ERICH	2,833,704
		LLOYD, ADAM	2,833,483	SCA HYGIENE PRODUCTS AB	2,830,685
		LLOYD, ADAM	2,833,484	SCHAFFER, MARK	2,830,583
		LUCIDMEDIA NETWORKS, INC.	2,833,358	SCHILLER, ERIC	2,830,554
		LUCIDMEDIA NETWORKS, INC.	2,833,359	SCHLUMBERGER CANADA LIMITED	2,833,003

## Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

SCHLUMBERGER CANADA LIMITED	2,833,576
SCHMID, ERIC V.	2,831,518
SCHULTZ, ROBERT K.	2,831,518
SEEBALD, JAMES D.	2,830,686
SELLEW, PETER	2,833,703
SHITARA, TETSUO	2,831,202
SOLCA, FLAVIO	2,833,706
SOLCA, FLAVIO	2,833,852
SOUBARAS, ROBERT	2,831,246
SRAVANAPUDI, AJAY	2,833,358
SRAVANAPUDI, AJAY	2,833,359
STEHLE, GERD	2,833,706
STEHLE, GERD	2,833,852
STOUT, SCOTT G.	2,833,710
SUTLER, MICHAEL BRANDON	2,833,358
SUTLER, MICHAEL BRANDON	2,833,359
SUTTON, PAUL	2,833,483
SUTTON, PAUL	2,833,484
TAKAHASHI, YOSHIAKI	2,831,202
TECHGUARD SECURITY LLC	2,833,581
TELEPHARMACY SOLUTIONS, INC.	2,833,710
THE FIRST YEARS INC.	2,832,962
THE GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	2,831,366
THIBODEAUX, ROBERT L.	2,833,524
THOMAS, JIM	2,831,037
TORRES, JOHANNA	2,830,554
TRODAT GMBH	2,830,919
UMECRINE AB	2,833,976
UNGER, HELMUT	2,830,685
VAN MEEL, JACOBUS C. A.	2,833,852
VAN MEEL, JACOBUS C.A.	2,833,706
VAN WAETERMEULEN, XAVIER ALAIN MARIER	2,833,704
VENTURA, LEON	2,833,844
VOLOAGRI GROUP, INC.	2,833,703
WATER PIK, INC.	2,833,476
WEAVER, DONALD	2,833,783
WILKIE, WILLIAM	2,831,366
WORKTOOLS, INC.	2,831,510
WU, FAN	2,833,783
Z Aidan HOJIN BISEIBUTSU KAGAKU KENKYU KAI	2,831,202
ZEHETNER, MARKUS	2,830,919
ZELTINGER, JOAN	2,831,518
ZIESE, LOWELL B.	2,831,037
ZINDL, PETER	2,830,919