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# The Patent Office Record

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# THE CANADIAN PATENT OFFICE RECORD

# LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte  
Commissioner of Patents

Sylvain Laporte  
Commissaire aux brevets

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

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

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

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

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# Notices

# Avis

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

### Dates

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

### Code Numerals

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

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

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

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

### Dates

Toutes dates figurant aux en-têtes 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 en-têtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'indentification 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

## Avis

### 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/patents-der](http://www.strategis.ic.gc.ca/patents-der)) 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 mégaoctets qui excède 7 mégaoctets, 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.

## Notices

### 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on 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 on 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 peut être 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**

## Avis

### 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 September 1st, 2012

<b>1. Transmittal Fee (Rule 14)</b>	<b>\$300</b>
<b>2. International Filing Fee</b>	<b>\$1445*</b>
For each additional sheet over 30	<b>\$16</b>

### 3. International Search Fee

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.

### 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 1er septembre 2012

<b>1. Taxe de transmission (Règle 14)</b>	<b>300 \$</b>
<b>2. Taxe de dépôt internationale</b>	<b>1445 \$*</b>
Pour chaque feuille au delà de 30	<b>16 \$</b>

### 3. Taxe de recherche internationale

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

## Notices

Failure to pay the fees will result in the withdrawal of the application by the receiving office.

### 4. Late payment fee

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

délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

### 4. Taxe pour paiement tardif

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

## Preliminary Examination

### 5. Handling fee (Rule 57.2(a))

\$217

### 6. Preliminary examination fee (Rule 58)

\$800

\* International fees will be reduced by:

- **\$109** for all applications filed using PCT-EASY,
- **\$217** for all applications filed electronically using PCT-SAFE (The request in character coded format).
- **\$326** for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

## Examen préliminaire

### 5. Taxe de traitement (Règle 57.2a))

217 \$

### 6. Taxe d'examen préliminaire (Règle 58)

800 \$

\* Les frais seront réduits de:

- **\$109** pour toutes les demandes déposées en utilisant PCT-EASY,
- **\$217** pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- **\$326** pour toutes les demandes déposées en utilisant PCT-SAFE (La requête, la description, les revendications et l'abrégué étant en format à codage de caractères).

## 12. PCT notices

### Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively. Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at Information Products Section, Post Office Box 18, 1211 Geneva 20, Switzerland, Telephone (011 41 22) 338-9618, Facsimile (011 41 22) 740-1812 or by "E-mail" ([publications.mail@wipo.int](mailto:publications.mail@wipo.int)) or visit their Web site ([www.wipo.int](http://www.wipo.int)).

## 12. Avis PCT

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

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement. Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel ([publications.mail@wipo.int](mailto:publications.mail@wipo.int)) ou visiter leur site Web ([www.wipo.int](http://www.wipo.int)).

## Avis

### 13. Practice notice

#### STATUTORY HOLIDAYS

**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, Quebec; 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, Quebec.

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

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

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are deliv-

### 13. Énoncé de pratique

#### JOURS FÉRIÉS

**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

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ered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

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:

(i) on which such Office or organization is not open to the public for the purposes of the transaction of official business;

(ii) on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

(iii) 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

(iv) 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:

*Loi sur les dessins industriels, la Loi sur le droit d'auteur ou la Loi sur les topographies de circuits intégrés.*

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

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

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

iii) 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

iv) 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:

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- 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

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:

- 1) All Saturdays and Sundays
- 2) \*New Year's Day (Jan. 1)
- 3) Good Friday
- 4) Easter Monday
- 5) Victoria Day - First Monday immediately preceding May 25
- 6) \*St. John the Baptist Day (June 24)
- 7) \*Canada Day (July 1)
- 8) Labour Day - First Monday in September
- 9) Thanksgiving Day - Second Monday in October
- 10) \*Remembrance Day (November 11)
- 11) \*Christmas Day (December 25)
- 12) 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.

- 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

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 :

- 1) Tous les samedi et dimanche
- 2) \*Jour de l'An (1er janvier)
- 3) Vendredi Saint
- 4) Lundi de Pâques
- 5) Fête de Victoria - premier lundi précédent immédiatement le 25 mai
- 6) \*Saint-Jean-Baptiste (le 24 juin)
- 7) \*Fête du Canada (1er juillet)
- 8) Fête du travail - premier lundi de septembre
- 9) Jour de l'Action de grâces - deuxième lundi d'octobre
- 10) \*Jour du souvenir (11 novembre)
- 11) \*Jour de Noël (25 décembre)
- 12) 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. 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 incon-*

## 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 diver-*

## Notices

sistency between this notice and the applicable legislation, the legislation must be followed.

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 *Trademark 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.

gence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.

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.

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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.

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).

## 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](#).

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*.

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. 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.**

Note : 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 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

Édifice 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.

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

### 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.

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

### 2. Service Courier 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 Courier 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 Courier 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.

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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'envoie. 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 89bis, 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 envoyés 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 89bis 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***

#### **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 œuvre;](#)
- [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 702 of Part 7 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 discréption 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 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 de 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

- \* 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 ½" by 11"
- Resolution of 300 dpi

### Photographs in JPEG Format:

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.

### 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

### Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)

## Notices

- 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. 2013 Patent Agent Examination

Under the provisions of subsection 14(2) of the Patent Rules, notice is hereby given that the 2013 examination will be held on April 23, 24, 25, and 26, 2013.

A person who proposes to sit for the examination must notify the Commissioner of Patents in writing, file an affidavit or statutory declaration referred to in subsection 12(2) of the Patent Rules and pay the prescribed fee (\$200 per paper).

The deadline to apply, submit the affidavit or statutory declaration and pay the fee is November 30, 2012. When applying, it is essential to indicate which paper(s) will be written.

For more information, please contact [Marc Hunt](#).

### 17. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of November 6, 2012 contains applications open to public inspection from October 14, 2012 to October 20, 2012

- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 ½ 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. Examen d'agents de brevets 2013

Selon les dispositions du paragraphe 14(2) des Règles sur les brevets, avis est par la présente donné que l'examen de 2013 aura lieu les 23, 24, 25 et 26 avril 2013.

Une personne désireuse de subir l'examen doit en aviser le commissaire aux brevets par écrit, remettre un affidavit ou une déclaration solennelle visé au paragraphe 12(2) des Règles sur les brevets et verser la taxe prévue ( 200 \$ par épreuve).

La date limite pour présenter sa demande, remettre l'affidavit ou la déclaration solennelle et verser la taxe est le 30 novembre 2012. Lorsqu'on présente sa demande, il faut indiquer quelle(s) épreuve(s) on écrira.

Pour de plus amples renseignements, veuillez communiquer avec [Marc Hunt](#).

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

Ce numéro de la *Gazette du bureau des brevets* contient les demandes disponibles au public pour consultation pour la période du 14 novembre 2012 au 20 novembre 2012

## **Avis**

# Canadian Patents Issued

November 6, 2012

## Brevets canadiens délivrés

6 novembre 2012

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[11] 2,288,801

[13] C

[51] Int.Cl. G01N 15/14 (2006.01) C12M 1/34 (2006.01) C12Q 1/00 (2006.01) C12Q 1/06 (2006.01) G01N 15/00 (2006.01) G01N 15/06 (2006.01) G01N 21/00 (2006.01) G01N 21/49 (2006.01) G01N 21/64 (2006.01) G01N 21/65 (2006.01) G01N 24/00 (2006.01) G01N 24/08 (2006.01) G01N 27/12 (2006.01) G01N 33/04 (2006.01) G01N 33/48 (2006.01) G01N 33/483 (2006.01) G01N 33/487 (2006.01) G06M 11/00 (2006.01)  
[25] EN  
[54] A METHOD AND A SYSTEM FOR DETERMINATION OF PARTICLES IN A LIQUID SAMPLE  
[54] PROCEDE ET SYSTEME POUR DETERMINER DES PARTICULES DANS UN ECHANTILLON LIQUIDE  
[72] ARNVIDARSON, BORKUR, DK  
[72] JEPPESEN, JESPER MYRON, DK  
[72] HANSEN, FRANS EJNER RAVN, DK  
[72] GLENSBJERG, MARTIN, DK  
[73] CHEMOMETEC A/S, DK  
[85] 1999-11-02  
[86] 1998-05-05 (PCT/DK1998/000175)  
[87] (WO1998/050777)  
[30] DK (0509/97) 1997-05-05  
[30] DK (1431/97) 1997-12-09

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[11] 2,299,881

[13] C

[51] Int.Cl. G01N 21/59 (2006.01) C01B 11/02 (2006.01) G01N 21/55 (2006.01) G01N 21/61 (2006.01)  
[25] EN  
[54] METHOD AND APPARATUS FOR PHOTOMETRIC ANALYSIS OF CHLORINE DIOXIDE SOLUTIONS  
[54] METHODE ET APPAREIL D'ANALYSE PHOTOMETRIQUE DE SOLUTIONS DE DIOXYDE DE CHLORE  
[72] CAMPBELL, KURTLAND SCOTT, US  
[72] HILDEBRAND, DAVID AUGUST, US  
[73] OCCIDENTAL CHEMICAL CORPORATION, US  
[22] 2000-03-01  
[30] US (09/260,801) 1999-03-02

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[11] 2,302,743

[13] C

[51] Int.Cl. A61K 31/35 (2006.01) A23L 1/30 (2006.01) A23L 2/02 (2006.01) A61K 31/045 (2006.01) A61K 31/16 (2006.01) A61K 31/715 (2006.01) C07D 311/62 (2006.01) C07D 493/08 (2006.01)  
[25] EN  
[54] PLANT PROANTHOCYANIDIN EXTRACT EFFECTIVE AT INHIBITING ADHERENCE OF BACTERIA WITH P-TYPE FIMBRIAE TO SURFACES  
[54] EXTRAIT DE PROANTHOCYANIDINE D'ORIGINE VEGETALE EMPECHANT EFFICACEMENT UNE ADHERENCE DE BACTERIES A FIMBRIAE DE TYPE P A DES SURFACES  
[72] HOWELL, AMY B., US  
[72] VORSA, NICHOLI, US  
[73] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US  
[85] 2000-03-08  
[86] 1998-09-02 (PCT/US1998/018267)  
[87] (WO1999/012541)  
[30] US (60/058,307) 1997-09-09

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[11] 2,305,630

[13] C

[51] Int.Cl. C12N 15/12 (2006.01) A61K 38/00 (2006.01) A61K 38/17 (2006.01) A61K 39/00 (2006.01) C07K 14/725 (2006.01) C07K 19/00 (2006.01) C12N 15/62 (2006.01) C12P 21/08 (2006.01)  
[25] EN  
[54] SOLUBLE SINGLE-CHAIN T-CELL RECEPTOR PROTEINS  
[54] PROTEINES SOLUBLES DU RECEPTEUR DES LYMPHOCYTES T A CHAINE UNIQUE  
[72] WONG, HING C., US  
[72] CARD, KIMBERLYN F., US  
[72] WEIDANZ, JON A., US  
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[54] RECORDING MEDIUM HAVING DATA STRUCTURE FOR MANAGING REPRODUCTION OF SLIDESHOWS RECORDED THEREON AND RECORDING AND REPRODUCING METHODS AND APPARATUSES  
[54] SUPPORT D'ENREGISTREMENT PRÉSENTANT UNE STRUCTURE DE DONNEES PERMETTANT DE GERER LA REPRODUCTION DE DIAPORAMA Y ETANT ENREGISTRÉES ET PROCEDES ET APPAREILS D'ENREGISTREMENT ET DE REPRODUCTION ASSOCIES  
[72] SEO, KANG SOO, KR  
[72] UM, SOUNG HYUN, KR  
[72] KIM, BYUNG JIN, KR  
[72] PARK, SUNG WAN, KR  
[73] LG ELECTRONICS INC., KR  
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[25] EN  
[54] RECORDING MEDIUM HAVING DATA STRUCTURE FOR MANAGING REPRODUCTION OF STILL IMAGES RECORDED THEREON AND RECORDING AND REPRODUCING METHODS AND APPARATUSES  
[54] SUPPORT D'ENREGISTREMENT COMPORTANT UNE STRUCTURE DE DONNEES SERVANT A GERER LA LECTURE D'IMAGES FIXES ENREGISTREES SUR LE SUPPORT D'ENREGISTREMENT ET PROCEDES ET DISPOSITIFS D'ENREGISTREMENT ET DE LECTURE CORRESPONDANTS  
[72] PARK, SUNG WAN, KR  
[72] KIM, BYUNG JIN, KR  
[72] SEO, KANG SOO, KR  
[72] UM, SOUNG HYUN, KR  
[73] LG ELECTRONICS INC., KR  
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[54] RECORDING MEDIUM HAVING DATA STRUCTURE OF PLAYLIST MARKS FOR MANAGING REPRODUCTION OF STILL IMAGES RECORDED THEREON AND RECORDING AND REPRODUCING METHODS AND APPARATUSES  
[54] SUPPORT D'ENREGISTREMENT A STRUCTURE DE DONNEES POUR MARQUES CORRESPONDANT A UNE LISTE DE LECTURE, POUR LA GESTION DE LA REPRODUCTION D'IMAGES FIXES ENREGISTREES SUR LE SUPPORT, ET PROCEDES ET DISPOSITIFS D'ENREGISTREMENT ET DE REPRODUCTION  
[72] SEO, KANG SOO, KR  
[72] PARK, SUNG WAN, KR  
[72] UM, SOUNG HYUN, KR  
[72] KIM, BYUNG JIN, KR  
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[54] RECORDING MEDIUM HAVING DATA STRUCTURE FOR MANAGING REPRODUCTION OF STILL IMAGES RECORDED THEREON AND RECORDING AND REPRODUCING METHODS AND APPARATUSES  
[54] SUPPORT D'ENREGISTREMENT PRESENTANT UNE STRUCTURE DE DONNEES GERANT LA REPRODUCTION D'IMAGES FIXES Y ETANT ENREGISTREES, ET PROCEDES ET APPAREILS D'ENREGISTREMENT ET DE REPRODUCTION  
[72] UM, SOUNG HYUN, KR  
[72] PARK, SUNG WAN, KR  
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[72] SEO, KANG SOO, KR  
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[54] POINT D'ORIFICE D'INJECTION SOUS-CUTANEE AUTOFIXATEUR A ELEMENTS DE RETENUE MOBILES INTEGRAUX  
[72] NUCHOLS, RICHARD P., US  
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[72] CONLON, SEAN P., US  
[72] HUNT, JOHN V., US  
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[54] PROCEDE DE COMPRESSION, DE TRANSMISSION, DE DECOMPRESSION ET D'AFFICHAGE VIDEO/AUDIO EN TEMPS REEL AU MOYEN D'UN LOGICIEL  
[72] DECEGAMA, ANGEL, US  
[73] AMOF ADVANCE LIMITED LIABILITY COMPANY, US  
[85] 2004-08-18  
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[72] SHIRAKI, KIMIYASU, JP  
[72] KUROKAWA, MASAHIKO, JP  
[72] TAMURA, YOSHITAKA, JP  
[72] SHIN, KOUICHIROU, JP  
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[72] BRANDTS, JIM ALOYSIUS MARIA, NL  
[73] ENGELHARD CORPORATION, US  
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[25] EN  
[54] COMPOSITION FOR CYTOKOMPATIBLE, INJECTABLE, SELF-GELLING CHITOSAN SOLUTIONS FOR ENCAPSULATING AND DELIVERING LIVE CELLS OR BIOLOGICALLY ACTIVE FACTORS  
[54] COMPOSITION POUR SOLUTIONS DE CHITOSANE CYTOKOMPATIBLES, INJECTABLES ET AUTO-GELIFIANTES DESTINEES A L'ENCAPSULATION ET A L'ADMINISTRATION DE CELLULES VIVANTES OU DE FACTEURS BIOLOGIQUEMENT ACTIFS  
[72] CHENITE, ABDELLATIF, CA  
[72] SUN, JUN, CA  
[72] BUSCHMANN, MICHAEL D., CA  
[72] HOEMANN, CAROLINE, CA  
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[54] TECHNIQUE DE CULTURE DE CELLULES PRIMAIRES ET D'AMPLIFICATION DE VIRUS DANS UN ENVIRONNEMENT EXEMPT DE SERUM  
[72] HELLER, KARL, DE  
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[54] SYSTEME ET PROCEDE PERMETTANT A UNE INTERFACE ET A UN UTILISATEUR D'ETRE INFORMES DES ELEMENTS D'INTERFACE PRESENTS  
[72] BURNS, HEATHER S., US  
[72] SINCLAIR, ROBERT E., US  
[72] REID, PAUL J., US  
[72] WAGONER, PATRICIA M., US  
[72] MCKEON, BRENDAN, US  
[73] MICROSOFT CORPORATION, US  
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[72] FEUERBACH, DOMINIK, DE  
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[54] ADHESIFS THERMOFUSIBLES POLYURETHANNES REACTIFS A LARGE PLAGUE D'ADHESION  
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 [54] MICROSPHERES ANTIBIOTIQUES POUR LE TRAITEMENT D'INFECTIONS ET DE L'OSTEOMYELITE  
 [72] CLYBURN, TERRY A., US  
 [72] MIKOS, ANTONIOS G., US  
 [72] AMBROSE, CATHERINE G., US  
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**[54] SYSTEME, PROCEDE ET PROGRAMME INFORMATIQUE POUR LES TELECONFERENCES VIDEO ET LES PRESENTATIONS MULTIMEDIAS**  
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[72] CACENCO, MICHAEL, CA  
[73] RESEARCH IN MOTION LIMITED, CA  
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 [72] HALBLAENDER, TONY, DE  
 [72] REINHEIMER, ERIC, DE  
 [72] FUCHS, WOLFGANG, DE  
 [72] WICKER, MICHAEL, DE  
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 [72] SPIESS, ANDREAS, DE  
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[72] ZANUSSO, UMBERTO, IT

[72] FANTUZZI, MASSIMILIANO, IT

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[72] GUNNINGHAM, MICHAEL CASPAR, NL

[72] WORRALL, ROBERT NICHOLAS, NL

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[54] AMPOULES ELECTRIQUES A DIODES ELECTROLUMINESCENTES (DEL)

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 [72] LAMBERT, JOHN NICHOLAS, AU  
 [72] SANFORD, VANESSA ANNE, AU  
 [72] BOND, SILAS, AU  
 [72] LIM, CHIN YU, AU  
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 [72] FELLINGER, THOMAS JOHN, US  
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[72] HIRAGA, TAKASHI, JP  
[72] TANIGAKI, NOBUTAKA, JP  
[72] TANAKA, NORIO, JP  
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[54] BRAS ARTICULE MONTE SUR UN VEHICULE POUR LE DECHARGEMENT DES BACS  
[72] FORTIN, CLERMONT, CA  
[72] BOUFFARD, GERARD, CA  
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[25] EN  
[54] HIGHLY DURABLE POROUS PVDF FILM, METHOD OF PRODUCING THE SAME, AND WASHING METHOD AND FILTERING METHOD USING THE SAME  
[54] FILM EN PVDF POREUX HAUTEMENT DURABLE, METHODE POUR LE PRODUIRE, METHODE DE LAVAGE ET METHODE DE FILTRATION AVEC CE FILM  
[72] HATTORI, MAKIKO, JP  
[72] OHYA, HIROYOSHI, JP  
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[72] STUART, VINCENT JOSEPH, CA  
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CLOSED-LOOP COOLING CIRCUIT  
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[54] DISPOSITIF ELECTRONIQUE PORTATIF SERVANT A AFFICHER DES IMAGES ET SA METHODE D'EXPLOITATION  
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[72] MONTAN, NILS JOHAN PETTER, SE  
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[72] GOLOVCHENKO, OLEKSIY, CA  
[72] JABER, ISAM, CA  
[72] CARTER, CHARLES ASHTON GARRET, CA  
[72] BROWN, STEPHEN JOHN, CA  
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[25] EN  
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[54] PALETTIER MODULAIRE  
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[71] MARIANI, FABIO, CA  
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[72] VICCARIS, DEBORAH, CA
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[72] HU, SHENGPING, CN
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[54] GANT PROTECTEUR POUR LE SPORT
[72] KROCHAK, JENNIFER L., CA
[72] KROCHAK, DARRYL D., CA
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[54] STRUCTURE SOUS-MARINE POUR TUYAUX/ENSEMBLES DE TUYAUX
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[72] HALDORSEN, RONNY, NO
[72] PEDERSEN, TERJE, NO
[72] NAMORK, PHILLIP, NO
[72] LOENNEMO, ULF, NO
[72] LILLEJORDDET, PER, NO
[71] NEMO ENGINEERING AS, NO
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**[54] SYSTEME DE GESTION DE DECHETS ALIMENTAIRES**  
 [72] SLANINA, JAMES, US  
 [71] 2245396 ONTARIO INC., CA  
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**[54] ENSEMBLE CHAUFFERETTE A RESISTANCE ELECTRIQUE ET METHODE D'UTILISATION CONNEXE**  
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 [71] TUTCO, INC., US  
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**[54] VERROU AVEC GOUPILLE ET GORGE**  
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**[54] ROBINET MELANGEUR**  
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 [72] THOMAS, KURT JUDSON, US  
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**[54] SYSTEME ET PROCEDE DE PARTAGE INTELLIGENT DES DONNEES POUR FONCTIONS EVOLUEES SUR DES PLATEFORMES MOBILES**  
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 [72] SOUNDRAPANDIAN, SURIYAPRAKASH, US  
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 [25] EN  
**[54] WASTEWATER TREATMENT SYSTEM**  
**[54] SYSTEME DE TRAITEMENT D'EAUX USEES**  
 [72] GRAVES, GREGORY D., US  
 [71] GRAVES, GREGORY D., US  
 [22] 2011-08-31  
 [41] 2012-10-14  
 [30] US (13/086,668) 2011-04-14

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 [25] EN  
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**[54] APPROVISIONNEMENT GRACE A UNE CONFIGURATION GENERIQUE**  
 [72] WENDT, CHRIS, US  
 [72] KLATSKY, CARL, US  
 [72] ZARCOME, CHRISTOPHER, US  
 [72] CHAUDHARI, MANOJ, US  
 [71] COMCAST CABLE COMMUNICATIONS, LLC, US  
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**[54] SYSTEME DE MONTAGE D'UN DISPOSITIF DE CHAUFFAGE**  
 [72] PERSSON, ROBERT E., US  
 [71] MODINE MANUFACTURING COMPANY, US  
 [22] 2011-09-29  
 [41] 2012-10-18  
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**[54] PRODUITS "BODYLURE"**  
 [72] ELLENDT, ANNETTE, CA  
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 [22] 2011-11-15  
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 [72] GUPTAIL, WILLIAM G., US  
 [72] WIECHMANN, STEVE C., US  
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 [54] METHODES ET SYSTEMES DE MESURE D'OUVERTURE PAR PHOTOGRAMMETRIE  
 [72] LEMMONS, CLAYTON WYATT, US  
 [71] THE BOEING COMPANY, US  
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[51] Int.Cl. G07B 15/06 (2011.01)  
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 [54] METHODE DE DETECTION DES FRANCHISSEMENTS DE FRONTIERES  
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 [71] KAPSCH TRAFFICOM AG, AT  
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 [54] METHODE DE FACTURATION DES UTILISATIONS DE POSITION  
 [72] NAMDAR, NADER, AT  
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 [54] STRUCTURE A POUTRE LEGERE  
 [72] PIEMONTE, GREGORY, US  
 [71] LOCKHEED MARTIN CORPORATION, US  
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[51] Int.Cl. A01G 9/14 (2006.01)  
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 [54] PELLICULE PLASTIQUE MULTICOUCHE AVEC COUCHE SEPARABLE POUR RECOUVRIR UNE SERRE GONFLABLE  
 [72] LEMPIDAKIS, IOANNIS, GR  
 [72] LEMPIDAKIS, EMMANOUIL, GR  
 [72] LEMPIDAKIS, MICHALI, GR  
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 [25] EN  
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**[54] SYSTEME DE DISITRIBUTION DU CARBURANT POUR MOTEUR D'AERONEF**  
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 [72] VERSAILLES, RICHARD E., US  
 [71] HAMILTON SUNDSTRAND CORPORATION, US  
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**[54] JOUET DEGRADABLE A MACHER POUR ANIMAL ET METHODE DE FABRICATION DE CELUI-CI**  
 [72] URBINA, AUGUSTO, CO  
 [72] MENDAL, ISAAC, US  
 [71] SALIX ANIMAL HEALTH, LLC, US  
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 [41] 2012-10-15  
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 [51] Int.Cl. E04F 17/02 (2006.01) D06F 58/20 (2006.01) E06B 5/00 (2006.01) F16K 1/20 (2006.01) F24C 15/20 (2006.01) F24F 13/02 (2006.01)  
 [25] EN  
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 [72] RAMSAY, LINDA, CA  
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**[54] SYSTEME DE RECUPERATION DE CO2 ET METHODE DE RECUPERATION POUR DU CO2 GAZEUX CONTENANT DE L'EAU**  
 [72] IJIMA, MASAKI, JP  
 [71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
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 [72] LEUNG, KWOK CHING, CA  
 [71] RESEARCH IN MOTION LIMITED, CA  
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 [51] Int.Cl. E02D 5/74 (2006.01) E02D 5/80 (2006.01)  
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 [72] GRIFFITHS, SCOTT, EUGENE, US  
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 [51] Int.Cl. G06F 21/00 (2006.01)  
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 [72] BRADLEY, CHARLES B., II, US  
 [71] RAYTHEON COMPANY, US  
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 [25] EN  
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**[54] METHODE ET PROMOTEUR DE TRAITEMENT PAR ONDE ELECTROMAGNETIQUE**  
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 [25] EN  
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 [72] GAO, JOHNWAY, US  
 [72] LEVIE, BENJAMIN, US  
 [71] CATCHLIGHT ENERGY LLC, US  
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 [54] LEST INTERIEUR PLUS LOURD QUE L'AIR  
 [72] SILER, ALEX, US  
 [72] PIINI, NICHOLAS, US  
 [72] FAHEY, CAITLYN, US  
 [72] KINKOPF, JOSEPH, US  
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 [54] COMMUTATEUR DE TRANSFERT POUR LA COMMUTATION AUTOMATIQUE ENTRE UNE SOURCE D'ENERGIE ALTERNATIVE ET UN RESEAU ELECTRIQUE  
 [72] CZARNECKI, NEIL A., US  
 [71] RELIANCE CONTROLS CORPORATION, US  
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 [51] Int.Cl. A61B 17/34 (2006.01) A61B 1/018 (2006.01) A61B 1/07 (2006.01)  
 [25] EN  
 [54] TROCAR WITH INTERGRATED LIGHT AND/OR SCOPE OPTICAL FIBERS  
 [54] TROCART EQUIPE D'UN DISPOSITIF D'ECLAIRAGE INTEGRE ET/OU D'UN APPAREIL D'EXAMEN VISUEL A FIBRES OPTIQUES  
 [72] MENN, DMITRI, US  
 [71] TYCO HEALTHCARE GROUP LP, US  
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 [51] Int.Cl. E21B 34/06 (2006.01) E21B 33/10 (2006.01) E21B 34/14 (2006.01) E21B 43/26 (2006.01)  
 [25] EN  
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 [54] MANCHONS BALADEURS EN GROUPES POUR TROU DE FORAGE  
 [72] ZIMMERMAN, PATRICK J., US  
 [72] DEDMAN, MICHAEL, US  
 [72] FLORES, ANTONIO B., US  
 [72] WARD, DAVID, US  
 [72] GARCIA, CESAR G., US  
 [71] WEATHERFORD/LAMB, INC., US  
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 [51] Int.Cl. B64C 23/00 (2006.01) B60R 99/00 (2009.01) B62D 37/02 (2006.01) B64C 27/467 (2006.01)  
 [25] EN  
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 [54] VOLET GURNEY ACTIF  
 [72] SHORCOTT, STEVEN, GB  
 [72] BREWER, PAUL R., GB  
 [72] RAVAL, REG R., GB  
 [71] CLAVERHAM, LTD., GB  
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 [51] Int.Cl. B64C 23/00 (2006.01) B60R 99/00 (2009.01) B62D 37/02 (2006.01) B64C 27/467 (2006.01)  
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 [51] Int.Cl. B65H 23/185 (2006.01) B65B 31/00 (2006.01) B65H 16/10 (2006.01) B65H 43/00 (2006.01) B65H 77/00 (2006.01)  
 [25] EN  
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 [54] SYSTEMES ET PROCEDES POUR LA FOURNITURE D'UN MATERIAU D'EMBALLAGE EN BANDE CONTINUE A UNE MACHINE A EMBALLER A MOUVEMENT D'INDEXATION  
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 [72] BONNEVILLE, CRAIG R., US  
 [71] ALKAR-RAPIDPAK-MP EQUIPMENT, INC., US  
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 [30] US (61/476,644) 2011-04-18  
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 [54] DEFLECTEUR D'AIR ROTATIF POUR SECHE-CHEVEUX  
 [72] HAN, KYU SANG, US  
 [72] LEE, KYOUNG HAK, US  
 [72] OH, WON SEOK, US  
 [71] KISS NAIL PRODUCTS, INC., US  
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 [54] METHODE ET SYSTEME DE SIMULATION DU DEVELOPPEMENT DES RESERVATIONS AU FIL DU TEMPS  
 [72] SCHROEDER, TOBIAS, DE  
 [72] CLEOPHAS, CATHERINE, DE  
 [72] FRIEDEMANN, MARTIN, DE  
 [72] FRANK, MICHAEL, DE  
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 [25] EN  
 [54] SYSTEM, METHOD AND APPARATUS FOR WEDGE-SHAPED, MULTI-LAYER ASPHALT ROOFING  
 [54] SYSTEME, METHODE ET APPAREIL POUR TOITURE EN ASPHALTE MULTICOUCHE EN FORME DE COIN  
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 [72] KOCH, STEPHEN A., US  
 [71] CERTAINTEED CORPORATION, US  
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 [25] EN  
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 [54] APPAREIL DE SERRAGE  
 [72] MARTIN, DAVID, US  
 [71] DELAWARE CAPITAL FORMATION, US  
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[51] Int.Cl. G01S 5/14 (2006.01) H04W 56/00 (2009.01) H04W 64/00 (2009.01)  
 [25] EN  
 [54] DETERMINATION OF STATE VECTOR, TIMING, AND NAVIGATION QUALITY METRICS FROM RECEPTION OF ADS-B TRANSMISSIONS  
 [54] DETERMINATION DU VECTEUR D'ETAT, DE LA TEMPORISATION ET DES MESURES DE LA QUALITE DE LA NAVIGATION A PARTIR DE LA RECEPTION DES TRANSMISSIONS DE L'ADS-B  
 [72] DOLAN, JOHN M., US  
 [72] LAMBERT, JOHN W., US  
 [72] MUELLER, ROBERT, US  
 [72] GARCIA, MICHAEL A., US  
 [71] EXELIS INC., US  
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 [41] 2012-10-15  
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 [13] A1

[51] Int.Cl. C25D 11/30 (2006.01) C23D 5/02 (2006.01) C25D 1/00 (2006.01)  
 [25] EN  
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 [54] PROCEDE DE PRODUCTION D'UN REVETEMENT A LA SURFACE D'UN SUBSTRAT A BASE DE METAUX LEGERS PAR OXYDATION PLASMA-ELECTROLYTIQUE  
 [72] HOECHE, DANIEL, DE  
 [72] LIANG, JUN, CN  
 [72] HUANG, YUANDING, DE  
 [72] BLAWERT, CARSTEN, DE  
 [71] HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUER MATERIAL-UND KUESTENFORSCHUNG, DE  
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 [30] DE (10 2011 007 424.4) 2011-04-14

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 [54] RECEPTEUR A DOUBLE FREQUENCE POUR POSITIONNEMENT BASE SUR SATELLITE ET METHODE DE RECEPTION ASSOCIEE  
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 [71] THALES, FR  
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 [41] 2012-10-14  
 [30] FR (11001166) 2011-04-14

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[13] A1

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[25] EN  
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[54] COMPTEUR ELECTRIQUE INTEGRE ET POSTE DE RECHARGE D'UN VEHICULE ELECTRIQUE (EVCS)  
[72] SFAELOS, JIMMY, US  
[71] GENERAL ELECTRIC COMPANY, US  
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[41] 2012-10-14  
[30] US (13/086,937) 2011-04-14

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[13] A1

[51] Int.Cl. B32B 1/08 (2006.01) B29C 70/00 (2006.01) B32B 3/08 (2006.01) E04H 12/00 (2006.01) E04H 12/02 (2006.01) F03D 11/04 (2006.01)  
[25] EN  
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[54] APPAREIL, SECTION COMPOSITE ET METHODE DE FORMATION D'UNE TOUR SUR PLACE  
[72] ZHENG, DANIAN, US  
[72] FANG, BIAO, US  
[72] WILLEY, LAWRENCE DONALD, US  
[72] QUEK, SHU CHING, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2012-04-05  
[41] 2012-10-15  
[30] US (13/087,874) 2011-04-15

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[13] A1

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[25] EN  
[54] PROCESS OF FABRICATING A SLIP RING COMPONENT, A SLIP RING COMPONENT, AND MOLDED INTERCONNECT DEVICE INCLUDING A SLIP RING COMPONENT  
[54] PROCESSUS DE FABRICATION D'UN ELEMENT DE BAGUE DE RETENUE, ELEMENT DE BAGUE DE RETENUE ET DISPOSITIF D'INTERCONNEXION MOULE (MID) MUNI D'UN ELEMENT DE BAGUE DE RETENUE  
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[72] LENKER, WILLIAM GARY, US  
[72] HOWARD, EDWARD JOHN, US  
[71] TYCO ELECTRONICS CORPORATION, US  
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[30] US (13/089,651) 2011-04-19

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[25] EN  
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[54] METHODE ET SYSTEME D'INSPECTION DE CHAMBRE D'UTILITE PUBLIQUE SOUTERRAINE  
[72] ZHAO, TIEBIN, US  
[72] PHILLIPS, ANDREW JOHN, US  
[72] ECKROAD, STEVEN WALLACE, US  
[71] ELECTRIC POWER RESEARCH INSTITUTE, INC., US  
[22] 2012-04-05  
[41] 2012-10-19  
[30] US (61/476,923) 2011-04-19  
[30] US (13/430,139) 2012-03-26

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[13] A1

[51] Int.Cl. B60N 2/28 (2006.01) A47D 1/00 (2006.01) A47D 13/02 (2006.01)  
[25] EN  
[54] CHILD SAFETY SEAT  
[54] SIEGE DE SECURITE POUR ENFANT  
[72] MASON, KYLE S., US  
[72] HUTCHINSON, JAMES M. F., US  
[71] BP CHILDREN'S PRODUCTS HK CO., LIMITED, HK  
[22] 2012-04-11  
[41] 2012-10-15  
[30] US (61/517,215) 2011-04-15  
[30] US (61/520,242) 2011-06-07  
[30] US (61/629,059) 2011-11-10

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[13] A1

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[25] EN  
[54] CONTAINER FOR PACKAGING FILLING MATERIALS AND METHOD FOR PROCESSING A WEB MATERIAL  
[54] CONTENANT POUR MATERIAUX DE REMPLISSAGE D'EMBALLAGE ET METHODE DE TRAITEMENT D'UN MATERIAU EN BANDE  
[72] GRUETERICH, KLAUS, DE  
[72] SCHWILP, AXEL, DE  
[72] KREYMBORG, MICHAEL, DE  
[71] NORDFOLIEN GMBH, DE  
[22] 2012-04-11  
[41] 2012-10-15  
[30] DE (10 2011 017 073.1) 2011-04-15

[21] **2,773,789**  
[13] A1

[51] Int.Cl. H02J 13/00 (2006.01) H04W 4/00 (2009.01)  
[25] EN  
[54] SYSTEMS AND METHOD FOR TRANSMITTING DATA IN AN ADVANCED METERING INFRASTRUCTURE  
[54] SYSTEME ET METHODE DE TRANSMISSION DE donnees DANS UNE INFRASTRUCTURE DE COMPTEURS AVANCEE  
[72] BOOT, JOHN CHRISTOPHER, US  
[72] REE, BRADLEY RICHARD, US  
[71] GENERAL ELECTRIC COMPANY, US  
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 [51] Int.Cl. H02J 7/00 (2006.01) B60L 11/18 (2006.01) B60S 5/00 (2006.01)  
 [25] EN  
**[54] CHARGING DEVICE FOR USE WITH ELECTRIC VEHICLES AND METHODS OF ASSEMBLING SAME**  
**[54] CHARGEUR UTILISE POUR LES VEHICULES ELECTRIQUES ET METHODES D'ASSEMBLAGE CONNEXES**  
 [72] YASKO, CHRISTOPHER CHARLES, US  
 [71] GENERAL ELECTRIC COMPANY, US  
 [22] 2012-04-12  
 [41] 2012-10-14  
 [30] US (13/086,899) 2011-04-14

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 [51] Int.Cl. H02M 11/00 (2006.01) H02M 3/04 (2006.01) H02M 7/68 (2006.01)  
 [25] EN  
**[54] BI-DIRECTIONAL CONVERTER VOLTAGE CONTROLLED CURRENT SOURCE FOR VOLTAGE REGULATION**  
**[54] SOURCE DE COURANT A TENSION CONTROLEE POUR CONVERTISSEUR BIDIRECTIONNEL A REGULATION DE TENSION**  
 [72] MARTINELLI, ROBERT MATTHEW, US  
 [71] THE BOEING COMPANY, US  
 [22] 2012-04-10  
 [41] 2012-10-15  
 [30] US (61/476,242) 2011-04-15

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 [13] A1  
 [51] Int.Cl. G03G 9/08 (2006.01) C08J 3/16 (2006.01)  
 [25] EN  
**[54] POLYESTER RESIN COMPRISING A BIOPOLYOL**  
**[54] RESINE DE POLYESTER COMPRENANT UN BIOPOLYOL**  
 [72] FARRUGIA, VALERIE M., CA  
 [72] ASFAW, BIRITAWIT, CA  
 [71] XEROX CORPORATION, US  
 [22] 2012-04-10  
 [41] 2012-10-15  
 [30] US (13/088,324) 2011-04-15

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 [51] Int.Cl. G02B 27/18 (2006.01) G02B 27/22 (2006.01) G07F 17/32 (2006.01) H04N 5/74 (2006.01)  
 [25] EN  
**[54] MULTI-LAYER PROJECTION DISPLAYS**  
**[54] AFFICHAGE PAR PROJECTION MULTICOUCHE**  
 [72] GRISWOLD, CHAUNCEY W., US  
 [72] MADDOX, ROBERT, US  
 [71] IGT, US  
 [22] 2012-04-12  
 [41] 2012-10-19  
 [30] US (13/089,953) 2011-04-19

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 [13] A1  
 [51] Int.Cl. G01D 5/20 (2006.01) F04D 19/04 (2006.01)  
 [25] EN  
**[54] A DEVICE FOR DETECTING THE AXIAL POSITION OF A ROTARY SHAFT AND ITS APPLICATION TO A TURBO-MOLECULAR PUMP**  
**[54] DISPOSITIF DE DETECTION DE LA POSITION AXIALE D'UN ARBRE ROTATIF ET APPLICATION ~UNE POMPE TURBOMOLECULAIRE**  
 [72] SCHROEDER, ULRICH, FR  
 [71] SOCIETE DE MECANIQUE MAGNETIQUE, FR  
 [22] 2012-04-10  
 [41] 2012-10-14  
 [30] FR (1153227) 2011-04-14

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 [13] A1  
 [51] Int.Cl. B01D 53/64 (2006.01)  
 [25] EN  
**[54] IMPROVED UTILIZATION OF POWDERED SORBENT FOR MERCURY CONTROL FROM COAL-FIRED POWER PLANTS**  
**[54] UTILISATION AMELIOREE DE SORBANT EN POUDRE POUR LE CONTROLE A REDUCTION DE LA POLLUTION PAR LE MERCURE DANS LES CENTRALES THERMIQUES A CHARBON**  
 [72] BANSAL, VISHAL, US  
 [72] MALY, PETER MARTIN, US  
 [72] TAYLOR, ROBERT WARREN, US  
 [71] BHA GROUP, INC., US  
 [22] 2012-04-12  
 [41] 2012-10-15  
 [30] US (13/087,726) 2011-04-15

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 [51] Int.Cl. G06F 3/03 (2006.01) G06F 3/042 (2006.01)  
 [25] EN  
**[54] HAND-MOUNTABLE DEVICE FOR PROVIDING USER INPUT**  
**[54] DISPOSITIF INSTALLABLE SUR LA MAIN PERMETTANT A UN UTILISATEUR D'INTRODUIRE DES DONNEES**  
 [72] GRIFFIN, JASON TYLER, CA  
 [71] RESEARCH IN MOTION LIMITED, CA  
 [22] 2012-04-13  
 [41] 2012-10-15  
 [30] EP (11162583.6) 2011-04-15

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 [13] A1  
 [51] Int.Cl. H03M 1/12 (2006.01) H04B 1/16 (2006.01)  
 [25] EN  
**[54] ANALOG-DIGITAL CONVERSION SYSTEM COMPRISING A DOUBLE AUTOMATIC GAIN CONTROL LOOP**  
**[54] SYSTEME DE CONVERSION ANALOGIQUE-NUMERIQUE COMPRENANT UNE BOUCLE DE COMMANDE DOUBLE AUTOMATIQUE DE GAIN**  
 [72] MARTIN, NICOLAS, FR  
 [72] PERRE, JEAN-MICHEL, FR  
 [72] DEPRAZ, DAVID, FR  
 [71] THALES, FR  
 [22] 2012-04-13  
 [41] 2012-10-14  
 [30] FR (1101162) 2011-04-14

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 [13] A1  
 [51] Int.Cl. G06Q 40/02 (2012.01) G06Q 40/06 (2012.01)  
 [25] EN  
**[54] COMPREHENSIVE SAVINGS AND INVESTMENT METHOD AND SYSTEM**  
**[54] PROCEDE ET SYSTEME EXHAUSTIFS D'EPARGNE ET DE PLACEMENTS**  
 [72] CONYERS, ROBERT H., CA  
 [72] GENDREAU, INGRID, CA  
 [72] MESSIER, SYLVAIN, CA  
 [72] LAURSEN, RONALD ERIC, CA  
 [71] THE STANDARD LIFE ASSURANCE COMPANY OF CANADA, CA  
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 [51] Int.Cl. F23Q 13/00 (2006.01)  
 [25] EN  
**[54] RECREATIONAL FIRE STARTING AID**  
**[54] DISPOSITIF D'AIDE POUR L'ALLUMAGE DE FEUX DE CAMP**  
 [72] LAYTON, KENNETH R., CA  
 [71] LAYTON, KENNETH R., CA  
 [22] 2012-04-17  
 [41] 2012-10-20  
 [30] US (61/477,230) 2011-04-20

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[21] **2,773,913**  
 [13] A1  
 [51] Int.Cl. F26B 25/06 (2006.01) F24C 15/16 (2006.01)  
 [25] EN  
**[54] A MODULAR PAINT OVEN USING RADIANT AND CONVECTION HEAT**  
**[54] FOUR A PEINTURE MODULAIRE A CHALEUR RADIANTE ET A CONVECTION**  
 [72] ROBERTS, TRACY E., US  
 [72] SCHUMACHER, JAMES C., US  
 [72] HITE, CURT D., US  
 [71] GK LICENSING, LLC, US  
 [22] 2012-04-16  
 [41] 2012-10-15  
 [30] US (13/087,526) 2011-04-15

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 [13] A1  
 [51] Int.Cl. F26B 25/06 (2006.01) F24C 15/20 (2006.01)  
 [25] EN  
**[54] A MODULAR PAINT OVEN USING RADIANT AND CONVECTION HEAT**  
**[54] FOUR A PEINTURE MODULAIRE A CHALEUR RADIANTE ET A CONVECTION**  
 [72] SCHUMACHER, JAMES C., US  
 [72] HITE, CURT D., US  
 [72] ROBERTS, TRACY E., US  
 [71] GK LICENSING, LLC, US  
 [22] 2012-04-16  
 [41] 2012-10-15  
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 [13] A1  
 [51] Int.Cl. G06Q 20/40 (2012.01) G06Q 30/04 (2012.01) G06Q 50/30 (2012.01) B60L 11/18 (2006.01) B60S 5/00 (2006.01) G06F 17/30 (2006.01) G06F 21/00 (2006.01) H02J 7/00 (2006.01)  
 [25] EN  
**[54] METHOD AND SYSTEM FOR AUTHORIZING THE CHARGING OF AN ELECTRIC VEHICLE'S BATTERIES BASED ON BIOMETRIC IDENTITY INFORMATION**  
**[54] METHODE ET SYSTEME D'AUTORISATION DE LA CHARGE DES BATTERIES D'UN VEHICULE ELECTRIQUE BASEE SUR L'INFORMATION D'IDENTIFICATION BIOMETRIQUE**  
 [72] ALEXANDER, GEORGE WILLIAM, US  
 [72] REE, BRADLEY RICHARD, US  
 [72] BOOT, JOHN CHRISTOPHER, US  
 [71] GENERAL ELECTRIC COMPANY, US  
 [22] 2012-04-12  
 [41] 2012-10-20  
 [30] US (13/090,582) 2011-04-20

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 [13] A1  
 [51] Int.Cl. B29C 70/30 (2006.01) B29C 70/06 (2006.01) C08J 5/04 (2006.01)  
 [25] EN  
**[54] METHOD OF PRODUCING A FIBRE REINFORCED STRUCTURE**  
**[54] PROCEDE DE PRODUCTION D'UNE STRUCTURE RENFORCEE PAR DES FIBRES**  
 [72] SCHIBBSBYE, KARSTEN, US  
 [71] SIEMENS AKTIENGESELLSCHAFT, DE  
 [22] 2012-04-12  
 [41] 2012-10-14  
 [30] EP (11162408) 2011-04-14

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 [13] A1  
 [51] Int.Cl. B29C 44/18 (2006.01) F16L 59/00 (2006.01) F25D 23/06 (2006.01)  
 [25] EN  
**[54] METHOD FOR INSULATING AN APPLIANCE WITH AN EXPANDING INSULATING MATERIAL**  
**[54] METHODE D'ISOLATION D'UN APPAREIL AU MOYEN D'UN MATERIAU ISOLANT EXPANSIBLE**  
 [72] TOBBE, JOSEPH ANTHONY, US  
 [72] TACKETT, NICHOLAS DAVID, US  
 [72] NELSON, ROGER SHAWN, US  
 [71] GENERAL ELECTRIC COMPANY, US  
 [22] 2012-04-05  
 [41] 2012-10-18  
 [30] US (13/088,670) 2011-04-18

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 [13] A1  
 [51] Int.Cl. C08L 71/02 (2006.01) C08K 5/00 (2006.01)  
 [25] EN  
**[54] SYNERGISTIC FORMULATIONS OF FUNCTIONALIZED COPOLYMERS AND IONIC LIQUIDS FOR DEHYDRATED AND DESALTED OF MEDIAN, HEAVY AND EXTRA HEAVY CRUDE OILS**  
**[54] FORMULATIONS SYNERGIQUES DE COPOLYMERES FONCTIONNALISES ET DE LIQUIDES IONIQUES POUR LA DEHYDRATATION ET LE DESSALAGE DE PETROLES BRUTS MOYENS, LOURDS ET EXTRA-LOURDS**  
 [72] ESTRADA MARTINEZ, ARQUIMEDES, MX  
 [72] HERNANDEZ CORTEZ, JOSE GONZALO, MX  
 [72] VAZQUEZ MORENO, FLAVIO SALVADOR, MX  
 [72] CASTRO SOTELO, LAURA VERONICA, MX  
 [72] FLORES OROPEZA, EUGENIO ALEJANDRO, MX  
 [72] ALVAREZ RAMIREZ, FERNANDO, MX  
 [72] LOPEZ ORTEGA, ALFONSO, MX  
 [71] INSTITUTO MEXICANO DEL PETROLEO, MX  
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 [13] A1  
 [51] Int.Cl. F25B 39/04 (2006.01) F25D 11/  
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 [25] EN  
**[54] APPLIANCE REFRIGERATION**  
**SYSTEM WITH FINAL CONDENSER**  
**[54] SYSTEME DE REFRIGERATION**  
**D'ELECTROMENAGER AVEC ETAGE**  
**DE CONDENSATION FINAL**  
 [72] JUNGE, BRENT ALDEN, US  
 [71] GENERAL ELECTRIC COMPANY,  
 US  
 [22] 2012-04-12  
 [41] 2012-10-18  
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 [13] A1  
 [51] Int.Cl. A24F 15/00 (2006.01) A24F 15/  
 12 (2006.01)  
 [25] EN  
**[54] PACK FOR SMOKING ARTICLES**  
**[54] PAQUET POUR ARTICLES DE**  
**FUMEUR**  
 [72] ARREDONDO, ORTEGON LUCIO,  
 MX  
 [72] REYES, ORTEGA MARIO SAMUEL,  
 MX  
 [71] BRITISH AMERICAN TOBACCO  
 MEXICO, S.A. DE C.V., MX  
 [22] 2012-04-12  
 [41] 2012-10-18  
 [30] MX (MX/U/2011/000158) 2011-04-18

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 [13] A1  
 [51] Int.Cl. H01J 49/36 (2006.01) H01J 49/  
 42 (2006.01)  
 [25] EN  
**[54] SYSTEM AND METHOD TO**  
**ELIMINATE RADIO FREQUENCY**  
**COUPLING BETWEEN COMPONENTS**  
**IN MASS SPECTROMETERS**  
**[54] SYSTEME ET METHODES**  
**D'ELIMINATION DU COUPLAGE DE**  
**FREQUENCES RADIO ENTRE LES**  
**COMPOSANTES DE**  
**SPECTROMETRES DE MASSE**  
 [72] MOELLER, ROY P., US  
 [71] BRUKER DALTONICS, INC., US  
 [22] 2012-04-12  
 [41] 2012-10-19  
 [30] US (13/089,980) 2011-04-19

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 [13] A1  
 [51] Int.Cl. G06Q 10/00 (2012.01)  
 [25] EN  
**[54] SYSTEMS AND METHODS FOR**  
**DETERMINING AND INCREASING**  
**BUSINESS ACTIVITY**  
**[54] SYSTEMES ET METHODES**  
**PERMETTANT DE DETERMINER ET**  
**D'AUGMENTER UNE ACTIVITE**  
**COMMERCIALE**  
 [72] VOLBERG, RYAN W., CA  
 [72] FALK, KEVIN B., CA  
 [72] ALEXANDER, ROBERT E., CA  
 [71] VIVONET INC., CA  
 [22] 2012-04-12  
 [41] 2012-10-20  
 [30] US (61/477,574) 2011-04-20

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 [13] A1  
 [51] Int.Cl. G01S 5/02 (2010.01)  
 [25] EN  
**[54] METHOD FOR LOCATING**  
**AIRCRAFT WHICH IS INDEPENDENT**  
**OF ANY SATELLITE NAVIGATION**  
**SYSTEM**  
**[54] METHODE DE LOCALISATION**  
**D'UN AERONEF QUI EST**  
**INDEPENDANTE DE TOUT SYSTEME**  
**DE NAVIGATION PAR SATELLITE**  
 [72] PICCO, CHRISTOPHE, FR  
 [72] BOUNIOL, PIERRE, FR  
 [72] REVOL, MARC, FR  
 [71] THALES, FR  
 [22] 2012-04-12  
 [41] 2012-10-14  
 [30] FR (1101163) 2011-04-14

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 [13] A1  
 [51] Int.Cl. A63B 71/06 (2006.01) A63B 71/  
 02 (2006.01) G01V 3/12 (2006.01)  
 [25] EN  
**[54] A SYSTEM FOR ACQUIRING AND**  
**PROCESSING DATA PERTAINING TO**  
**A SHOT OF AN OBJECT, SUCH AS A**  
**PUCK OR A BALL, ON A GOAL ON A**  
**PLAYING FIELD**  
**[54] SYSTEME D'ACQUISITION ET DE**  
**TRAITEMENT DE DONNEES**  
**CONCERNANT LE LANCER D'UN**  
**OBJET, COMME UNE RONDELLE OU**  
**UNE BALLE, SUR UN BUT, SUR UN**  
**TERRAIN DE JEU**  
 [72] LUNNER, STEFAN, SE  
 [72] LUNNER, THOMAS, SE  
 [71] PERFORMANCE INTERNATIONAL  
 RENNUL AB, SE  
 [22] 2012-04-11  
 [41] 2012-10-19  
 [30] US (13/090,069) 2011-04-19

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 [13] A1  
 [51] Int.Cl. H04B 1/38 (2006.01) H01Q 21/  
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 [25] EN  
**[54] ACCESSORY SYSTEM WITH**  
**INTEGRATED MULTIBAND ANTENNA**  
**[54] SYSTEME D'ACCESSOIRES A**  
**ANTENNE MULTIBANDE INTEGREE**  
 [72] TESH, MARK A., US  
 [72] JUSTIN, BRIAN D., JR., US  
 [71] HARRIS CORPORATION, US  
 [22] 2012-04-10  
 [41] 2012-10-18  
 [30] US (13/088,658) 2011-04-18

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 [13] A1  
 [51] Int.Cl. F24J 2/40 (2006.01) F21S 11/00  
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 [25] EN  
**[54] PREDICTIVE DAYLIGHT**  
**HARVESTING SYSTEM**  
**[54] SYSTEME DE RECOLTES**  
**PREDICTIF DE JOUR**  
 [72] ASHDOWN, IAN, CA  
 [71] SUNTRACKER TECHNOLOGIES  
 LTD., CA  
 [22] 2012-04-16  
 [41] 2012-10-14  
 [30] US (61/457509) 2011-04-14  
 [30] US (61/565195) 2011-11-30

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 [51] Int.Cl. E21B 34/08 (2006.01) E21B 47/  
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 [25] EN  
 [54] ASSEMBLY FOR ACTUATING A  
 DOWNHOLE TOOL  
 [54] ENSEMBLE SERVANT A  
 ACTIONNER UN OUTIL DE FOND  
 [72] MUSCROFT, WILLIAM SLOANE, US  
 [72] HOFMAN, RAYMOND, US  
 [71] PEAK COMPLETION  
 TECHNOLOGIES, INC., US  
 [22] 2012-04-16  
 [41] 2012-10-14  
 [30] US (61/475,333) 2011-04-14  
 [30] US (13/423,158) 2012-03-16  
 [30] US (13/423,154) 2012-03-16

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 [13] A1  
 [51] Int.Cl. G06F 3/042 (2006.01) H04W  
 88/02 (2009.01) G06F 15/02 (2006.01)  
 [25] EN  
 [54] TOUCH-SENSITIVE DISPLAY  
 WITH OPTICAL SENSOR AND  
 OPTICAL METHOD  
 [54] AFFICHAGE TACTILE MUNI D'UN  
 CAPTEUR OPTIQUE ET PROCEDE  
 OPTIQUE  
 [72] WALKER, DAVID RYAN, CA  
 [72] PASQUERO, JEROME, CA  
 [71] RESEARCH IN MOTION LIMITED,  
 CA  
 [22] 2012-04-13  
 [41] 2012-10-15  
 [30] EP (11162722.0) 2011-04-15

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 [13] A1  
 [51] Int.Cl. B65D 21/032 (2006.01) B65D  
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 [25] EN  
 [54] STACKABLE CONTAINER  
 [54] CONTENANT EMPILABLE  
 [72] EBLE, RAYMOND C., US  
 [71] PREMIUM PACKAGING L.L.C., US  
 [22] 2012-04-16  
 [41] 2012-10-15  
 [30] US (13/087,883) 2011-04-15

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 [13] A1  
 [51] Int.Cl. H02J 13/00 (2006.01) H02J 3/  
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 [25] EN  
 [54] ELECTRICAL SYSTEM WITH  
 CIRCUIT LIMITER  
 [54] SYSTEME ELECTRIQUE A  
 CIRCUIT LIMITEUR  
 [72] BYRNE, NORMAN, R., US  
 [72] WARWICK, TIMOTHY J., US  
 [72] GIBSON, SHAWN R., US  
 [71] BYRNE, NORMAN, R., US  
 [22] 2012-04-17  
 [41] 2012-10-18  
 [30] US (61/476613) 2011-04-18

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 [13] A1  
 [51] Int.Cl. A45C 13/08 (2006.01) A45C 3/  
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 [25] EN  
 [54] TOTE BAG WITH  
 INTERCHANGEABLE ORNAMENTAL  
 SECURING MECHANISM, AND  
 SYSTEM THEREFORE  
 [54] FOURRE-TOUT AVEC  
 MECANISME DE FERMETURE  
 DECORATIF INTERCHANGEABLE ET  
 SYSTEME CONNEXE E  
 [72] VAN ROOYEN, VERONICA, CA  
 [71] DIVA V, CA  
 [22] 2012-04-11  
 [41] 2012-10-19  
 [30] US (61/476,965) 2011-04-19  
 [30] US (13/439,105) 2012-04-04

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 [13] A1  
 [51] Int.Cl. G01C 21/00 (2006.01) G06Q  
 10/10 (2012.01)  
 [25] EN  
 [54] ENHANCED GEOLOCATION  
 DEVICE  
 [54] DISPOSITIF DE  
 GEOLOCALISATION AMELIOREE  
 [72] ASHBY, DAVID ORION, CA  
 [71] RESEARCH IN MOTION LIMITED,  
 CA  
 [22] 2012-04-13  
 [41] 2012-10-15  
 [30] EP (11162572.9) 2011-04-15

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 [13] A1  
 [51] Int.Cl. H04L 9/00 (2006.01) H04L 29/  
 08 (2006.01)  
 [25] EN  
 [54] FILE-BASED APPLICATION  
 PROGRAMMING INTERFACE  
 PROVIDING SSH-SECURED  
 COMMUNICATION  
 [54] INTERFACE DE  
 PROGRAMMATION D'APPLICATION  
 A BASE DE FICHIER OFFRANT UNE  
 COMMUNICATION SECURISEE SSH  
 [72] ARMSTRONG, RALPH, US  
 [72] KAIN, MICHAEL T., US  
 [71] UNISYS CORPORATION, US  
 [22] 2012-04-13  
 [41] 2012-10-14  
 [30] US (61/475,356) 2011-04-14  
 [30] US (13/294,338) 2011-11-11

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[21] **2,774,386**  
 [13] A1  
 [51] Int.Cl. B44C 1/00 (2006.01) E04F 13/  
 00 (2006.01) E04F 15/00 (2006.01)  
 [25] EN  
 [54] METHODS AND SYSTEMS FOR  
 ENGAGEMENT OF DECORATIVE  
 COVERING  
 [54] PROCEDES ET SYSTEMES  
 CONCUS POUR INSTALLER UN  
 REVETEMENT DECORATIF  
 [72] PACIONE, JOSEPH ROCCO, CA  
 [72] PACIONE, JOHN ANTHONY, CA  
 [71] TAC-FAST CANADA LIMITED, CA  
 [22] 2012-04-13  
 [41] 2012-10-15  
 [30] US (61/475,990) 2011-04-15

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[21] **2,774,388**  
 [13] A1  
 [51] Int.Cl. H04L 12/22 (2006.01) H04L 9/  
 28 (2006.01) H04L 9/32 (2006.01)  
 [25] EN  
 [54] FILE-BASED APPLICATION  
 PROGRAMMING INTERFACE  
 PROVIDING SELECTABLE SECURITY  
 FEATURES  
 [54] INTERFACE DE  
 PROGRAMMATION D'APPLICATION  
 A BASE DE FICHIER OFFRANT DES  
 CARACTERISTIQUES DE SECURITE  
 SELECTIONNABLES  
 [72] KAIN, MICHAEL T., US  
 [71] UNISYS CORPORATION, US  
 [22] 2012-04-13  
 [41] 2012-10-14  
 [30] US (61/475,356) 2011-04-14  
 [30] US (13/294,336) 2011-11-11

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[21] **2,774,392**  
[13] A1  
[51] Int.Cl. H04W 36/30 (2009.01) H04W  
24/00 (2009.01)  
[25] EN  
[54] **METHOD, SYSTEM AND**  
**APPARATUS FOR MANAGING CALL**  
**HANDOFF**  
[54] **METHODE, SYSTEME ET**  
**APPAREILLAGE PERMETTANT LA**  
**GESTION DE TRANSFERT**  
**CELLULAIRE**  
[72] KLINK, JEROD DAVID, CA  
[72] PREST, CHRISTOPHER EDWARD,  
CA  
[72] ZENG, XIMING, CA  
[71] RESEARCH IN MOTION LIMITED,  
CA  
[22] 2012-04-17  
[41] 2012-10-20  
[30] EP (11163237.8) 2011-04-20

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[21] **2,774,400**  
[13] A1  
[51] Int.Cl. H04R 3/00 (2006.01) H02J 7/00  
(2006.01) H05K 11/02 (2006.01)  
[25] EN  
[54] **ELECTRONIC DEVICE WITH**  
**INCREASED IMMUNITY TO AUDIO**  
**NOISE FROM SYSTEM GROUND**  
**CURRENTS**  
[54] **DISPOSITIF ELECTRONIQUE A**  
**IMMUNITE ACCRUE AU BRUIT**  
**PRODUIT PAR LES COURANTS MIS A**  
**LA TERRE DU SYSTEME**  
[72] ZHANG, YONG, CA  
[72] POULSEN, JENS KRISTIAN, CA  
[71] RESEARCH IN MOTION LIMITED,  
CA  
[22] 2012-04-17  
[41] 2012-10-18  
[30] EP (EP11162808) 2011-04-18

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[21] **2,774,420**  
[13] A1  
[51] Int.Cl. B65D 88/12 (2006.01) B65D 90/  
00 (2006.01)  
[25] EN  
[54] **SEA-LAND SHIPPING**  
**CONTAINER SLIDEOUT**  
**CONVERSION SYSTEM**  
[54] **SISTÈME DE CONVERSION**  
**COUILLISSE POUR CONTENEUR DE**  
**TRANSPORT MER-TERRÉ**  
[72] CROSS, STEVEN, CA  
[72] KALUSKI, MARIUSZ, CA  
[72] GRIFFIN, LUCAS, CA  
[71] CONTAINER INNOVATIONS  
INDUSTRIES INC., CA  
[22] 2012-04-12  
[41] 2012-10-15  
[30] US (13/066410) 2011-04-15

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[21] **2,774,426**  
[13] A1  
[51] Int.Cl. B64D 43/00 (2006.01)  
[25] EN  
[54] **METHOD OF EMULATING A**  
**CONTROLLER PILOT DATA LINK**  
**COMMUNICATION HUMAN**  
**MACHINE INTERFACE**  
[54] **METHODE DE SIMULATION**  
**D'UNE INTERFACE HOMME-**  
**MACHINE DE COMMUNICATIONS**  
**CONTROLEUR-PILOTE PAR LIAISON**  
**DE DONNEES.**  
[72] LUDWIG, PATRICK, US  
[72] GANGWAR, NEERAJ K., US  
[72] RAO, KARTHIK, US  
[72] JUDD, THOMAS D., US  
[71] HONEYWELL INTERNATIONAL  
INC., US  
[22] 2012-04-12  
[41] 2012-10-19  
[30] US (13/089,431) 2011-04-19

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[21] **2,774,434**  
[13] A1  
[51] Int.Cl. H04W 48/16 (2009.01) H04W  
4/00 (2009.01) H04W 84/12 (2009.01)  
[25] EN  
[54] **METHODS AND APPARATUS FOR**  
**USE IN EFFICIENTLY SCANNING FOR**  
**WIRELESS NETWORKS BASED ON**  
**APPLICATION TYPE**  
[54] **PROCEDES ET APPAREIL**  
**CONCUS POUR BALAYER**  
**EFFICACEMENT DES RESEAUX SANS**  
**FIL EN FONCTION DU TYPE**  
**D'APPLICATION**  
[72] KHOLAIF, AHMAD MOHAMMAD  
MOHAMMAD, CA  
[72] RAWLINS, RUDY EUGENE, CA  
[71] RESEARCH IN MOTION LIMITED,  
CA  
[22] 2012-04-12  
[41] 2012-10-15  
[30] EP (11162666.9) 2011-04-15

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[21] **2,774,437**  
[13] A1  
[51] Int.Cl. H04W 48/16 (2009.01)  
[25] EN  
[54] **METHODS AND APPARATUS FOR**  
**USE IN EFFICIENTLY SCANNING FOR**  
**WIRELESS NETWORKS BASED ON**  
**MOBILE DEVICE VELOCITY**  
[54] **PROCEDES ET APPAREIL**  
**CONCUS POUR BALAYER**  
**EFFICACEMENT DES RESEAUX SANS**  
**FIL EN FONCTION DE LA VÉLOCITÉ**  
**DES DISPOSITIFS MOBILES**  
[72] KHOLAIF, AHMAD MOHAMMAD  
MOHAMMAD, CA  
[72] RAWLINS, RUDY EUGENE, CA  
[71] RESEARCH IN MOTION LIMITED,  
CA  
[22] 2012-04-12  
[41] 2012-10-15  
[30] EP (11162672.7) 2011-04-15

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**Demandes canadiennes mises à la disponibilité du public**  
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<p style="text-align: right;">[21] <b>2,774,478</b> [13] A1</p> <p>[51] Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01)</p> <p>[25] EN</p> <p>[54] AMINE CAPTURING SYSTEM AND CARBON DIOXIDE CAPTURING SYSTEM</p> <p>[54] SYSTEME DE CAPTURE D'AMINES ET SYSTEME DE CAPTURE DE DIOXYDE DE CARBONE</p> <p>[72] FUJITA, KOSHITO, JP</p> <p>[72] HODOTSUKA, MASATOSHI, JP</p> <p>[72] OGAWA, TAKASHI, JP</p> <p>[71] KABUSHIKI KAISHA TOSHIBA, JP</p> <p>[22] 2012-04-17</p> <p>[41] 2012-10-18</p> <p>[30] JP (2011-91768) 2011-04-18</p>	<p style="text-align: right;">[21] <b>2,774,538</b> [13] A1</p> <p>[51] Int.Cl. E21B 43/24 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND APPARATUS FOR REMOVING LOW VISCOSITY OIL FROM AN OIL FIELD</p> <p>[54] PROCEDE ET APPAREIL D'EXTRACTION D'HYDROCARBURES DE FAIBLE VISCOSITE D'UN CHAMP PETROLIFERE</p> <p>[72] LOURENCO, JOSE J.P., CA</p> <p>[72] MURPHY, JOHN GORDON, BB</p> <p>[71] AGOSTO CORPORATION LTD., VG</p> <p>[22] 2012-04-18</p> <p>[41] 2012-10-18</p> <p>[30] US (61/476,480) 2011-04-18</p> <p>[30] US (13/235,583) 2011-09-19</p>	<p style="text-align: right;">[21] <b>2,774,568</b> [13] A1</p> <p>[51] Int.Cl. H04L 12/02 (2006.01) G08C 19/00 (2006.01)</p> <p>[25] EN</p> <p>[54] AUTO-CONFIGURATION OF NETWORK DEVICES</p> <p>[54] CONFIGURATION AUTOMATIQUE D'UN DISPOSITIF RESEAU</p> <p>[72] AHRENSBACH, JANUS, DK</p> <p>[72] HANSEN, ULRICH VESTERGAARD B., DK</p> <p>[72] KULKARNI, VIVEK, DE</p> <p>[72] HOEJGAARD, JANNIK, DK</p> <p>[72] THUNBO, FLEMMING BAY, DK</p> <p>[71] SIEMENS AKTIENGESELLSCHAFT, A GERMAN CORPORATION, DE</p> <p>[22] 2012-04-17</p> <p>[41] 2012-10-19</p> <p>[30] EP (11163015) 2011-04-19</p>
<p style="text-align: right;">[21] <b>2,774,528</b> [13] A1</p> <p>[51] Int.Cl. E21B 43/24 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM FOR REDUCING OIL BENEATH THE GROUND</p> <p>[54] SYSTEME DE REDUCTION DES HYDROCARBURES SOUS LA SURFACE DU SOL</p> <p>[72] MURPHY, JOHN GORDON, BB</p> <p>[72] LOURENCO, JOSE J.P., CA</p> <p>[71] AGOSTO CORPORATION LTD., VG</p> <p>[22] 2012-04-18</p> <p>[41] 2012-10-18</p> <p>[30] US (61/476,480) 2011-04-18</p> <p>[30] US (13/235,553) 2011-09-19</p>	<p style="text-align: right;">[21] <b>2,774,539</b> [13] A1</p> <p>[51] Int.Cl. E21B 43/40 (2006.01) E21B 43/22 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND APPARATUS FOR UTILIZING CARBON DIOXIDE IN SITU</p> <p>[54] METHODE ET APPAREIL POUR UTILISATION DU DIOXYDE DE CARBONE IN SITU</p> <p>[72] LOURENCO, JOSE J.P., CA</p> <p>[72] MURPHY, JOHN GORDON, BB</p> <p>[71] AGOSTO CORPORATION LTD., VG</p> <p>[22] 2012-04-18</p> <p>[41] 2012-10-18</p> <p>[30] US (61/476,480) 2011-04-18</p> <p>[30] US (13/235,605) 2011-09-19</p>	<p style="text-align: right;">[21] <b>2,774,570</b> [13] A1</p> <p>[51] Int.Cl. E04F 10/00 (2006.01) E04H 15/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PIVOTING SHELTERS</p> <p>[54] ABRIS PIVOTANTS</p> <p>[72] WAY, MANSEN, US</p> <p>[71] AWNINGTEC USA INC., US</p> <p>[22] 2012-04-17</p> <p>[41] 2012-10-18</p> <p>[30] US (61/181,840) 2011-04-18</p>
<p style="text-align: right;">[21] <b>2,774,531</b> [13] A1</p> <p>[51] Int.Cl. E21B 43/24 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD OF REDUCING OIL BENEATH THE GROUND</p> <p>[54] PROCEDE DE REDUCTION DES HYDROCARBURES SOUS LA SURFACE DU SOL</p> <p>[72] LOURENCO, JOSE J.P., CA</p> <p>[72] MURPHY, JOHN GORDON, BB</p> <p>[71] AGOSTO CORPORATION LTD., VG</p> <p>[22] 2012-04-18</p> <p>[41] 2012-10-18</p> <p>[30] US (61/476,480) 2011-04-18</p> <p>[30] US (13/235,567) 2011-09-19</p>	<p style="text-align: right;">[21] <b>2,774,541</b> [13] A1</p> <p>[51] Int.Cl. E21B 43/12 (2006.01) E21B 43/24 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND APPARATUS FOR CONTROLLING A VOLUME OF HYDROGEN INPUT AND THE AMOUNT OF OIL TAKEN OUT OF A NATURALLY OCCURRING OIL FIELD</p> <p>[54] PROCEDE ET APPAREIL DE REGULATION D'UN VOLUME D'ENTREE D'HYDROGENE, AINSI QUE DE LA QUANTITE D'HYDROCARBURES EXTRAITS D'UN CHAMP PETROLIFERE NATUREL</p> <p>[72] MURPHY, JOHN GORDON, BB</p> <p>[72] LOURENCO, JOSE J.P., CA</p> <p>[71] AGOSTO CORPORATION LTD., VG</p> <p>[22] 2012-04-18</p> <p>[41] 2012-10-18</p> <p>[30] US (61/476,480) 2011-04-18</p> <p>[30] US (13/235,745) 2011-09-19</p>	<p style="text-align: right;">[21] <b>2,774,575</b> [13] A1</p> <p>[51] Int.Cl. G06F 11/36 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR DISPLAY OF SOFTWARE QUALITY</p> <p>[54] SYSTEME ET METHODE D'AFFICHAGE DE QUALITE LOGICIELLE</p> <p>[72] ARMITAGE, DEAN A., GB</p> <p>[72] CALCIAGNO, CRISTIANO, GB</p> <p>[72] LOWNIE, JOHN J., GB</p> <p>[72] DISTEFANO, DINO S., GB</p> <p>[72] LOWNIE, TIMOTHY M., GB</p> <p>[71] MONOIDICS LTD., GB</p> <p>[22] 2012-04-19</p> <p>[41] 2012-10-19</p> <p>[30] US (61/477,009) 2011-04-19</p>

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[21] **2,774,581**  
 [13] A1

[51] Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01)  
 [25] EN  
**[54] METHOD AND SYSTEM OF FUNCTION ANALYSIS FOR OPTIMIZING PRODUCTIVITY AND PERFORMANCE OF A WORKFORCE WITHIN A WORKSPACE**  
**[54] METHODE ET SYSTEME D'ANALYSE DES FONCTIONS POUR OPTIMISER LA PRODUCTIVITE ET LE RENDEMENT DES EFFECTIFS DANS UN MILIEU DE TRAVAIL**  
 [72] PARENT, KAREN, CA  
 [71] WORKFLOW INTEGRITY NETWORK INC., CA  
 [22] 2012-04-19  
 [41] 2012-10-19  
 [30] US (61/477,131) 2011-04-19

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[21] **2,774,582**  
 [13] A1

[51] Int.Cl. F03D 1/06 (2006.01) F15D 1/10 (2006.01)  
 [25] EN  
**[54] SPOILER FOR A WIND TURBINE ROTOR BLADE**  
**[54] AEROFREIN POUR PALE DE ROTOR D'ÉOLIENNE.**  
 [72] THRUE, CARSTEN, DK  
 [72] STEGE, JASON, DK  
 [72] KRISTENSEN, JENS JOERGEN OESTERGAARD, DK  
 [72] ENEVOLDSEN, PEDER BAY, DK  
 [71] SIEMENS AKTIENGESELLSCHAFT, DE  
 [22] 2012-04-17  
 [41] 2012-10-19  
 [30] EP (11162976) 2011-04-19

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[21] **2,774,598**  
 [13] A1

[51] Int.Cl. B25B 13/46 (2006.01)  
 [25] EN  
**[54] FLEX-HEAD WRENCH**  
**[54] CLE A TETES FLEXIBLES**  
 [72] LANCE, CHRISTOPHER, US  
 [72] MCKENZIE, TIM, US  
 [71] APEX BRANDS, INC., US  
 [22] 2012-04-13  
 [41] 2012-10-15  
 [30] US (61/476123) 2011-04-15

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[21] **2,774,622**  
 [13] A1

[51] Int.Cl. H04N 7/14 (2006.01) G06F 21/00 (2006.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01) H04N 7/18 (2006.01)  
 [25] EN  
**[54] INTERACTIVE AUDIO/VIDEO SYSTEM AND DEVICE FOR USE IN A SECURE FACILITY**  
**[54] SYSTEME ET DISPOSITIF VIDEO ET/OU AUDIO INTERACTIFS CONCUS POUR ETRE UTILISES DANS DES INSTALLATIONS SECURISEES**  
 [72] COLLINS, MORGAN, US  
 [72] GONGaware, GRANT, US  
 [72] TORGERSRUD, RICHARD, US  
 [72] O'NEIL, KEVIN, US  
 [71] TELMATE, LLC, US  
 [22] 2012-04-18  
 [41] 2012-10-18  
 [30] US (13/088,883) 2011-04-18

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[21] **2,774,633**  
 [13] A1

[51] Int.Cl. B65D 65/38 (2006.01) B65B 11/00 (2006.01) B65B 25/04 (2006.01)  
 [25] EN  
**[54] COMMERCIAL LETTUCE PACKAGING IN THE FIELD**  
**[54] EMBALLAGE COMMERCIAL DE LA LAITUE EN PLEIN CHAMP**  
 [72] FOLEY, TERENCE J., US  
 [72] JIMENEZ, GUILLERMO M., US  
 [71] DOLE FRESH VEGETABLES, INC., US  
 [22] 2012-04-18  
 [41] 2012-10-18  
 [30] US (13/089176) 2011-04-18

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[21] **2,774,635**  
 [13] A1

[51] Int.Cl. B65D 21/00 (2006.01)  
 [25] EN  
**[54] STABLE STACKED MULTIPACK ASSEMBLY INCLUDING STACKABLE PACKING UNITS AND METHOD FOR PROVIDING SAME**  
**[54] ENSEMBLE D'EMBALLAGE DE GROUPEMENT EMPILE STABLE, Y COMPRIS DES UNITES D'EMBALLAGE DE GROUPEMENT EMPILEES ET PROCEDES CONNEXES**  
 [72] GOETZ, VERNON N., US  
 [71] SD IP HOLDINGS COMPANY, US  
 [22] 2012-04-13  
 [41] 2012-10-15  
 [30] US (13/087,833) 2011-04-15

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[21] **2,774,644**  
 [13] A1

[51] Int.Cl. F16J 15/16 (2006.01)  
 [25] EN  
**[54] PRESSURE SEAL**  
**[54] JOINT D'ETANCHEITE**  
 [72] HAGEMAN, DAVID C., US  
 [72] BILLER, BRIAN CHRISTOPHER, US  
 [72] DUDMAN, RICHARD L., US  
 [72] HERDA, TIMOTHY M., US  
 [71] EGC ENTERPRISES, INC., US  
 [22] 2012-04-13  
 [41] 2012-10-18  
 [30] US (61/476,467) 2011-04-18  
 [30] US (61/552,103) 2011-10-27  
 [30] US (13/424,863) 2012-03-20

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[21] **2,774,654**  
 [13] A1

[51] Int.Cl. B01J 19/12 (2006.01) C09K 5/00 (2006.01) C09K 3/10 (2006.01)  
 [25] EN  
**[54] SEALED DEVICE AND METHOD OF SEALING**  
**[54] DISPOSITIF SCELLE ET METHODE DE SCELLEMENT**  
 [71] COVIDIEN AG, CH  
 [22] 2012-04-13  
 [41] 2012-10-15  
 [30] US (61/476,048) 2011-04-15  
 [30] US (13/445,752) 2012-04-12

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[21] **2,774,658**  
 [13] A1

[51] Int.Cl. E02F 3/43 (2006.01) E02F 9/20 (2006.01)  
 [25] EN  
**[54] SWING AUTOMATION FOR ROPE SHOVEL**  
**[54] AUTOMATISATION DE LA MANOEUVRE D'UNE PELLE A CORDE**  
 [72] LINSTROTH, MICHAEL J., US  
 [72] TAYLOR, WESLEY P., US  
 [71] HARNISCHFEGER TECHNOLOGIES, INC., US  
 [22] 2012-04-13  
 [41] 2012-10-14  
 [30] US (61/475,474) 2011-04-14

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**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,774,659**  
 [13] A1  
 [51] Int.Cl. G03G 9/083 (2006.01) C08J 3/16 (2006.01) C09D 11/10 (2006.01)  
 [25] EN  
**[54] MAGNETIC TONER COMPOSITIONS**  
**[54] COMPOSITIONS DE TONER MAGNETIQUE**  
 [72] VONG, CUONG, CA  
 [72] ZHOU, KE, CA  
 [72] MOFFAT, KAREN A., CA  
 [72] YANG, SUXIA, CA  
 [72] IFTIME, GABRIEL, CA  
 [72] GERROIR, PAUL J., CA  
 [71] XEROX CORPORATION, US  
 [22] 2012-04-13  
 [41] 2012-10-20  
 [30] US (13/090,521) 2011-04-20

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[21] **2,774,702**  
 [13] A1  
 [51] Int.Cl. G01D 5/12 (2006.01)  
 [25] EN  
**[54] METHOD AND ARRANGEMENT FOR SYNCHRONIZING A SEGMENT COUNTER WITH A FINE POSITION SENSOR**  
**[54] METHODE ET DISPOSITIF DE SYNCHRONISATION D'UN COMPTEUR DE SEGMENTS MUNI D'UN CAPTEUR DE POSITION DE PRECISION**  
 [72] MEHNERT, WALTER, DE  
 [72] THEIL, THOMAS, DE  
 [71] MEHNERT, WALTER, DE  
 [71] THEIL, THOMAS, DE  
 [22] 2012-04-16  
 [41] 2012-10-19  
 [30] DE (10 2011 002 179.5) 2011-04-19

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[21] **2,774,733**  
 [13] A1  
 [51] Int.Cl. A61M 25/01 (2006.01) A61M 25/00 (2006.01)  
 [25] EN  
**[54] NONCIRCULAR INNER LUMEN GUIDING CATHETER WITH ASSISTED VARIABLE SUPPORT**  
**[54] SONDE-GUIDE A LUMIERE INTERNE NON CIRCULAIRE AVEC SUPPORT VARIABLE ASSISTÉ**  
 [72] TAYLOR, CLIFFORD D., US  
 [72] WILLIAMS, ERIC, US  
 [72] ECHARRI, ROBERTO, US  
 [71] MICRUS ENDOVASCULAR LLC, US  
 [22] 2012-04-13  
 [41] 2012-10-15  
 [30] US (13/088,314) 2011-04-15

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[21] **2,774,737**  
 [13] A1  
 [51] Int.Cl. B65H 29/60 (2006.01) B65H 29/66 (2006.01)  
 [25] EN  
**[54] CROSSING BETWEEN TWO TRANSPORT LINES CONFIGURED FOR THE HORIZONTAL TRANSPORT OF PLANAR ARTICLES**  
**[54] CROISEMENT ENTRE DEUX LIGNES DE TRANSPORT CONFIGUREES POUR LE TRANSPORT HORIZONTAL D'ARTICLES PLANAIRES**  
 [72] GADLIGER, URS, CH  
 [71] FERAG AG, CH  
 [22] 2012-04-13  
 [41] 2012-10-14  
 [30] CH (CH 00671/11) 2011-04-14

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[21] **2,774,740**  
 [13] A1  
 [51] Int.Cl. B65H 29/00 (2006.01) B65H 5/24 (2006.01)  
 [25] EN  
**[54] APPARATUS FOR THE INTERMEDIATE STORAGE OF PLANAR ARTICLES, IN PARTICULAR PRINT PRODUCTS, WHICH CAN BE SPOOLED IN AN IMBRICATED STREAM ARRANGEMENT, AND A METHOD FOR OPERATING SUCH AN APPARATUS**  
**[54] APPAREIL DE STOCKAGE INTERMEDIAIRE D'ARTICLES PLANAIRES, EN PARTICULIER D'IMPRIMÉS, QUI PEUVENT ÊTRE MIS EN BOBINE DANS UNE DISPOSITION EN FLUX IMBRIQUE, ET MÉTHODE D'UTILISATION D'UN TEL APPAREIL**  
 [72] HONEGGER, WERNER, CH  
 [71] FERAG AG, CH  
 [22] 2012-04-13  
 [41] 2012-10-14  
 [30] CH (CH 00670/11) 2011-04-14

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 [13] A1  
 [51] Int.Cl. E02F 3/40 (2006.01) B66C 3/02 (2006.01) E21C 27/30 (2006.01) F16D 57/00 (2006.01) F16F 9/14 (2006.01)  
 [25] EN  
**[54] SNUBBER FOR SHOVEL DIPPER**  
**[54] AMORTISSEUR DE PELLE MECANIQUE**  
 [72] POWERS, WILLIAM R., US  
 [72] SCHOB, DAVE, US  
 [72] NICOSON, RICHARD, US  
 [71] HARNISCHFEGER TECHNOLOGIES, INC., US  
 [22] 2012-04-13  
 [41] 2012-10-14  
 [30] US (61/475,385) 2011-04-14

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 [25] EN  
**[54] BOOSTER MECHANISM FOR TOY VEHICLE TRACK SET**  
**[54] MECANISME AUXILIAIRE POUR ENSEMBLE DE PISTE DE VÉHICULE JOUET**  
 [72] O'CONNOR, STACY L., US  
 [72] OSTENDORFF, ERIC, US  
 [71] MATTEL, INC., US  
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 [41] 2012-10-15  
 [30] US (61/475,997) 2011-04-15

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 [51] Int.Cl. A61B 17/32 (2006.01) A61B 18/04 (2006.01) H02J 7/00 (2006.01)  
 [25] EN  
**[54] BATTERY POWERED HAND-HELD ULTRASONIC SURGICAL CAUTERY CUTTING DEVICE**  
**[54] CAUTERE ULTRASONIQUE A MAIN ALIMENTÉE PAR PILE**  
 [72] DEVILLE, DEREK DEE, US  
 [72] PALMER, MATTHEW A., US  
 [72] SMITH, KEVIN W., US  
 [72] BALES, THOMAS O., JR., US  
 [71] COVIDIEN AG, CH  
 [22] 2012-04-13  
 [41] 2012-10-15  
 [30] US (61/476,022) 2011-04-15  
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 [13] A1

[51] Int.Cl. B01D 67/00 (2006.01) B01D 53/22 (2006.01) B01D 63/08 (2006.01)  
 [25] EN  
**[54] FLUID TREATMENT ARRANGEMENTS AND METHODS OF MAKING FLUID TREATMENT ARRANGEMENTS**  
**[54] DISPOSITION POUR LE TRAITEMENT DES FLUIDES ET MÉTHODES D'ELABORATION DESDITES DISPOSITIONS POUR LE TRAITEMENT DES FLUIDES**  
 [72] WEINSTEIN, MARTIN J., US  
 [72] FORMAN, RACHEL, US  
 [71] PALL CORPORATION, US  
 [22] 2012-04-18  
 [41] 2012-10-19  
 [30] US (61/476,874) 2011-04-19

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 [13] A1

[51] Int.Cl. A61H 15/02 (2006.01) A47C 7/62 (2006.01) A61H 7/00 (2006.01) A61H 23/02 (2006.01) A61N 5/06 (2006.01)  
 [25] EN  
**[54] PHOTO LIGHT THERAPY AND MASSAGING APPARATUS**  
**[54] APPAREIL DE LUMINOTHERAPIE ET DE MASSAGE**  
 [72] KIREMITCI, KIRKOR, CA  
 [71] KIREMITCI, KIRKOR, CA  
 [22] 2012-04-18  
 [41] 2012-10-18  
 [30] US (61/476,721) 2011-04-18

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 [13] A1

[51] Int.Cl. A61N 5/06 (2006.01)  
 [25] EN  
**[54] OSCILLATING PHOTO LIGHT THERAPY DEVICE**  
**[54] APPAREIL DE LUMINOTHERAPIE A LAMPE OSCILLANTE**  
 [72] KIREMITCI, KIRKOR, CA  
 [71] KIREMITCI, KIRKOR, CA  
 [22] 2012-04-18  
 [41] 2012-10-18  
 [30] US (61/476,726) 2011-04-18

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[51] Int.Cl. A61C 17/36 (2006.01)  
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**[54] TOOTHBRUSH WITH FLUID JET ASSEMBLY**  
**[54] BROSSE A DENTS AVEC JET DE LIQUIDE**  
 [72] LEUNG, ANTHONY KIT LUN, CN  
 [71] CONAIR CORPORATION, US  
 [22] 2012-04-10  
 [41] 2012-10-19  
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 [13] A1

[51] Int.Cl. F21V 21/00 (2006.01)  
 [25] EN  
**[54] LIGHTING ASSEMBLY FOR NEW AND RETROFITTING APPLICATIONS**  
**[54] DISPOSITIF D'ECLAIRAGE POUR DES APPLICATIONS NOUVELLES ET MODIFIÉES EN RATTRAPAGE.**  
 [72] LONGARDNER, WILLIAM J., US  
 [71] LONGARDNER, WILLIAM J., US  
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 [41] 2012-10-14  
 [30] US (61/475,424) 2011-04-14  
 [30] US (13/446,762) 2012-04-13

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[21] **2,774,851**  
 [13] A1

[51] Int.Cl. B65D 1/34 (2006.01) B65D 81/24 (2006.01)  
 [25] EN  
**[54] THERMOFORMED PACKAGING TRAY**  
**[54] BARQUETTE D'EMBALLAGE THERMOFORMÉE**  
 [72] REHMANJI, ABBASSALI T., CA  
 [72] MARSHALL, CHERYL ANN, CA  
 [72] KHOMOVSKIY, ANDREY, CA  
 [71] VANCORE PLASTIC PACKAGING INC., CA  
 [22] 2012-04-16  
 [41] 2012-10-15  
 [30] US (61476173) 2011-04-15

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 [13] A1

[51] Int.Cl. B25G 1/00 (2006.01)  
 [25] EN  
**[54] ERGONOMIC PROTECTIVE SHELL FOR PROTECTING HANDHELD TOOLS**  
**[54] ENVELOPPE PROTECTRICE ERGONOMIQUE POUR PROTÉGER LES OUTILS MANUELS**  
 [72] BACKER, MARK, CA  
 [72] PHILL, DARREN R., CA  
 [72] DESAULNIERS, ROBERT, CA  
 [71] BACKER, MARK, CA  
 [71] PHILL, DARREN R., CA  
 [71] DESAULNIERS, ROBERT, CA  
 [22] 2012-04-19  
 [41] 2012-10-19  
 [30] US (61/477,118) 2011-04-19

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 [13] A1

[51] Int.Cl. B25C 1/06 (2006.01)  
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**[54] FASTENER DRIVING TOOL**  
**[54] DISPOSITIF A ENFONCER DES FIXATIONS**  
 [72] WOLF, IWAN, CH  
 [71] HILTI AKTIENGESELLSCHAFT, LI  
 [22] 2012-04-19  
 [41] 2012-10-19  
 [30] DE (102011007703.0) 2011-04-19

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[51] Int.Cl. A41D 15/04 (2006.01) A41D 1/02 (2006.01) A47G 9/08 (2006.01)  
 [25] EN  
**[54] HOODED JACKET WITH CONVERTIBLE SLEEPING BAG**  
**[54] BLOUSON A CAPUCHON AVEC SAC DE COUCHAGE CONVERTIBLE**  
 [72] POORE, THOMAS, US  
 [72] POORE, DONNA, US  
 [71] POORE, THOMAS, US  
 [71] POORE, DONNA, US  
 [22] 2012-04-16  
 [41] 2012-10-14  
 [30] US (61/475,274) 2011-04-14  
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<p style="text-align: right;"><b>[21] 2,774,889</b></p> <p style="text-align: right;">[13] A1</p> <p><b>[51] Int.Cl. B64C 19/00 (2006.01)</b></p> <p>[25] FR</p> <p><b>[54] PROCEDE DE CONTROLE DE LA DECELERATION AU SOL D'UN VEHICULE</b></p> <p><b>[54] METHOD FOR CONTROLLING THE DECELERATION OF A GROUND VEHICLE</b></p> <p>[72] ESSADOUNI, MALIKA, FR</p> <p>[72] DAL SANTO, XAVIER, FR</p> <p>[71] AIRBUS OPERATIONS, FR</p> <p>[22] 2012-04-12</p> <p>[41] 2012-10-19</p> <p>[30] FR (11 01 219) 2011-04-19</p>	<p style="text-align: right;"><b>[21] 2,775,164</b></p> <p style="text-align: right;">[13] A1</p> <p><b>[51] Int.Cl. G06F 11/34 (2006.01)</b></p> <p>[25] EN</p> <p><b>[54] DETECTING AND DIAGNOSING MISBEHAVING APPLICATIONS IN VIRTUALIZED COMPUTING SYSTEMS</b></p> <p><b>[54] DETECTION ET DIAGNOSTIC D'UN MAUVAIS FONCTIONNEMENT D'UNE APPLICATION DANS DES SYSTEMES INFORMATIQUES VIRTUELS</b></p> <p>[72] SALSBURG, MICHAEL A., US</p> <p>[72] VENKAT, SHIVARAM, IN</p> <p>[72] CHIKKALINGAIAH, RAMYA MALANGI, IN</p> <p>[71] UNISYS CORPORATION, US</p> <p>[22] 2012-04-18</p> <p>[41] 2012-10-18</p> <p>[30] US (61/476,348) 2011-04-18</p> <p>[30] US (13/152,335) 2011-06-03</p>	<p style="text-align: right;"><b>[21] 2,775,202</b></p> <p style="text-align: right;">[13] A1</p> <p><b>[51] Int.Cl. H04N 21/239 (2011.01) H04N 21/214 (2011.01) H04N 21/40 (2011.01) H04L 27/32 (2006.01) H04L 27/34 (2006.01)</b></p> <p>[25] EN</p> <p><b>[54] SYSTEM AND METHOD FOR PROVIDING VIDEO ON DEMAND OVER A QUADRATURE AMPLITUDE MODULATION NETWORK</b></p> <p><b>[54] SYSTEME ET METHODE POUR FOURNIR LA VIDEO SUR DEMANDE SUR UN RESEAU A MODULATION D'AMPLITUDE EN QUADRATURE</b></p> <p>[72] OUELLET-BELANGER, ALEX, CA</p> <p>[72] NOEL, LOUIS-PHILIPPE, CA</p> <p>[72] LESSARD, ERIC, CA</p> <p>[72] VIGNEAULT, NORMAND, CA</p> <p>[72] CYR, MARTIN, CA</p> <p>[71] INNVUE INC., CA</p> <p>[22] 2012-04-19</p> <p>[41] 2012-10-19</p> <p>[30] US (61/476,999) 2011-04-19</p>
<p style="text-align: right;"><b>[21] 2,775,137</b></p> <p style="text-align: right;">[13] A1</p> <p><b>[51] Int.Cl. B44C 1/00 (2006.01) E04H 13/00 (2006.01) E04H 15/00 (2006.01)</b></p> <p>[25] EN</p> <p><b>[54] METHODS AND SYSTEMS FOR ENGAGEMENT OF DECORATIVE COVERING</b></p> <p><b>[54] PROCEDES ET SYSTEMES CONCUS POUR INSTALLER UN REVETEMENT DECORATIF</b></p> <p>[72] PACIONE, JOHN ANTHONY, CA</p> <p>[72] PACIONE, JOSEPH ROCCO, CA</p> <p>[71] TAC-FAST CANADA LIMITED, CA</p> <p>[22] 2012-04-16</p> <p>[41] 2012-10-15</p> <p>[30] US (61/475,990) 2011-04-15</p>		

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 [13] A1  
 [51] Int.Cl. H04W 36/08 (2009.01) H04W 48/20 (2009.01)  
 [25] EN  
**[54] METHOD AND SYSTEM FOR FREQUENCY SCAN USING A DIFFERENTIAL POWER METRIC**  
**[54] METHODE ET SYSTEME DE BALAYAGE DE FREQUENCE AU MOYEN D'UNE MESURE DE PUISSANCE DIFFERENTIELLE**  
 [72] WENG, JIANFENG, CA  
 [72] CREASY, TIMOTHY JAMES, CA  
 [72] DUGGAN, JASON ROBERT, CA  
 [71] RESEARCH IN MOTION LIMITED, CA  
 [22] 2012-04-18  
 [41] 2012-10-19  
 [30] EP (11162968.9) 2011-04-19

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 [13] A1  
 [51] Int.Cl. B60R 9/00 (2006.01) B62D 33/04 (2006.01)  
 [25] EN  
**[54] MODULAR VEHICLE-MOUNTED STORGAGE SYSTEM**  
**[54] SYSTEME DE STOCKAGE MODULAIRE SUR VEHICULE**  
 [72] ROTTINGHAUS, PAUL, US  
 [72] KUHN, JOHN, US  
 [71] ZIP'S TRUCK EQUIPMENT, INC., US  
 [22] 2012-04-19  
 [41] 2012-10-19  
 [30] US (61/476,853) 2011-04-19

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 [51] Int.Cl. G01B 3/46 (2006.01) F16H 57/023 (2012.01) B60K 25/06 (2006.01) F16H 57/12 (2006.01)  
 [25] EN  
**[54] POWER TAKEOFF GASKET SELECTION TOOLS AND METHODS**  
**[54] METHODES ET OUTILS DE SELECTION DE JOINT**  
**D'ETANCHEITE DE PRISE DE FORCE**  
 [72] RINKENBAUGH, JOHN, US  
 [72] YOUNG, BRIAN, US  
 [72] ARMSTRONG, JEREMY, US  
 [71] MUNCIE POWER PRODUCTS, INC., US  
 [22] 2012-04-20  
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 [51] Int.Cl. B60S 1/48 (2006.01) B08B 3/02 (2006.01) B60S 1/52 (2006.01)  
 [25] EN  
**[54] WASH SYSTEM FOR A LIGHT ASSEMBLY**  
**[54] SYSTEME DE LAVAGE POUR UN ENSEMBLE D'ECLAIRAGE**  
 [72] KRAHN, AGATHA Q., CA  
 [72] KRAHN, GERARDO W., CA  
 [71] KRAHN, AGATHA Q., CA  
 [71] KRAHN, GERARDO W., CA  
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 [41] 2012-10-20  
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 [13] A1  
 [51] Int.Cl. B60S 9/02 (2006.01)  
 [25] EN  
**[54] VEHICLE OUTRIGGER AND STABILIZED VEHICULE USING SAME**  
**[54] BRAS STABILISATEUR POUR VEHICULE ET VEHICULE STABILISE AU MOYEN DUDIT BRAS STABILISATEUR**  
 [72] ST-YVES, JEAN-FRANCOIS, CA  
 [72] PELCHAT, SYLVAIN, CA  
 [71] POSI-PLUS TECHNOLOGIES INC., CA  
 [22] 2012-04-18  
 [41] 2012-10-18  
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 [51] Int.Cl. A01B 69/08 (2006.01) A01B 63/16 (2006.01) A01B 71/02 (2006.01)  
 [25] EN  
**[54] WHEEL ATTACHMENT ASSEMBLY**  
**[54] ENSEMBLE D'ATTELAGE DE ROUES**  
 [72] BOLTEN, FRIEDRICH GEORG, AU  
 [71] BOLTEN, FRIEDRICH GEORG, AU  
 [22] 2012-04-17  
 [41] 2012-10-17  
 [30] AU (2011901428) 2011-04-17

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 [13] A1  
 [51] Int.Cl. G05D 23/19 (2006.01) H04W 4/02 (2009.01)  
 [25] EN  
**[54] SYSTEM FOR REMOTE CONTROL OF A CONDITION AT A SITE**  
**[54] SYSTEME DE TELECOMMANDE D'UNE CONDITION A UN SITE**  
 [72] DREW, DAVID S., US  
 [72] RAMACHANDRAN, ANIL, US  
 [71] EMERSON ELECTRIC CO., US  
 [22] 2012-05-10  
 [41] 2012-10-17  
 [30] US (13/150,840) 2011-06-01

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[21] **2,785,061**  
 [13] A1  
 [51] Int.Cl. A45C 5/04 (2006.01) A45C 5/14 (2006.01)  
 [25] EN  
**[54] HARD-SIDED LUGGAGE BAG WITH FRONT LID**  
**[54] BAGAGE A PAROIS LATERALES RIGIDES AVEC COUVERCLE FRONTAL**  
 [72] EVANGELISTA, ALDEN, CA  
 [72] SHEIKH, EMRAN Y., CA  
 [71] HEYS INTERNATIONAL LTD., CA  
 [22] 2012-08-10  
 [41] 2012-10-16  
 [30] US (61/618,384) 2012-03-30

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 [13] A1  
 [51] Int.Cl. C08L 79/02 (2006.01) C08L 57/00 (2006.01) D21H 17/45 (2006.01) D21H 21/10 (2006.01)  
 [25] EN  
**[54] POLYMERIC COMPOSITIONS AND THEIR PRODUCTION AND USES**  
**[54] COMPOSITIONS POLYMERES, LEUR PRODUCTION ET LEURS UTILISATIONS**  
 [72] LEPO, ANNELI, FI  
 [72] POLVERARI, MARCO, CA  
 [72] O'TOOLE, MICHAEL, US  
 [71] KEMIRA OYJ, FI  
 [22] 2012-08-09  
 [41] 2012-10-17  
 [30] FI (20115792) 2011-08-10

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[51] Int.Cl. A01D 34/412 (2006.01) A01D  
43/16 (2006.01) B26D 1/553 (2006.01)

[25] EN

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WINGNUT PLATE

[54] COUPE-BORDURE AVEC PLAQUE  
A ECROU A OREILLES

[72] MACDONALD, RANDY, CA

[71] MACDONALD, RANDY, CA

[22] 2012-08-09

[41] 2012-10-17

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# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

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 [13] A1

[51] Int.Cl. C10G 31/08 (2006.01)  
 [25] EN  
 [54] METHOD FOR PRODUCING UPGRADED OIL, AND APPARATUS FOR PRODUCING UPGRADED OIL  
 [54] PROCEDE DE PRODUCTION D'UNE HUILE VALORISEE ET APPAREILLAGE SERVANT A SA PRODUCTION  
 [72] INOUE, NAOHISA, JP  
 [72] FUJIMOTO, TAKAYOSHI, JP  
 [72] NAGAMATSU, SHIGEKI, JP  
 [72] KAYUKAWA, TOMOKI, JP  
 [72] TERATANI, SHOGO, JP  
 [71] JGC CORPORATION, JP  
 [71] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP  
 [85] 2012-03-13  
 [86] 2011-04-19 (PCT/JP2011/002297)  
 [87] 2012-10-19 (WO/)

[21] 2,776,390  
 [13] A1

[51] Int.Cl. F02B 57/10 (2006.01) F01B 1/06 (2006.01) F01B 9/06 (2006.01) F02B 75/26 (2006.01)  
 [25] EN  
 [54] TWO-ROTOR HYBRID DEVICE  
 [54] DISPOSITIF HYBRIDE BI-ROTOR  
 [72] GOYTEMIROV, RAMZAN USMANOVICH, AZ  
 [71] GOYTEMIROV, RAMZAN USMANOVICH, AZ  
 [85] 2012-04-02  
 [86] 2009-10-06 (PCT/AZ2009/000008)  
 [87] 2011-04-14 (WO2011/041855)

[21] 2,776,526  
 [13] A1

[51] Int.Cl. C12N 1/20 (2006.01) C08G 63/91 (2006.01) C08J 11/10 (2006.01) C12N 9/16 (2006.01) C12P 7/56 (2006.01) C12P 7/62 (2006.01)  
 [25] FR  
 [54] SOUCHES BACTERIENNES ET LEURS VARIANTES CAPABLES DE DEGRADER L'ACIDE POLYLACTIQUE ET LEURS UTILISATIONS  
 [54] BACTERIAL STRAINS AND VARIANTES THEREOF THAT CAN DEGRADE POLYLACTIC ACID, AND USES OF SAME  
 [72] FERREIRA, THIERRY, FR  
 [72] AUCHER, WILLY, FR  
 [71] UNIVERSITE DE POITIERS, FR  
 [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR  
 [85] 2012-04-02  
 [86] 2010-10-01 (PCT/FR2010/052076)  
 [87] 2011-04-07 (WO2011/039489)  
 [30] FR (09 56898) 2009-10-02

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 [13] A1

[51] Int.Cl. A61K 9/16 (2006.01) A61K 31/4184 (2006.01) A61K 31/429 (2006.01) A61K 31/4985 (2006.01) A61K 31/7048 (2006.01) A61P 33/10 (2006.01)  
 [25] EN  
 [54] GRANULATED ANTHELMINTIC PREPARATIONS AND DELIVERY SYSTEMS  
 [54] PREPARATIONS ANTHELMINTIQUES GRANULEES  
 [72] MUKHOPADHYAY, DEBASHIS, NZ  
 [72] CLEVERLY, DOUGLAS ROBERT, NZ  
 [71] MUKHOPADHYAY, DEBASHIS, NZ  
 [71] CLEVERLY, DOUGLAS ROBERT, NZ  
 [85] 2012-04-10  
 [86] 2010-09-07 (PCT/IB2010/054005)  
 [87] 2011-03-10 (WO2011/027333)  
 [30] NZ (579544) 2009-09-07  
 [30] NZ (579545) 2009-09-07  
 [30] NZ (579546) 2009-09-07

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 [13] A1

[51] Int.Cl. A61K 8/97 (2006.01) A61Q 19/10 (2006.01) C09K 3/14 (2006.01) C11D 3/382 (2006.01) C11D 7/44 (2006.01)  
 [25] EN  
 [54] ABRASIVE AGENT BASED ON NATURAL RAW INGREDIENTS, HAVING PROPERTIES IMPROVING RHEOLOGY  
 [54] AGENTS ABRASIFS A BASE DE MATIERES PREMIERES D'ORIGINE NATURELLE POSSEDENT DES PROPRIETES AMELIORANT LA RHEOLOGIE  
 [72] ALLEF, PETRA, DE  
 [72] VEEGER, MARCEL, DE  
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[51] Int.Cl. C10J 3/84 (2006.01) C01B 3/02 (2006.01) C01B 3/32 (2006.01)  
 [25] EN  
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 [30] US (61/414,595) 2010-11-17

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 [25] EN  
**[54] PHARMACEUTICAL COMPOSITION FOR THE PREVENTION OR THE TREATMENT OF NON-ALCOHOLIC FATTY LIVER DISEASE AND THE METHOD FOR PREVENTION OR TREATMENT OF NON-ALCOHOLIC FATTY LIVER DISEASE USING THE SAME**  
**[54] COMPOSITION PHARMACEUTIQUE POUR LA PREVENTION OU LE TRAITEMENT D'UNE STEATOSE HEPATIQUE NON ALCOOLIQUE ET PROCEDE POUR LA PREVENTION OU LE TRAITEMENT DE LA STEATOSE HEPATIQUE NON ALCOOLIQUE UTILISANT CELLE-CI**  
 [72] KIM, HEUNG-JAE, KR  
 [72] KWAK, WOO-YOUNG, KR  
 [72] KIM, SOON-HOE, KR  
 [72] SON, MOON-HO, KR  
 [72] KIM, MI-KYUNG, KR  
 [72] SHIN, CHANG-YELL, KR  
 [72] KIM, HA-DONG, KR  
 [72] CHOI, SONG-HYEN, KR  
 [72] CHAE, YU-NA, KR  
 [72] YANG, EUN-KYOUNG, KR  
 [72] AN, GOOK-JUN, KR  
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 [85] 2012-08-21  
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 [25] EN  
**[54] COMBINATION OF A CENTRALLY-ACTING ANALGESIC AND A SELECTIVE CYCLOOXYGENASE - 2 INHIBITOR ANTI-INFLAMMATORY AGENT FOR THE TREATMENT OF INFLAMMATION AND PAIN IN THE VETERINARY FIELD**  
**[54] COMBINAISON D'UN ANALGESIQUE A ACTION CENTRALE ET D'UN AGENT ANTI-INFLAMMATOIRE INHIBITEUR SELECTIF DE LA CYCLOOXYGENASE 2 POUR LE TRAITEMENT DE L'INFLAMMATION ET DE LA DOULEUR DANS LE DOMAINE VETERINAIRE.**  
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 [72] FORMENTI, ANDREA, IT  
 [71] FORMEVET S.R.L., IT  
 [85] 2012-08-23  
 [86] 2011-02-17 (PCT/EP2011/052325)  
 [87] 2011-09-01 (WO2011/104161)  
 [30] IT (MI2010A000318) 2010-02-26

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**[54] PROCESS FOR THE PREPARATION OF ISOXAZOLINE DERIVATIVES**  
**[54] PROCEDE DE PREPARATION DE DERIVES D'ISOXAZOLINE**  
 [72] MULHOLLAND, NICHOLAS PHILLIP, GB  
 [72] GODINEAU, EDOUARD, CH  
 [72] CASSAYRE, JEROME YVES, CH  
 [72] RENOLD, PETER, CH  
 [72] EL QACEMI, MYRIEM, CH  
 [72] REVOL, GUILLAUME, CH  
 [71] SYNGENTA PARTICIPATIONS AG, CH  
 [71] SYNGENTA LIMITED, GB  
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[54] DECODEUR DE FILIGRANE ET PROCEDE DE FOURNITURE DE DONNEES DE MESSAGE BINAIRE  
[72] ZITZMANN, REINHARD, DE  
[72] KRAEGELOH, STEFAN, DE  
[72] EBERLEIN, ERNST, DE  
[72] DEL GALDO, GIOVANNI, DE  
[72] WABNIK, STEFAN, DE  
[72] GRILL, BERNHARD, DE  
[72] BREILING, MARCO, DE  
[72] PICKEL, JOERG, DE  
[72] BORSUM, JULIANE, DE  
[72] GREEVENBOSCH, BERT, DE  
[72] BLIEM, TOBIAS, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2012-08-23  
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[87] 2011-09-01 (WO2011/104246)  
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[51] Int.Cl. G10L 19/00 (2006.01)  
[25] EN  
[54] WATERMARK SIGNAL PROVIDER AND METHOD FOR PROVIDING A WATERMARK SIGNAL  
[54] DISPOSITIF FOURNISSEUR DE SIGNAL DE FILIGRANE ET PROCEDE DE FOURNITURE D'UN SIGNAL DE FILIGRANE  
[72] PICKEL, JOERG, DE  
[72] ZITZMANN, REINHARD, DE  
[72] WABNIK, STEFAN, DE  
[72] GREEVENBOSCH, BERT, NL  
[72] GRILL, BERNHARD, DE  
[72] KRAEGELOH, STEFAN, DE  
[72] BLIEM, TOBIAS, DE  
[72] BORSUM, JULIANE, DE  
[72] BREILING, MARCO, DE  
[72] DEL GALDO, GIOVANNI, DE  
[72] EBERLEIN, ERNST, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2012-08-23  
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[25] EN  
[54] COMPOSITIONS COMPRISING FLAVONOID-CONTAINING EXTRACTS FROM PLANTS OF THE GENUS CITRUS AND/OR ISOLATED CITRUS FLAVONOIDS AND SPECIFIC CATIONIC SURFACE ACTIVE AGENTS, AND SAID COMPOSITION FOR USE AS AN AGENT TREATING INFESTATIONS WITH DEAD LICE  
[54] COMPOSITIONS COMPRENANT DES EXTRAITS CONTENANT DES FLAVONOIDES PROVENANT DE PLANTES DU GENRE CITRUS ET/OU DES FLAVONOIDES DE CITRUS ISOLES ET DES AGENTS TENSIOACTIFS CATIONIQUES SPECIFIQUES ET LADITE COMPOSITION DESTINEE A ETRE UTILISEE COMME AGENT POUR LE TRAITEMENT D'INFESTATIONS PAR DES POUX DE TETE

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[72] SCHMIDT, JUERGEN, DE  
[72] ABDEL GHAFAR, FATHY, EG  
[72] SCHMAHL, GUENTER, DE  
[72] AL RASHEID, KHALED, SA  
[72] QURAISHI, SALEH, SA  
[72] AL-FARHAN, AHMAD, SA  
[71] KING SAUD UNIVERSITY, SA  
[71] ALPHA-BIOCARE GMBH, DE  
[85] 2012-08-23  
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[25] EN  
[54] IMMUNOGLOBULIN PREPARATION AND STORAGE SYSTEM FOR AN IMMUNOGLOBULIN PREPARATION  
[54] PREPARATION D'IMMUNOGLOBULINE ET SYSTEME DE STOCKAGE POUR UNE PREPARATION D'IMMUNOGLOBULINE  
[72] BOLLI, REINHARD FRANZ, CH  
[72] MAEDER, WERNER, CH  
[72] LERCH, PETER, CH  
[72] PEDRUSSIO, RENZO, CH  
[72] HOEFFERER, LIANE, CH  
[71] CSL BEHRING AG, CH  
[85] 2012-08-23  
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 [25] EN  
**[54] WATERMARK GENERATOR, WATERMARK DECODER, METHOD FOR PROVIDING A WATERMARK SIGNAL, METHOD FOR PROVIDING BINARY MESSAGE DATA IN DEPENDENCE ON A WATERMARKED SIGNAL AND A COMPUTER PROGRAM USING IMPROVED SYNCHRONIZATION CONCEPT**  
**[54] GENERATEUR DE FILIGRANE, DECODEUR DE FILIGRANE, PROCEDE DE FOURNITURE D'UN SIGNAL DE FILIGRANE, PROCEDE DE FOURNITURE DE DONNEES DE MESSAGE BINAIRES EN FONCTION D'UN SIGNAL CONTENANT UN FILIGRANE ET PROGRAMME D'ORDINATEUR UTILISANT UN CONCEPT DE SYNCHRONISATION AMELIORE**  
 [72] PICKEL, JOERG, DE  
 [72] ZITZMANN, REINHARD, DE  
 [72] BLIEM, TOBIAS, DE  
 [72] BORSUM, JULIANE, DE  
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 [72] WABNIK, STEFAN, DE  
 [71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
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 [25] EN  
**[54] SOFTWARE APPLICATION DEVELOPMENT TOOL**  
**[54] OUTIL DE DEVELOPPEMENT D'APPLICATION LOGICIELLE**  
 [72] SERRATORE, CORY ALLAN, CA  
 [72] ELIAS, LISSY, US  
 [72] VALENTE, LEONARDO GRANADO, US  
 [72] FINDLAY, DENISE, GB  
 [72] EULER, ERIC WILLIAM, US  
 [72] ATTAR, MICHAEL JOSEPH, US  
 [72] LESTYAN, GABOR JANOS, CA  
 [72] FLENLEY, JOHN MARTIN, GB  
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 [85] 2012-08-23  
 [86] 2011-02-25 (PCT/EP2011/052855)  
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 [30] US (61/308,208) 2010-02-25  
 [30] GB (1009606.3) 2010-06-08

[21] **2,791,006**

[13] A1

[51] Int.Cl. C12P 13/10 (2006.01)  
 [25] EN  
**[54] PROCESS OF PRODUCING ARGININE EMPLOYING CORYNEBACTERIUM GLUTAMICUM ATCC 21831 OR CORYNEBACTERIUM GLUTAMICUM ATCC 21493 IN A AFERMANTATION MEDIUM COMPRISING CASSAVA BAGASSE OR JACKFRUIT SEED AS A CARBON SOURCE**  
**[54] PROCEDE DE PRODUCTION D'ARGININE UTILISANT CORYNEBACTERIUM GLUTAMICUM ATCC 21831 OU CORYNEBACTERIUM GLUTAMICUM ATCC 21493 DANS UN MILIEU DE FERMENTATION COMPRENANT DE LA BAGASSE DE MANIOC OU DES GRAINES DE JACQUIER COMME SOURCE DE CARBONE**  
 [72] SUBRAMANYAM, RAVI, US  
 [72] NAMPOOTHIRI, MADHAVEN, IN  
 [72] PANDEY, ASHOK, IN  
 [71] COLGATE-PALMOLIVE COMPANY, US  
 [71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN  
 [85] 2012-08-24  
 [86] 2010-02-25 (PCT/US2010/025371)  
 [87] 2011-09-01 (WO2011/106002)

[21] **2,791,005**

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[51] Int.Cl. H04B 1/26 (2006.01) H04B 7/005 (2006.01) H04B 7/15 (2006.01)  
 [25] EN  
**[54] INTERFERENCE WAVE SUPPRESSION APPARATUS, RELAY APPARATUS, RELAY SYSTEM, AND INTERFERENCE WAVE SUPPRESSING METHOD**  
**[54] DISPOSITIF DE SUPPRESSION D'ONDES BROUILLEUSES, DISPOSITIF DE RELAIS, SYSTEME DE RELAIS ET PROCEDE DE SUPPRESSION D'ONDES BROUILLEUSES**  
 [72] FUJIMURA, AKINORI, JP  
 [71] MITSUBISHI ELECTRIC CORPORATION, JP  
 [85] 2012-08-23  
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 [30] JP (2010-040774) 2010-02-25

[21] **2,791,007**

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[51] Int.Cl. B01D 46/24 (2006.01) B01D 51/10 (2006.01) B01D 53/00 (2006.01) B01D 53/46 (2006.01) B01D 53/75 (2006.01) C21C 5/38 (2006.01) C22B 7/02 (2006.01) C22B 19/18 (2006.01)  
 [25] EN  
**[54] APPARATUS AND METHOD FOR TREATING EXHAUST GAS**  
**[54] APPAREIL ET PROCEDE POUR TRAITER UN GAZ D'ECHAPPEMENT**  
 [72] MA, NAIYANG, US  
 [71] ARCELORMITTAL INVESTIGACION Y DESARROLLO S.L., ES  
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[54] STIRRING ROLLER FOR A CONTINUOUS SLAB-CASTING MACHINE  
[72] KUNSTREICH, SIEBO, FR  
[71] ROTELEC, FR  
[85] 2012-08-23  
[86] 2011-03-14 (PCT/FR2011/000136)  
[87] 2011-09-29 (WO2011/117479)  
[30] FR (10/01129) 2010-03-23

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[13] A1

[51] Int.Cl. A61K 31/282 (2006.01) A61K 31/428 (2006.01) A61K 45/06 (2006.01) A61K 49/00 (2006.01) A61P 25/00 (2006.01)  
[25] FR  
[54] UTILISATION DU RILUZOLE POUR TRAITER OU PREVENIR LES EFFETS INDESIRABLES D'AGENTS ANTI-CANCEREUX  
[54] USE OF RILUZOLE TO TREAT OR PREVENT THE ADVERSE EFFECTS OF ANTINEOPLASTIC AGENTS  
[72] ALLOUI, ABDELKRIM, FR  
[72] LAZDUNSKI, MICHEL, FR  
[72] BUSSEROLLES, JEROME, FR  
[72] ESCHALIER, ALAIN, FR  
[71] UNIVERSITE D'AUVERGNE CLERMONT I, FR  
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[30] FR (10 51491) 2010-03-02

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[25] FR  
[54] PROCEDE DE PREPARATION D'ACIDES CARBOXYLIQUES PAR COUPURE OXYDANTE D'UN DIOL VICINAL  
[54] METHOD FOR PREPARING CARBOXYLIC ACIDS BY OXIDATIVE CLEAVAGE OF A VICINAL DIOL  
[72] LEMAIRE, MARC, FR  
[72] FAVRE-REGUILLON, ALAIN, FR  
[72] CLAUDE, SYLVAIN, FR  
[72] RAOUL, YANN, FR  
[72] PAQUIT, BENEDICTE, FR  
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[87] 2011-09-09 (WO2011/107721)  
[30] FR (1051627) 2010-03-05

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[13] A1

[51] Int.Cl. A61K 8/97 (2006.01) A61Q 19/00 (2006.01)  
[25] EN  
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[54] COMPOSITIONS ET METHODES DE TRAITEMENT DE LA PEAU  
[72] BAIER, CHRISTINE M., US  
[72] DALY, SUSAN M., US  
[72] CHEN, CHIA-WEN, US  
[72] STARR, ELIZABETH I., US  
[72] DECLERCQ, LIEVE, BE  
[71] ELC MANAGEMENT LLC, US  
[85] 2012-08-24  
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[51] Int.Cl. A61K 9/12 (2006.01) A61K 9/10 (2006.01) A61P 17/00 (2006.01)  
[25] EN  
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[54] MOUSSES EMOLLIENTES POUR LE TRAITEMENT DE DERMATOSES  
[72] CHIN, LISA, US  
[72] SCHILLING, WENDY, US  
[72] GURGE, RONALD M., US  
[72] TRUMBORE, MARK W., US  
[71] PRECISION DERMATOLOGY, INC., US  
[85] 2012-08-24  
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[87] 2011-09-01 (WO2011/106026)  
[30] US (12/713,379) 2010-02-26

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[51] Int.Cl. B32B 17/10 (2006.01) C08K 5/18 (2006.01) C08K 5/3475 (2006.01) H01L 31/048 (2006.01)  
[25] EN  
[54] SOLAR CELL MODULES WITH POLY(VINYL BUTYRAL) ENCAPSULANT COMPRISING UNSATURATED HETEROCYCLIC COMPOUND  
[54] MODULE PHOTOVOLTAIQUE COMPRENANT UN POLYMERÉ STABILISE  
[72] CUI, WEIHONG, US  
[71] SOLUTIA INC., US  
[85] 2012-08-24  
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[25] EN  
[54] STORED ENERGY AND CHARGING APPLIANCE  
[54] ENERGIE STOCKEE ET EQUIPEMENT DE CHARGE  
[72] ZAMBRANO, THOMAS, US  
[72] WEST, KENT, US  
[72] HAYASHIGAWA, LARRY, US  
[72] MACCREADY, TYLER, US  
[72] CONVER, TIM, US  
[71] AEROVIRONMENT INC., US  
[85] 2012-08-24  
[86] 2010-08-11 (PCT/US2010/045235)  
[87] 2011-02-17 (WO2011/019855)  
[30] US (61/233,087) 2009-08-11  
[30] US (61/259,077) 2009-11-06

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[13] A1

[51] Int.Cl. C22C 38/04 (2006.01) C21D 8/00 (2006.01) C23C 2/06 (2006.01)  
[25] EN  
[54] HEAT-TREATED STEEL MATERIAL, METHOD FOR PRODUCING SAME, AND BASE STEEL MATERIAL FOR SAME  
[54] MATERIAU EN ACIER TRAITE THERMIQUEMENT, PROCEDE DE FABRICATION, ET MATERIAU D'ACIER DE BASE POUR LA MISE EN UVRE DE CE PROCEDE  
[72] KOJIMA, NOBUSHI, JP  
[72] HIKITA, KAZUO, JP  
[71] SUMITOMO METAL INDUSTRIES, LTD., JP  
[85] 2012-08-23  
[86] 2011-02-28 (PCT/JP2011/054476)  
[87] 2011-09-01 (WO2011/105600)  
[30] JP (2010-042309) 2010-02-26

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[25] EN  
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[54] LIBERATION D'AGITATEUR POUR APPAREIL DE TYPE BATTEUR D'ALIMENTS  
[72] KOLAR, DAVID J., US  
[72] KOZLOWSKI, EUGENE J., US  
[72] BAIR, KENNETH W., US  
[72] ULANSKI, ROBERT M., US  
[72] BRASDOVICH, GLENN F., US  
[72] BOOZER, RICHARD D., US  
[71] VITA-MIX CORPORATION, US  
[85] 2012-08-24  
[86] 2011-02-22 (PCT/US2011/000311)  
[87] 2011-09-09 (WO2011/109066)  
[30] US (12/660,707) 2010-03-04  
[30] US (12/924,360) 2010-09-24

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[13] A1

[51] Int.Cl. G01N 33/28 (2006.01) G01N 33/42 (2006.01) G01N 35/00 (2006.01)  
[25] EN  
[54] SYSTEMS AND METHODS FOR EVALUATING ASPHALTENE DEPOSITION INHIBITORS  
[54] SYSTEMES ET PROCEDES POUR L'EVALUATION D'INHIBITEURS DE DEPOT D'ASPHALTENE  
[72] HOUGH, LAWRENCE A., US  
[72] CASTAING, JEAN-CHRISTOPHE, US  
[72] WOODWARD, GARY, GB  
[72] PABALAN, RUELA TALINGTING, US  
[72] DE CAMPO, FLORYAN, CN  
[71] RHODIA OPERATIONS, FR  
[85] 2012-08-24  
[86] 2011-02-24 (PCT/US2011/000335)  
[87] 2011-09-01 (WO2011/106088)  
[30] US (61/338,828) 2010-02-24

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[30] DE (10 2010 010 988.6) 2010-03-10

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[25] EN  
[54] DEVICE FOR HOLDING AND REPLACING A CASTING PLATE IN A CASTING INSTALLATION, METALLIC CASING OF CASTING PLATE AND CASTING PLATE, PROVIDED WITH MEANS INTERACTING WITH A DEVICE DETECTOR  
[54] DISPOSITIF DE MAINTIEN ET DE REMplacement D'UNE PLAQUE DE COULEE DANS UNE INSTALLATION DE COULEE, ENVELOPPE METALLIQUE DE PLAQUE DE COULEE, COMPORTANT UN MOYENENTRANT EN INTERACTION AVEC UN DETECTEUR DE DISPOSITIF  
[72] BOISDEQUIN, VINCENT, BE  
[72] COLLURA, MARIANO, BE  
[71] VESUVIUS GROUP S.A., BE  
[85] 2012-08-24  
[86] 2011-03-17 (PCT/EP2011/001323)  
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[30] EP (10157128.9) 2010-03-19  
[30] EP (10157129.7) 2010-03-19

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[51] Int.Cl. H01J 61/56 (2006.01) F21V 23/02 (2006.01)  
[25] EN  
[54] LAMP COMPRISING AT LEAST ONE LIGHT SOURCE AND AN ELECTRONIC OPERATING DEVICE  
[54] LAMPE COMPORTANT AU MOINS UNE SOURCE LUMINEUSE ET UN APPAREIL DE COMMANDE ELECTRONIQUE  
[72] HOLLSTEIN, ANDREAS, DE  
[72] HILSCHER, ACHIM, DE  
[72] NOLL, THOMAS, DE  
[72] KONRAD, ARMIN, DE  
[72] SCHLECHT, JOSEF, DE  
[72] REICHARDT, JUERGEN, DE  
[72] ROLL, ULRICH, DE  
[71] OSRAM AG, DE  
[85] 2012-08-24  
[86] 2011-02-02 (PCT/EP2011/051432)  
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[30] DE (10 2010 002 387.6) 2010-02-26

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**[21] 2,791,089**  
[13] A1

[51] Int.Cl. C05F 3/00 (2006.01) C02F 11/12 (2006.01)  
[25] EN  
[54] SYSTEM AND METHOD FOR PRODUCING METHANE, AN ORGANIC BASED FERTILIZER AND USABLE WATER FROM ANIMAL WASTE  
[54] SYSTEME ET PROCEDE DE PRODUCTION DE METHANE, ENGRAIS A BASE ORGANIQUE ET EAU UTILISABLE DERIVEE DE DECHETS ANIMALIERS  
[72] VAN SLYKE, J. VICTOR, CA  
[71] ATD WASTE SYSTEMS INC., CA  
[85] 2012-08-24  
[86] 2010-02-12 (PCT/CA2010/000186)  
[87] 2010-09-02 (WO2010/096899)  
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[30] US (12/538,821) 2009-08-10  
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[13] A1

[51] Int.Cl. A61F 2/24 (2006.01)  
[25] EN  
[54] STENT FOR THE POSITIONING AND ANCHORING OF A VALVULAR PROSTHESIS IN AN IMPLANTATION SITE IN THE HEART OF A PATIENT  
[54] STENT POUR LE POSITIONNEMENT ET L'ANCRAGE D'UNE PROTHESE VALVULAIRE DANS UN SITE D'IMPLANTATION DANS LE CŒUR D'UN PATIENT  
[72] STRAUBINGER, HELMUT, DE  
[72] JUNG, JONANNES, DE  
[72] GIRARD, MICHAEL J., US  
[72] MAYER, ARNULF, DE  
[71] JENAVALVE TECHNOLOGY INC., US  
[85] 2012-08-24  
[86] 2011-02-23 (PCT/EP2011/052674)  
[87] 2011-09-01 (WO2011/104269)  
[30] EP (PCT/EP2010/052429) 2010-02-25

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[51] Int.Cl. C12N 1/21 (2006.01) A23L 1/00 (2006.01) A23L 1/30 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 9/82 (2006.01) C12N 15/00 (2006.01) C12N 15/55 (2006.01) C12N 15/63 (2006.01) C12N 15/81 (2006.01)  
[25] EN  
[54] FUNCTIONAL ENHANCEMENT OF MICROORGANISMS TO MINIMIZE PRODUCTION OF ACRYLAMIDE  
[54] AMELIORATION FONCTIONNELLE DE MICRO-ORGANISMES POUR RENDRE MINIMALE LA PRODUCTION D'ACRYLAMIDE  
[72] CHHUN, ALINE, CA  
[72] HUSNIK, JOHN IVAN, CA  
[71] FUNCTIONAL TECHNOLOGIES CORP., CA  
[85] 2012-08-24  
[86] 2011-03-01 (PCT/CA2011/000222)  
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[30] US (61/316,634) 2010-03-23

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[51] Int.Cl. G01V 3/15 (2006.01)  
[25] EN  
[54] ELECTROMAGNETIC PROXIMITY DETECTION METHOD AND UNIT  
[54] PROCEDE ET UNITE DE DETECTION DE PROXIMITE ELECTROMAGNETIQUE  
[72] WANG, PING, GB  
[72] BRANSON, SIMON, GB  
[71] LEICA GEOSYSTEM AG, CH  
[85] 2012-08-24  
[86] 2011-02-24 (PCT/EP2011/052769)  
[87] 2011-09-01 (WO2011/104314)  
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[51] Int.Cl. F04B 7/00 (2006.01) F04B 39/08 (2006.01) F04B 43/073 (2006.01)  
[25] EN  
[54] OVER-CENTER LINKAGE  
[54] TRINGLERIE DECENTREE  
[72] ROGERS, JOHN ANTHONY, GB  
[71] ILLINOIS TOOL WORKS INC., US  
[85] 2012-08-23  
[86] 2011-03-16 (PCT/US2011/028623)  
[87] 2011-09-22 (WO2011/116061)  
[30] GB (1004604.3) 2010-03-19

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[13] A1

[51] Int.Cl. A01K 67/027 (2006.01) C07H 21/00 (2006.01) C12N 13/00 (2006.01)  
[25] EN  
[54] LIGHT-SENSITIVE ION-PASSING MOLECULES  
[54] MOLECULES LAISSANT PASSER LES IONS SENSIBLES A LA LUMIERE  
[72] DEISSEROTH, KARL, US  
[72] ZHANG, FENG, US  
[71] THE BOARD OF TRUSTEES OF THE LEELAND STANFORD JUNIOR UNIVERSITY, US  
[85] 2012-08-23  
[86] 2011-03-17 (PCT/US2011/028893)  
[87] 2011-09-22 (WO2011/116238)  
[30] US (61/314,969) 2010-03-17

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[51] Int.Cl. A61F 9/008 (2006.01)  
[25] EN  
[54] DISPLAY FOR OPHTHALMIC SURGICAL CONSOLE WITH USER-SELECTABLE SECTORS  
[54] AFFICHAGE POUR CONSOLE CHIRURGICALE OPHTALMIQUE AVEC SECTEURS SELECTIONNABLES PAR L'UTILISATEUR  
[72] SUTLIFF, TIFFANY, US  
[72] ARTSYUKHOVICH, ALEXANDER, US  
[72] GORDON, RAPHAEL, US  
[72] BOUKHNY, MIKHAIL, US  
[72] WOOLDRIDGE, CRAIG, US  
[71] ALCON RESEARCH, LTD., US  
[85] 2012-08-23  
[86] 2011-04-14 (PCT/US2011/032432)  
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[51] Int.Cl. A61F 9/007 (2006.01)  
[25] EN  
[54] MODULAR INTRAOCULAR LENS INJECTOR DEVICE  
[54] INJECTEUR MODULAIRE POUR LENTEILLE INTRAOCULAIRE  
[72] CHEN, BILL, US  
[72] CHON, JAMES Y., US  
[71] ALCON RESEARCH, LTD., US  
[85] 2012-08-23  
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 [25] EN  
 [54] SUNSCREEN COMPOSITIONS CONTAINING HYDROLYZED JOJOBA ESTERS FOR IMPROVED WATER RESISTANCE  
 [54] COMPOSITIONS D'ECRAN SOLAIRE CONTENANT DES ESTERS DE JOJOBA HYDROLYSES POUR UNE MEILLEURE RESISTANCE A L'EAU  
 [72] ASHLEY, DAVID A., US  
 [72] OLIPHANT, TIFFANY, US  
 [71] INTERNATIONAL FLORA TECHNOLOGIES LTD., US  
 [85] 2012-08-23  
 [86] 2011-05-24 (PCT/US2011/037729)  
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 [30] US (61/347,740) 2010-05-24

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 [25] EN  
 [54] BISARYL-BONDED ARYLTRIAZOLONES AND USE THEREOF  
 [54] ARYLTRIAZOLONE LIEE A UN BIS-ARYLE ET SON UTILISATION  
 [72] POOK, ELISABETH, DE  
 [72] KRETSCHMER, AXEL, DE  
 [72] PLUSCHKELL, INGO, DE  
 [72] TRUEBEL, HUBERT, DE  
 [72] FUERSTNER, CHANTAL, DE  
 [72] KOLKHOF, PETER, DE  
 [72] SCHMECK, CARSTEN, DE  
 [72] DELBECK, MARTINA, DE  
 [72] KELDENICH, JOERG, DE  
 [71] BAYER INTELLECTUAL PROPERTY GMBH, DE  
 [85] 2012-08-24  
 [86] 2011-02-25 (PCT/EP2011/052806)  
 [87] 2011-09-01 (WO2011/104334)  
 [30] EP (10154922.8) 2010-02-26

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 [25] EN  
 [54] 4 - [CYCLOALKYLOXY (HETERO)ARYLAMINO] THIENO [2,3 - D] PYRIMIDINES HAVING MNKL/ MNK2 INHIBITING ACTIVITY FOR PHARMACEUTICAL COMPOSITIONS  
 [54] 4 - [CYCLOALKYLOXY(HETERO)ARYLAMINO]THIENO[2,3-D]PYRIMIDINES AYANT UNE ACTIVITE D'INHIBITION DE MNK1/MNK2 POUR DES COMPOSITIONS PHARMACEUTIQUES  
 [72] LEHMANN-LINTZ, THORSTEN, DE  
 [72] SAUER, ACHIM, DE  
 [72] REDEMANN, NORBERT, DE  
 [72] LANGKOPF, ELKE, DE  
 [72] KLEY, JOERG, DE  
 [72] HECKEL, ARMIN, DE  
 [72] AUSTEN, MATTHIAS, DE  
 [72] DANILEWICZ, JOHN, GB  
 [72] WIEDENMAYER, DIETER, DE  
 [72] LINNEY, IAN, GB  
 [72] BLACK, PHILLIP, GB  
 [72] SCHREITER, KAY, DE  
 [72] THOMAS, LEO, DE  
 [72] BLACKABY, WESLEY, GB  
 [72] SCHNEIDER, MARTIN, DE  
 [71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
 [85] 2012-08-24  
 [86] 2011-02-25 (PCT/EP2011/052810)  
 [87] 2011-09-01 (WO2011/104337)  
 [30] EP (10154925.1) 2010-02-26

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 [25] EN  
 [54] HETEROCYCLOALKYL-CONTAINING THIENOPYRIMIDINES FOR PHARMACEUTICAL COMPOSITIONS  
 [54] THIENOPYRIMIDINES CONTENANT UN GROUPE HETEROCYCLOALKYLE POUR DES COMPOSITIONS PHARMACEUTIQUES  
 [72] SAUER, ACHIM, DE  
 [72] THOMAS, LEO, DE  
 [72] DANILEWICZ, JOHN, GB  
 [72] AUSTEN, MATTHIAS, DE  
 [72] WIEDENMAYER, DIETER, DE  
 [72] LEHMANN-LINTZ, THORSTEN, DE  
 [72] BLACKABY, WESLEY, GB  
 [72] KLEY, JOERG, DE  
 [72] BLACK, PHILLIP, GB  
 [72] SCHNEIDER, MARTIN, DE  
 [72] LINNEY, IAN, GB  
 [72] REDEMANN, NORBERT, DE  
 [72] SCHREITER, KAY, DE  
 [71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
 [85] 2012-08-24  
 [86] 2011-02-25 (PCT/EP2011/052810)  
 [87] 2011-09-01 (WO2011/104337)  
 [30] EP (10154925.1) 2010-02-26

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[51] Int.Cl. C07D 495/04 (2006.01) A61K 31/381 (2006.01) A61P 9/00 (2006.01)  
 [25] EN  
 [54] THIENOPYRIMIDINES  
 CONTAINING A SUBSTITUTED  
 ALKYL GROUP FOR  
 PHARMACEUTICAL COMPOSITIONS  
 [54] THIENOPYRIMIDINES  
 CONTENANT UN GROUPE ALKYLE  
 SUBSTITUE POUR DES  
 COMPOSITIONS  
 PHARMACEUTIQUES  
 [72] KLEY, JOERG, DE  
 [72] THOMAS, LEO, DE  
 [72] BLACKABY, WESLEY, GB  
 [72] BLACK, PHILLIP, GB  
 [72] WIEDENMAYER, DIETER, DE  
 [72] SAUER, ACHIM, DE  
 [72] LEHMANN-LINTZ, THORSTEN, DE  
 [72] HIMMELSBACH, FRANK, DE  
 [72] HECKEL, ARMIN, DE  
 [72] AUSTEN, MATTHIAS, DE  
 [72] LINNEY, IAN, GB  
 [72] SCHREITER, KAY, DE  
 [72] REDEMANN, NORBERT, DE  
 [72] DANILEWICZ, JOHN, GB  
 [72] SCHNEIDER, MARTIN, DE  
 [71] BOEHRINGER INGELHEIM  
 INTERNATIONAL GMBH, DE  
 [85] 2012-08-24  
 [86] 2011-02-25 (PCT/EP2011/052813)  
 [87] 2011-09-01 (WO2011/104340)  
 [30] EP (10154930.1) 2010-02-26

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[13] A1

[51] Int.Cl. C12N 9/22 (2006.01)  
 [25] EN  
 [54] USE OF ENDONUCLEASES FOR  
 INSERTING TRANSGENES INTO SAFE  
 HARBOR LOCI  
 [54] UTILISATION  
 D'ENDONUCLEASES POUR INSERER  
 DES TRANSGENES DANS DES LOCUS  
 SAFE HARBOR  
 [72] DANOS, OLIVIER, FR  
 [72] DUCLERT, AYMERIC, FR  
 [71] CELLECTIS, FR  
 [85] 2012-08-24  
 [86] 2011-02-28 (PCT/EP2011/052916)  
 [87] 2011-09-01 (WO2011/104382)  
 [30] EP (10305202.3) 2010-02-26  
 [30] US (61/308,509) 2010-02-26

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[13] A1

[51] Int.Cl. B01F 17/42 (2006.01) C09K 8/584 (2006.01) E21B 43/22 (2006.01)  
 [25] EN  
 [54] PROCESS FOR EXTRACTING  
 MINERAL OIL USING SURFACTANTS  
 BASED ON BUTYLENE OXIDE-  
 CONTAINING ALKYL ALKOXYLATES  
 [54] PROCEDE D'EXTRACTION DU  
 PETROLE AU MOYEN DE  
 TENSIOACTIFS A BASE  
 D'ALCOXYLATES D'ALKYLE  
 CONTENANT DE L'OXYDE DE  
 BUTYLENE  
 [72] SPINDLER, CHRISTIAN, DE  
 [72] BITTNER, CHRISTIAN, DE  
 [72] OETTER, GUENTER, DE  
 [72] TINSLEY, JACK, DE  
 [72] MAITRO-VOGEL, SOPHIE, DE  
 [72] ALVAREZ-JUERGENSON,  
 GABRIELA, DE  
 [71] BASF SE, DE  
 [85] 2012-08-24  
 [86] 2011-03-04 (PCT/EP2011/053321)  
 [87] 2011-09-15 (WO2011/110503)  
 [30] EP (10002488.4) 2010-03-10

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[51] Int.Cl. G01N 33/487 (2006.01)  
 [25] EN  
 [54] CAPACITANCE DETECTION IN  
 ELECTROCHEMICAL ASSAY  
 [54] DETECTION DE CAPACITANCE  
 EN ANALYSE ELECTROCHIMIQUE  
 [72] RIPPEL, SVEN, DE  
 [72] ELDER, DAVID, GB  
 [71] LIFESCAN SCOTLAND LIMITED,  
 GB  
 [85] 2012-08-24  
 [86] 2011-02-25 (PCT/GB2011/000267)  
 [87] 2011-09-01 (WO2011/104517)  
 [30] US (61/308,167) 2010-02-25

[21] 2,791,122

[13] A1

[51] Int.Cl. G01N 33/72 (2006.01) A61K 38/00 (2006.01) C08H 1/00 (2006.01)  
 [25] EN  
 [54] METHODS FOR PREPARING PEG-  
 HEMOGLOBIN CONJUGATES USING  
 REDUCED REACTANT RATIOS  
 [54] PROCEDES DE PREPARATION DE  
 CONJUGUES PEG-HEMOGLOBINE  
 UTILISANT DES RAPPORTS REDUITS  
 DE REACTIF  
 [72] MALAVALLI, ASHOK, US  
 [72] VANDEGRIFF, KIM D., US  
 [71] SANGART, INC., US  
 [85] 2012-08-23  
 [86] 2011-02-23 (PCT/US2011/025888)  
 [87] 2011-09-01 (WO2011/106396)  
 [30] US (61/308,238) 2010-02-25

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[51] Int.Cl. C21B 3/04 (2006.01) B02C 15/00 (2006.01) C04B 5/00 (2006.01) C22B 7/04 (2006.01)  
 [25] EN  
 [54] PREPARATION METHOD FOR  
 STAINLESS STEEL SLAGS AND  
 STEELWORKS SLAGS FOR  
 RECOVERY OF METAL  
 [54] PROCEDE DE TRAITEMENT DE  
 SCORIES D'ACIER ALLIE ET DE  
 SCORIES METALLURGIQUES EN VUE  
 DE LA RECUPERATION DES METAUX  
 [72] GEROLD, CARSTEN, DE  
 [72] DARDEMANN, FRANK, DE  
 [72] LANGEL, JOERG, DE  
 [72] WULFERT, HOLGER, DE  
 [71] LOESCHE GMBH, DE  
 [85] 2012-08-23  
 [86] 2010-11-11 (PCT/EP2010/006879)  
 [87] 2011-09-09 (WO2011/107124)  
 [30] DE (10 2010 010 385.3) 2010-03-05

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[25] EN  
[54] AN ELECTRIC PLANT WITH CAPACITY TO CHARGE ELECTRIC BATTERIES  
[54] INSTALLATION ELECTRIQUE POUVANT CHARGER DES BATTERIES ELECTRIQUES  
[72] DEMETRIADES, GEORGIOS, SE  
[72] PAPASTERGIOU, KONSTANTINOS, SE  
[72] SANNINO, AMBRA, SE  
[71] ABB RESEARCH LTD, CH  
[85] 2012-08-23  
[86] 2010-02-23 (PCT/EP2010/052226)  
[87] 2011-09-01 (WO2011/103911)

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[25] EN  
[54] MARINADES FOR MEAT AND SEAFOOD CONTAINING NATURAL METABOLITES  
[54] MARINADES POUR VIANDES ET FRUITS DE MER CONTENANT DES METABOLITES NATURELS  
[72] WINDECKER, LOUIS E., JR., US  
[72] GRAHAM, AARON R., US  
[72] BUNCZEK, MICHAEL T., US  
[72] BERNACCHI, DONALD B., US  
[71] GRIFFITH LABORATORIES INTERNATIONAL, INC., US  
[85] 2012-08-23  
[86] 2011-02-23 (PCT/US2011/025911)  
[87] 2011-09-01 (WO2011/106413)  
[30] US (61/307,243) 2010-02-23

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[13] A1

[51] Int.Cl. B31B 39/00 (2006.01) B65D 88/16 (2006.01)  
[25] FR  
[54] PROCEDE DE FABRICATION D'UN CONTENEUR SOUPLE DE GRANDE CAPACITE ET ENVELOPPE DE PROTECTION INTERNE OBTENUE AU COURS DE CE PROCEDE  
[54] METHOD FOR PRODUCING A LARGE-CAPACITY, PLIABLE CONTAINER AND INNER PROTECTIVE ENVELOPE PRODUCED DURING SAID METHOD  
[72] BASCONNET, JACQUES, FR  
[71] TISZA TEXTIL PACKAGING, FR  
[85] 2012-08-24  
[86] 2011-02-24 (PCT/FR2011/050389)  
[87] 2011-09-01 (WO2011/104485)  
[30] FR (1051406) 2010-02-26

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[13] A1

[51] Int.Cl. G06F 9/44 (2006.01) G06F 15/16 (2006.01)  
[25] EN  
[54] SYSTEMS AND METHODS FOR ENTERPRISE BRANDED APPLICATION FRAMEWORKS FOR MOBILE AND OTHER ENVIRONMENTS  
[54] SYSTEMES ET PROCEDES POUR DES CADRES D'APPLICATIONS DE MARQUE D'ENTREPRISE POUR DES ENVIRONNEMENTS MOBILES ET AUTRES  
[72] TRIM, JAMES D., US  
[72] KANE, ALAN M., US  
[72] HALL, ANTHONY C., US  
[72] DANG, LUAN, US  
[72] KNITOWSKI, ALAN S., US  
[71] PHUNWARE INC., US  
[85] 2012-08-23  
[86] 2011-02-23 (PCT/US2011/025944)  
[87] 2011-09-01 (WO2011/106441)  
[30] US (61/308,284) 2010-02-25

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[51] Int.Cl. A21C 9/04 (2006.01) A21C 9/00 (2006.01) A21C 9/08 (2006.01)  
[25] EN  
[54] AUTOMATED PIZZA ASSEMBLY SYSTEM  
[54] SYSTEME AUTOMATISE DE MONTAGE DE PIZZA  
[72] SCRIVANO, DAVID, US  
[72] FRITZ-JUNG, CATHRYN, US  
[72] THOMAS, AMANDA B., US  
[72] STROTHER, DAVID, US  
[72] HOEKSEMA, BRETT A., US  
[72] HESLIP, SEAN M., US  
[72] DEEMTER, KENT A., US  
[72] MCCOY, TYLER W., US  
[71] LITTLE CAESAR ENTERPRISES, INC., US  
[85] 2012-08-23  
[86] 2011-02-24 (PCT/US2011/025989)  
[87] 2011-09-01 (WO2011/106475)  
[30] US (61/308,487) 2010-02-26  
[30] US (61/320,337) 2010-04-02  
[30] US (13/033,650) 2011-02-24

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[13] A1

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[54] PROCEDE DE RECYCLAGE D'UN CALCIN A COULEUR MELANGEE, PAR UTILISATION D'OXYDE DE CUIVRE  
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[71] CULCHROME, LLC C/O GR TECHNOLOGY, INC., US  
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[71] DOW AGROSCIENCES LLC, US  
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[87] 2011-09-01 (WO2011/106509)  
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[54] DISPOSITIF D'AGRANDISSEMENT DE MOIRE  
[72] HOLMES, BRIAN WILLIAM, GB  
[71] DE LA RUE INTERNATIONAL LIMITED, GB  
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[72] MENDES, PEDRO, PT  
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[71] ROVI TECHNOLOGIES CORPORATION, US  
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[72] HAINES, RODERICK ANDREW, GB  
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[72] WILLIAMSON, FINBARR CHARLES RONALD, GB  
[72] JELLEY, SIMON PHILIP, GB  
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[85] 2012-08-24  
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[30] GB (1003288.6) 2010-02-26

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[54] PLATE-FORME SUR JAMBES A CABLES TENDUS PRESENTANT UNE MEILLEURE PERFORMANCE HYDRODYNAMIQUE  
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[72] MIAO, GANG, US  
[72] LING, QI, US  
[72] KYRIAKIDES, ANDREW C., US  
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[54] PROCEDE D'ACCES A UN CONTENU MULTIMEDIA NUMERIQUE  
[72] SANT, PHILIP ANTHONY, GB  
[72] RICHARDS, JOHN, GB  
[72] LEWIS, ROBERT JOHN, GB  
[72] KNIGHT, MARK STEPHEN, GB  
[72] POCOCK, STEPHEN WILLIAM, GB  
[72] EVANS, CHRISTOPHER JOHN, GB  
[71] OMNIFONE LTD, GB  
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[54] SYSTEME MODULAIRE DE PURIFICATION D'EAU DE FAIBLE POIDS A OPTIONS DE PUISSEANCE DE POMPAGE RECONFIGURABLES  
[72] TOTENBIER, JOSEPH J., US  
[72] NOVAK, JAMES, US  
[72] ACERNESE, PRIMO L., US  
[71] TERRAGROUP CORPORATION, US  
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[54] PROCEDE DE DECELLULARISATION DE TISSU  
[72] GRATZER, PAUL FRANK, CA  
[71] DECELL TECHNOLOGIES INC., CA  
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[85] 2012-08-24  
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[54] DISPOSITIF DE GROSSISSEMENT PAR EFFET DE MOIRE  
[72] HOLMES, BRIAN WILLIAM, GB  
[71] DE LA RUE INTERNATIONAL LIMITED, GB  
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[54] COMPOSES OXADIAZOLE, LEUR PREPARATION ET LEUR UTILISATION  
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[72] JOSHI, KALPANA SANJAY, IN  
[72] AWARE, VALMIK SOPAN, IN  
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[54] DISPOSITIF POUR L'INJECTION AUTOMATIQUE DE DEUX DOSES D'UN MEDICAMENT  
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[72] EDHOUSE, MARK JEFFREY, GB  
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[72] AOYAGI, KAZUHIRO, JP  
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[72] HONGU, MITSUYA, JP  
[72] TANAKA, YOSHIHITO, JP  
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[54] EMBALLAGE REFERMABLE UTILISANT UN ADHESIF A FAIBLE ADHERENCE  
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[72] MANN, LYNN S., US  
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[30] US (61/308,540) 2010-02-26  
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[30] US (61/407,409) 2010-10-27  
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[71] BASF PLANT SCIENCE COMPANY GMBH, DE  
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[30] US (61/308,056) 2010-02-25

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[54] SYSTEME KVM SECURISE A CONTROLEUR-INDICATEUR DISTANT  
[72] SOFFER, AVIV, IL  
[71] HIGH SEC LABS LTD., IL  
[85] 2012-08-24  
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[71] ROBBINS & MYERS ENERGY SYSTEMS L.P., US  
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[54] VEHICULE HYBRIDE DU TYPE A SELLE  
[72] NAKAI, KAZUYUKI, JP  
[72] OHMORI, KENICHI, JP  
[72] NOMURA, AKIMUJI, JP  
[71] HONDA MOTOR CO., LTD., JP  
[85] 2012-08-24  
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[54] EMBALLAGE AVEC ELEMENT DE FIXATION POUVANT ETRE REFERME A BASE D'ADHESIF ET PROCEDES POUR CELUI-CI  
[72] BOYCE, JEFFREY J., US  
[72] CLARK, KERRI, US  
[72] CLINGERMAN, MICHAEL, US  
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[72] ZERFAS, PAUL ANTHONY, US  
[71] KRAFT FOODS GLOBAL BRANDS LLC, US  
[85] 2012-08-24  
[86] 2011-02-24 (PCT/US2011/026006)  
[87] 2011-09-01 (WO2011/106486)  
[30] US (61/308,540) 2010-02-26  
[30] US (61/317,592) 2010-03-25  
[30] US (61/407,409) 2010-10-27  
[30] US (61/407,406) 2010-10-27

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[54] PROCEDE ET AGENCEMENT DESTINE A DES N<sup>o</sup>UDS DE RESEAU D'UN RESEAU DE COMMUNICATION SANS FIL  
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[72] LINOFF, BENGT, SE  
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[71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE  
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[72] HIRAMATSU, AKITO, JP  
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[71] HONDA MOTOR CO., LTD., JP  
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[54] GOUTTES OPHTALMIQUES POUR LE TRAITEMENT D'UNE INFECTION OPHTALMIQUE CONTENANT DE LA LEVOFLOXACINE, SON SEL OU SON SOLVATE, METHODE DE TRAITEMENT D'UNE INFECTION OPHTALMIQUE, LEVOFLOXACINE, SON SEL OU SON SOLVATE, ET LEUR UTILISATION  
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[54] PROCEDE DE FABRICATION D'UN DISPOSITIF DE DISTRIBUTION DE MEDICAMENT  
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[72] FAST, INA, DE  
[72] NGUYEN KIM, SON, DE  
[72] WERNER, ROLF, DE  
[71] BASF SE, DE  
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[54] DISPOSITIF D'ECLAIRAGE A CATHODE FROIDE SERVANT DE REMplacement DE TUBE FLUORESCENT  
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[25] EN  
[54] A METHOD OF MANUFACTURING A FLOOR BOARD  
[54] PROCEDE DE FABRICATION D'UNE LAME DE PLANCHER  
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[71] SPANOLUX N.V.-DIV. BALTERIO, BE  
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[72] WERNER, ROLF, DE  
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[25] EN  
[54] SIMULTANEOUS DEHYDRATION AND SKELETAL ISOMERISATION OF ISOBUTANOL ON ACID CATALYSTS  
[54] DESHYDRATATION ET ISOMERISATION SQUELETTALE SIMULTANÉES D'ISOBUTANOL SUR DES CATALYSEURS ACIDES  
[72] ADAM, CINDY, BE  
[72] DATH, JEAN-PIERRE, BE  
[72] NESTERENKO, NIKOLAI, BE  
[72] VAN DONK, SANDER, BE  
[72] MINOUX, DELPHINE, BE  
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[25] EN  
[54] PRODUCTION OF PROPYLENE VIA SIMULTANEOUS DEHYDRATION AND SKELETAL ISOMERISATION OF ISOBUTANOL ON ACID CATALYSTS FOLLOWED BY METATHESIS  
[54] PRODUCTION DE PROPYLENE PAR DESHYDRATATION ET ISOMERISATION DE SQUELETTE SIMULTANÉES DE L'ISOBUTANOL SUR DES CATALYSEURS ACIDES SUIVIES PAR UNE METATHÈSE  
[72] MINOUX, DELPHINE, BE  
[72] ADAM, CINDY, BE  
[72] VERMEIREN, WALTER, BE  
[71] TOTAL RESEARCH & TECHNOLOGY FELUY, BE  
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[25] EN  
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[54] PROCÉDÉ DE PRODUCTION DE DISPERSIONS AQUEUSES DE POLYESTERS THERMOPLASTIQUES  
[72] SKUPIN, GABRIEL, DE  
[72] FERNANDEZ RAMIREZ, GIMMY ALEX, DE  
[72] SEYFFER, HERMANN, DE  
[72] REN, LIQUN, DE  
[72] YAMAMOTO, MOTONORI, DE  
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[54] QUICK METHOD FOR DETECTING ENZYME AND MICRO-ORGANISMS  
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[71] SAFETRAY PRODUCTS LIMITED, DE  
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[71] BRAND AFFINITY TECHNOLOGIES, INC., US  
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[54] PROCEDES DE DIAGNOSTIC DE PATHOGENES DE MALADIES INFECTIEUSES ET LEUR SENSIBILITE AUX MEDICAMENTS  
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[72] HUNG, DEBORAH, US  
[72] COSIMI, LISA, US  
[71] THE BROAD INSTITUTE, INC., US  
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[72] SHAW, DAVID W., US  
[72] PROUT, JEFFREY J., US  
[71] MEANS INDUSTRIES, INC., US  
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[25] EN  
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[54] RACCORD DE SURETE RAPIDE POUR COUPLER UN OUTIL A UNE MACHINE D'ACTIONNEMENT  
[72] BORGHI, GIANNI, IT  
[71] C.M.C. S.R.L. - SOCIETA UNIPERSONALE, IT  
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[30] IT (MO2010A000090) 2010-03-30

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[72] BROGHAMMER, WILLIAM J., US  
[72] SIEBELS, RANDALL L., US  
[71] SCHNEIDER ELECTRIC USA, INC., US  
[85] 2012-08-27  
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[54] ENSEMBLE TIROIR  
[72] BAYNE, MICHAEL, US  
[72] BROWN, ANDREW, US  
[71] ELECTROLUX HOME PRODUCTS, INC., US  
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[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
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[25] EN  
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[72] MOODY, WILLIAM LEE, US  
[72] STAMEY, JEREMIAH, US  
[72] BAYNE, MICHAEL, US  
[71] ELECTROLUX HOME PRODUCTS, INC., US  
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[54] NITISINONE POUR LE TRAITEMENT DE L'ALBINISME OCULO-CUTANE/OCULAIRE ET POUR L'AUGMENTATION DE LA PIGMENTATION  
[72] BROOKS, BRIAN P., US  
[72] GAHL, WILLIAM A., US  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT, US  
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[25] EN  
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[54] PROCEDES DE DIAGNOSTIC ET DE TRAITEMENT DU CANCER CHEZ DES PATIENTS AYANT OU DEVELOPPANT UNE RESISTANCE A UNE PREMIERE THERAPIE ANTICANCEREUSE  
[72] GARRAWAY, LEVI A., US  
[72] JOHANNESSEN, CORY M., US  
[71] DANA-FARBER CANCER INSTITUTE, INC., US  
[71] THE BROAD INSTITUTE, INC., US  
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[71] ELECTROLUX HOME CARE PRODUCTS, INC., US  
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[25] EN  
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[54] MACHINE DE MAN-UVRE AUTOMOTRICE AVEC DISPOSITIF INTEGRE DE MOUVEMENT LATERAL ET DE MISE A NIVEAU  
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[54] COMPOSITIONS DETERGENTES FLUIDES COMPRENANT UN GELIFIANT DI-AMIDO ET LEURS PROCEDES DE FABRICATION  
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[72] SMETS, JOHAN, BE  
[72] ESCUDER GIL, BEATRIU, ES  
[72] MIRAVET CELADES, JUAN FELIPE, ES  
[72] NEBOT CARDA, VINCENT JOSEP, ES  
[71] THE PROCTER & GAMBLE COMPANY, US  
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[30] EP (10156371.6) 2010-03-12

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[25] EN  
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[54] CONJUGUES AMINOGLYCOSIDE-LIPIDE MODIFIES PAR UN POLYOL  
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[72] SCHWEIZER, FRANK, CA  
[72] SMRITILEKHA, BERA, CA  
[71] UNIVERSITY OF MANITOBA, CA  
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[54] PROCEDE DE PRETRAITEMENT DE PETROLE BRUT A L'AIDE D'UN MICROORGANISME  
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[54] PROCEDE DE CALIBRATION POUR SYSTEMES D'ECLAIRAGE A DEL  
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[72] JENKINS, DAVID, US  
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[30] US (61/320,545) 2010-04-02  
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[54] INSTALLATION METHOD OF FLEXIBLE PIPE WITH SUBSEA CONNECTOR, UTILIZING A PULL DOWN SYSTEM  
[54] PROCEDE D'INSTALLATION DE TUYAU FLEXIBLE DOTE D'UN CONNECTEUR SOUS-MARIN, UTILISANT UN SYSTEME DE DESCENTE  
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[71] NAUTILUS MINERALS PACIFIC PTY LTD, AU  
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[54] FILTRE DE CIGARETTE ET CIGARETTE A FILTRE A CAPSULE ASSOCIEE  
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[54] GESTION DU STOCKAGE D'UNITES DE DONNEES ACCESSIBLES INDIVIDUELLEMENT  
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[30] US (61/308,171) 2010-02-25  
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[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US  
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[25] EN  
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[54] CATALYSEUR DE SYNTHESE DE FISCHER-TROPSCH, L'UNE DE SES METHODES DE FABRICATION ET METHODE DE FABRICATION D'HYDROCARBURES  
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[72] ONO, HIDEKI, JP  
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[54] PROCEDE DE PRODUCTION D'HYDROGENE  
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[54] METHODE DE FABRICATION D'UN CATALYSEUR DE SYNTHESE DE FISCHER-TROPSCH REGENERE, ET METHODE DE FABRICATION D'HYDROCARBURES  
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[71] SHELL OIL COMPANY, US  
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[54] COMPOSE EPOXY DE GRANDE PURETE ET SON PROCEDE DE PRODUCTION  
[72] ARAI, ATSUHIRO, US  
[72] SAKATA, HIROAKI, JP  
[72] TAIKO, HIROSHI, JP  
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[30] US (61/308,053) 2010-02-25  
[30] US (61/308,042) 2010-02-25  
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[30] JP (2010-007565U) 2010-11-17  
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[72] VALENCIA, HANS F., US  
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[87] 2011-09-01 (WO2011/106713)  
[30] US (61/308,859) 2010-02-26  
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[54] COMPOSES SPIRO TETRACYCLIQUES EN TANT QUE MODULATEURS DE LA BETA-SECRETASE  
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[72] QIAN, WENYUAN, US  
[72] WEISS, MATTHEW, US  
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[71] MICROSOFT CORPORATION, US  
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[54] SERVICE CELLULAIRE AYANT UNE MEILLEURE DISPONIBILITE DE SERVICE  
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[72] REED, DANNY ALLEN, US  
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[71] MICROSOFT CORPORATION, US  
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[54] DISPOSITIF A CATHODE DE PULVERISATION PAR MAGNETRON TOURNANT CYLINDRIQUE ET PROCEDE DE DEPOT D'UN MATERIAU UTILISANT DES EMISSIONS RADIOFRÉQUENCES  
[72] GREENWELL, RICHARD, US  
[72] DICKEY, AARON, US  
[72] CHOQUETTE, ROBERT, US  
[72] EGLE, LAWRENCE, US  
[71] MUSTANG VACUUM SYSTEMS, LLC, US  
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[25] EN  
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[54] EDULCORANTS DE SYNTHESE ET PERFORMANCE  
[72] LE COUTRE, JOHANNES, CH  
[72] DAMAK, SAMI, CH  
[72] VAN BLADEREN, PETER, CH  
[72] STELLINGWERFF, TRENT, CH  
[71] NESTEC S.A., CH  
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[25] EN  
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[54] REVETEMENTS DE GEL DE CLOU ARTIFICIELS, PIGMENTES, RETICULABLES PAR RADIATION, STABLES AU STOCKAGE ET FACILES A APPLIQUER  
[72] LEIN, GEORGE M., US  
[72] KOZACHECK, JOSEPH E., US  
[71] MYCONE DENTAL SUPPLY CO., INC., US  
[85] 2012-08-27  
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 [54] RAPPROCHEMENT DE DONNEES CLINIQUES DANS LE CADRE D'UNE SOLUTION DE GENERATION DE RAPPORT  
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 [72] KOLL, DETLEF, US  
 [71] MMODAL IP LLC, US  
 [85] 2012-08-24  
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 [54] PROCEDE DE COMMANDE OPERATIONNELLE D'UN ONDULEUR  
 [72] MULLER, TOBIAS, DE  
 [72] BREMICKE, SVEN, DE  
 [72] DE BRABANDERE, KAREL, DE  
 [71] SMA SOLAR TECHNOLOGY AG, DE  
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 [54] OUTIL EXTENSEUR POUR L'APPLICATION D'UN COUPLE SUR UN IMPLANT DENTAIRE  
 [72] ANITUA ALDECORA, EDUARDO, ES  
 [71] BIOTECHNOLOGY INSTITUTE, I  
 MAS D, S.L., ES  
 [85] 2012-08-28  
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 [54] COMPOSITIONS DE PEINTURES PULVERULENTES THERMODURCISSABLES PERMETTANT D'OBTENIR UNE SURFACE MATTE APRES DURCISSEMENT DU REVETEMENT, ET PROCEDE SIMPLE POUR LES PRODUIRE  
 [72] SPYROU, EMMANOUIL, DE  
 [72] GRENDIA, WERNER, DE  
 [72] WEIHRAUCH, THOMAS, DE  
 [72] LAMMERS, CHRISTOPH, DE  
 [72] BEHRENDT, KLAUS, DE  
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 [71] EVONIK DEGUSSA GMBH, DE  
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 [54] SYSTEMES ET PROCEDES POUR DESINFECTER DES FRUITS ET LEGUMES FRAIS DANS UN BAIN ACIDE  
 [72] LUZURIAGA, DIEGO A., US  
 [72] FILIPOWSKI, TIM, US  
 [72] LEWIS, DAVID K., US  
 [72] HO, KAI LAI GRACE, US  
 [71] FRESH EXPRESS, INC., US  
 [85] 2012-08-24  
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 [72] SADLOWSKI, EUGENE STEVEN, US  
 [72] SOPER, SHARI JOY, US  
 [71] THE PROCTER & GAMBLE COMPANY, US  
 [85] 2012-08-24  
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 [25] EN  
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 [54] PROCEDE ET APPAREIL PERMETTANT DE REALISER UN STATOR POUR UNE MACHINE ELECTRIQUE ET STATOR DE MACHINE ELECTRIQUE DOTE D'UN FACTEUR DE REMPLISSAGE ELEVE  
 [72] GUERCIONI, SANTE, IT  
 [71] TECNOMATIC S.P.A., IT  
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[25] EN  
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[54] DERIVES DE 6-BENZYLPHENYL-2-SULFURTERAHYDROPYRAN-3,4,5-TRIOL EN TANT QU'INHIBITEURS DE CO-TRANSPORTEURS 1 ET 2 DE SODIUM-GLUCOSE DESTINES A ETRE UTILISES CHEZ LES PATIENTS DIABETIQUES  
[72] BROWN, PHILIP MANTON, US  
[72] POWELL, DAVID REED, US  
[72] FREIMAN, JOEL PHILIP, US  
[71] LEXICON PHARMACEUTICALS, INC., US  
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[72] BEAUDOIN, JEAN, CA  
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[54] SIGNATURES DU GENE ASSOCIE A L'HYPOTHESE POUR LA CLASSIFICATION DU CANCER  
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[72] JAMMULAPATI, SRIKANTH, US  
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[72] BUZICK, BONNIE LEE, US  
[72] BAIR, ROBERT, US  
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[54] TRANSMISSIONS A VARIATION INFINIE, TRANSMISSIONS A VARIATION CONTINUE, PROCEDES, ENSEMBLES, SOUS-ENSEMBLES, ET COMPOSANTS S'Y RAPPORTEANT  
[72] LOHR, CHARLES B., US  
[72] DAWSON, ROBERT, US  
[72] POHL, BRAD P., US  
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[54] MILIEU FILTRANT COMPOSITE EXPANSE COMPRENANT UNE MATRICE DE NANOFIBRES ET PROCEDE  
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[72] GREEN, THOMAS B., US  
[71] CLARCOR INC., US  
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 [72] LEBRUN, HAROLD, CA  
 [72] GAUTHIER, BRUNO, CA  
 [72] PECORILLI, PATRICK, CA  
 [71] VIRTUAL PROCESS, CA  
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 [72] SUTER, ROBERT LEE, CA  
 [71] SUTER, ROBERT LEE, CA  
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 [25] EN  
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**[54] SYSTEME D'ETANCHEITE POUR LA SORTIE D'UNE BOUTEILLE DE GAZ COMPRIME REVETUE INTERIEUREMENT DE PLASTIQUE**  
 [72] SHARP, JEFFREY J., CA  
 [72] DUNCAN, MARK, CA  
 [71] DYNETEK INDUSTRIES LTD., CA  
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 [86] 2011-02-28 (PCT/CA2011/050118)  
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**[54] KINASE INHIBITORS AND METHOD OF TREATING CANCER WITH SAME**  
**[54] INHIBITEURS DE KINASES ET PROCEDE DE TRAITEMENT DU CANCER UTILISANT CEUX-CI**  
 [72] FEHER, MIKLOS, CA  
 [72] PATEL, NARENDRA KUMAR B., CA  
 [72] PAN, GUOHUA, CA  
 [72] LAUFER, RADOSLAW, CA  
 [72] EDWARDS, LOUISE G., CA  
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 [72] PAULS, HEINZ W., CA  
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 [72] LI, SZE-WAN, CA  
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 [72] SAMPSON, PETER BRENT, CA  
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 [25] EN  
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**[54] PROCEDE ET SYSTEME DE PARTAGE D'UN SIGNAL RECU PAR UNE ANTENNE**  
 [72] CAMPBELL, IAIN ROY, CA  
 [72] TRAN, MICHAEL HUU DUC, CA  
 [71] PSION INC., CA  
 [85] 2012-08-28  
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**[54] BOULON-CROCHET POUR FIXATION DE RAILS SUR DES TRAVERSES CREUSES**  
 [72] GART, EUGEN, DE  
 [72] SCHAEFER, SEBASTIAN, DE  
 [71] VOSSLOH-WERKE GMBH, DE  
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 [25] EN  
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**[54] FORMES CRISTALLINES DU SEL DE SODIUM DE 5-AMINO-2,3-DIHYDROPHthalazine-1,4-dione, PREPARATIONS PHARMACEUTIQUES CONTENANT CELLES-CI ET LEUR PROCEDE DE PRODUCTION**  
 [72] MARTIN, THOMAS, DE  
 [72] NIEDERMAIER, MICHAEL, DE  
 [72] MILIUS, WOLFGANG, DE  
 [72] LUDESCHER, BEATE, DE  
 [72] MAASS, GERRIT, DE  
 [72] KAISER, ASTRID, DE  
 [72] BREU, JOSEF, DE  
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 [71] METRIOPHARM AG, CH  
 [85] 2012-08-28  
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[25] EN  
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[54] SYSTEME D'ETANCHEITE ANTI-EXTRUSION POUR LA SORTIE D'UNE BOUTEILLE DE GAZ COMPRIME REVETUE INTERIEUREMENT DE PLASTIQUE  
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[86] 2011-02-28 (PCT/CA2011/050119)  
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[30] US (61/308,736) 2010-02-26  
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[54] MODULATION OF ANGIOGENESIS  
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[72] LEHMAN, NICHOLAS A., US  
[72] TING, ANTHONY E., US  
[72] WODA, JULIANA MEGAN, US  
[71] ABT HOLDING COMPANY, US  
[85] 2012-08-24  
[86] 2011-02-23 (PCT/US2011/025846)  
[87] 2011-09-01 (WO2011/106365)  
[30] US (61/308,103) 2010-02-25

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[25] EN  
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[54] MODE D'ACCES A UN EVENEMENT UTILISANT LE CHIFFREMENT DE CHAMPS DE DONNEES POUR LA VALIDATION ET LE CONTROLE D'ACCES  
[72] DE OLIVEIRA, MARCELO GOMES, US  
[72] JATOBA, PERCIVAL, BR  
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US  
[85] 2012-08-24  
[86] 2011-03-30 (PCT/US2011/030475)  
[87] 2011-10-13 (WO2011/126874)  
[30] US (61/319,226) 2010-03-30  
[30] US (61/329,022) 2010-04-28  
[30] US (13/074,245) 2011-03-29

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[25] EN  
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[54] PROCEDE DE LIAISON POUR MICROSISTEMES ET NANOSISTEMES SENSIBLES  
[72] ELFING, ANDERS, NO  
[72] STARK, BIRGER, NO  
[72] HOIVIK, NILS, NO  
[72] WANG, KAIYING, NO  
[71] SENSONOR TECHNOLOGIES AS, NO  
[85] 2012-08-28  
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[30] EP (10155251.1) 2010-03-02

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[54] FOCAL PLANE ARRAY AND METHOD FOR MANUFACTURING THE SAME  
[54] RESEAU DE PLANS FOCAUX ET PROCEDE DE FABRICATION D'UN RESEAU DE PLANS FOCAUX  
[72] LAPADATU, ADRIANA, NO  
[72] KITILSLAND, GJERMUND, NO  
[71] SENSONOR TECHNOLOGIES AS, NO  
[85] 2012-08-28  
[86] 2011-03-01 (PCT/EP2011/053049)  
[87] 2011-09-09 (WO2011/107486)  
[30] EP (10155250.3) 2010-03-02

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[54] FOCAL PLANE ARRAY AND METHOD FOR MANUFACTURING THE SAME  
[54] RESEAU PLAN-FOCAL ET PROCEDE DE FABRICATION D'UN RESEAU PLAN-FOCAL  
[72] KITILSLAND, GJERMUND, NO  
[72] LAPADATU, ADRIANA, NO  
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[54] PILE A COMBUSTIBLE A CHARGE VARIABLE  
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[72] BLANCHET, SCOTT, US  
[71] NUVERA FUEL CELLS INC., US  
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[72] BEHRENDT, KLAUS, DE  
[72] GRENDIA, WERNER, DE  
[72] SPYROU, EMMANOUIL, DE  
[72] WEIHRAUCH, THOMAS, DE  
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[72] FLEISSMAN, LEONA GIAT, US  
[71] AVON PRODUCTS, INC., US  
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[54] APPAREIL ET PROCEDES DE SPECTROMETRIE DE MASSE  
[72] BREAM, DAVID, GB  
[72] NEWMAN, CHRISTOPHER, GB  
[72] WEBB, BRIAN, CHRISTOPHER, GB  
[71] ILIKA TECHNOLOGIES LIMITED, GB  
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[72] LESKIWI, CHRIS, CA  
[71] UTI LIMITED PARTNERSHIP, CA  
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[54] SYSTEME DE MANIPULATION ET DE GESTION DE DONNEES PERSONNELLES SECURISEES  
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[72] KORMAN, AVNER, IL  
[71] OS - NEW HORIZON PERSONAL COMPUTING SOLUTIONS LTD., IL  
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[54] SYSTEME ET PROCEDE POUR LA COLLECTE DE DONNEES RAPIDE A PARTIR DE CAPTEURS DE PRESSION DANS UN SYSTEME DE DETECTION DE PRESSION  
[72] WEISS, DAN, IL  
[72] POLIAKINE, RUTH, IL  
[72] ASHER, TSAHI, IL  
[72] ASSULINE, YONATAN, IL  
[72] AVERBUCH, GUSTI, IL  
[72] REMEZ, TAL, IL  
[72] GREENSTEIN, LIOR, IL  
[72] BEN DAVID, BOAZ, IL  
[72] BEN SHALOM, AMIR, IL  
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[72] BOISVERT, RAYMOND, CA  
[71] 9224-9838 QUEBEC INC., CA  
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[72] DRAKE, TREVOR, AU  
[71] SOLID RACKS PTY LIMITED, AU  
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[72] YE, JUNG, US  
[72] FRIIS, ESBEN, DK  
[72] HEU, TIA, US  
[72] OTANI, SUZANNE, US  
[72] CASSLAND, PIERRE, SE  
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[54] SYSTEME DE TRAITEMENT DE GAZ D'ECHAPPEMENT AVEC UN DISPOSITIF D'ELIMINATION DU DIOXYDE DE CARBONE  
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[72] TAKAMOTO, SHIGEHITO, JP  
[72] SHIMAMURA, JUN, JP  
[72] ODA, NAOKI, JP  
[72] KURAMOTO, MASAHIRO, JP  
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[54] CONTENANT DE TONER ET APPAREIL DE FORMATION D'IMAGE  
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[72] SUZUKI, YUJI, JP  
[72] TAKAMI, NOBUO, JP  
[72] YAMABE, JUNJI, JP  
[72] SUZUKI, MASATO, JP  
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[72] KIMURA, NORIYUKI, JP  
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[71] RICOH COMPANY, LIMITED, JP  
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[72] OKAWA, TADASHI, JP  
[71] DOW CORNING TORAY CO., LTD., JP  
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[72] TABUCHI, KEIJI, JP  
[72] HIBI, CHIHIRO, JP  
[71] UNIVERSITY OF TSUKUBA, JP  
[71] SANWA KAGAKU KENKYUSHO CO., LTD., JP  
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[54] PROCEDE POUR LA PRODUCTION DE LA PROTEINE INTERFERON RECOMBINANTE SOLUBLE SANS DENATURATION  
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[72] FENG, PING-HUA, US  
[72] SENGCHANTHALANGSY, LEI LEI PHOKHAM, US  
[72] CHEW, LAWRENCE, US  
[72] HANEY, KEITH L., US  
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[54] APPAREIL D'EMISSION ET DE RECEPTION DE SIGNAL DANS UN SYSTEME D'ANTENNES DISTRIBUEES  
[72] KANG, JI WON, KR  
[72] IHM, BIN CHUL, KR  
[72] CHUN, JIN YOUNG, KR  
[71] LG ELECTRONICS INC., KR  
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[54] SYSTEME ET PROCEDE PERMETTANT D'OBTENIR UNE NAVIGATION AMELIOREE DANS UN CONTENU SUR UN DISPOSITIF LECTEUR  
[72] LESHNER, WILLIAM, US  
[72] DUGA, BRADY, US  
[72] RIVLIN, JOHN, US  
[72] CONBOY, GARTH, US  
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[71] EBOOK TECHNOLOGIES, INC., US  
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[54] SYSTEME D'EMISSION/RECEPTION ET PROCEDE D'EMISSION/RECEPTION  
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[71] NEC INFRONTIA CORPORATION, JP  
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[54] COMPOSITIONS COSMETIQUES COLOREES PROBIOTIQUES ET PROCEDES  
[72] DAO, KHANH NGOC, US  
[72] MERCADO, CLARA G., US  
[72] LOGALBO, JOHN F., US  
[71] ELC MANAGEMENT LLC, US  
[85] 2012-08-24  
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[25] EN  
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[54] SYSTEME D'ANALYSE DE TRAITEMENT DE LA PEAU UTILISANT DES DONNEES D'IMAGES SPECTRALES AFIN DE GENERER UN MODELE RGB 3D  
[72] CUMMINS, PHILLIP, US  
[72] VANDEROVER, GARRETT WILLIAM, US  
[72] FTHENAKIS, CHRISTINA G., US  
[72] JORGENSEN, LISE W., US  
[71] ELC MANAGEMENT LLC, US  
[85] 2012-08-24  
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[54] EMULSION DE BOULANGERIE A TENEUR EN MATIERES GRASSES REDUITE ET UTILISATION DE L'EMULSION DANS PREPARATION DE PATE FEUILLETEE  
[72] VESSIERE, LAURENT MARC, BE  
[72] DE MOL, MARC MARCEL MATHILDE, BE  
[71] CSM NEDERLAND B.V., NL  
[85] 2012-08-28  
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[54] ENSEMBLE DE COLONNE CHROMATOGRAPHIQUE COMPRENANT UN DISPOSITIF DE FIXATION D'UN MAILLAGE EN PLASTIQUE  
[72] SALOMONSSON, DANIEL, SE  
[72] BENNEMO, PETTER, SE  
[72] USELIUS, PER, SE  
[71] GE HEALTHCARE BIO-SCIENCES AB, SE  
[85] 2012-08-28  
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[54] METHOD FOR PREPARING AN ABSORBER THIN FILM FOR PHOTOVOLTAIC CELLS  
[72] LINCOL, DANIEL, FR  
[72] CHASSAING, ELISABETH, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS, FR  
[71] ELECTRICITE DE FRANCE, FR  
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[72] TOORELL, PATRICK, SE  
[72] HANKVIST, KENT, SE  
[71] STO AG, DE  
[85] 2012-08-28  
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[54] ASPIRATEUR MUNI DE ROUES MOBILES  
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[25] EN  
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[54] PROCEDE DE RE-USINAGE DE LA SURFACE USEE DE CYLINDRES DE BROYAGE D'UN BROYEUR A CYLINDRES A LIT DE MATIERE  
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[54] AUTO-ANTICORPS NATURELS ANTI-ALPHA-SYNUCLEINE QUI INHIBENT L'AGREGATION ET LA CYTOTOXICITE DE L'ALPHA-SYNUCLEINE  
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[85] 2012-08-29  
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A61P 37/08 (2006.01) C07D 403/04 (2006.01) C07D 405/14 (2006.01)  
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G01N 30/02 (2006.01) G01N 30/90 (2006.01) G01N 33/15 (2006.01)  
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[54] ALIMENT COMPRENANT DU GLUCOMANNANE, DE LA GOMME DE XANTHANE ET UN ALGINATE POUR LE TRAITEMENT DE TROUBLES METABOLIQUES  
[72] WOOD, SIMON, CA  
[72] LAWSON, CHRISTOPHER JOHN, GB  
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[72] MC CORT, GARY, FR  
[72] STRUEBING, CARSTEN, DE  
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[54] DISPOSITIF DE CHAUFFAGE A CYCLE THERMODYNAMIQUE IRREVERSIBLE, POUR INSTALLATIONS DE CHAUFFAGE AYANT UNE HAUTE TEMPERATURE DE SORTIE  
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[71] INNOVATION FACTORY S.R.L., IT  
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[54] APPAREIL A CHAMP MAGNETIQUE EN SPIRALE ET PROCEDE D'INSPECTION DE PIPELINE  
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[71] PURE TECHNOLOGIES LTD., CA  
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[54] COMPOSITION BIOCIDE ET PROCEDE  
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[71] ARCIS BIOTECHNOLOGY LIMITED, GB  
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[72] WARDEN, JAMES PAUL, US  
[72] CHITTURI, SURESH, US  
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[72] NORTON, CLIVE RICHARD THOMAS, GB  
[72] MARSHALL, SARAH, GB  
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[54] PROCÉDÉ ET INSTALLATION DE LIQUEFACTION DE GAZ DE CARNEAU ISSU D'INSTALLATIONS DE COMBUSTION  
[72] STALLMANN, OLAF, DE  
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[54] COMPOSES, COMPOSITIONS, FORMULATIONS ET LEURS UTILISATIONS  
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[25] EN  
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[54] SYSTÈME, DISPOSITIF ET PROCÉDÉS DE TRAITEMENT DE TISSU POUR PARVENIR À DES EFFETS SPÉCIFIQUES À UN TISSU  
[72] IGER, YONI, IL  
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[54] VARENICLINE DE HAUTE PURITE OU SON SEL PHARMACEUTIQUEMENT ACCEPTABLE SENSIBLEMENT EXEMPT D'IMPURETE METHYLVARENICLINE  
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[72] KUMAR, ARVAPALLY SESHU, IN  
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[30] IN (611/CHE/2010) 2010-03-09

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[54] ALPHA-GALACTOSIDASE STABILISEE ET SES APPLICATIONS  
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[72] SHEKHTER, TALIA, IL  
[72] RUDERFER, ILYA, IL  
[72] SHULMAN, AVIDOR, IL  
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[30] US (61/309,487) 2010-03-02  
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[54] SYSTEME DE REGULATION DE FLUX ET DISPOSITIF DE SURVEILLANCE COMPRENANT L'EDIT SYSTEME DE REGULATION DE FLUX POUR LA DETECTION DE SUBSTANCES A ANALYSER EN SUSPENSION DANS L'AIR  
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[72] DALENE, MARIANNE, SE  
[71] PROVTAGAREN AB, SE  
[85] 2012-08-29  
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[30] US (61/309,123) 2010-03-01

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[54] DISPOSITIF DE DETECTION DE RESPIRATION  
[72] PATRIKSSON, OLA, SE  
[71] CONSENSUM AS, NO  
[85] 2012-08-29  
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[25] EN  
[54] COMPOSITION COMPRISING AN ACTIVE SUBSTANCE AND A POLYALKYLENEOXIDE VINYLESTER GRAFT POLYMER  
[54] COMPOSITION COMPRENANT UNE SUBSTANCE ACTIVE ET UN POLYMERÉ D'ESTER VINYLIQUE GREFFE PAR UN OXYDE DE POLYALKYLENE  
[72] BRASHER, LAURA L., US  
[72] CAPRACOTTA, MICHAEL D., US  
[72] PATTERSON, SONIA, US  
[72] MERTOGLU, MURAT, DE  
[72] NOLTE, MARC, DE  
[72] BECHTEL, STEFAN, DE  
[72] KLAAPPACH, KRISTIN, DE  
[71] BASF SE, DE  
[85] 2012-08-29  
[86] 2011-03-04 (PCT/EP2011/053261)  
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[30] US (61/311,636) 2010-03-08  
[30] EP (10158356.5) 2010-03-30

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[25] EN  
[54] HEAT EXCHANGE ELEMENT, A HEAT EXCHANGER COMPRISING THE ELEMENTS, AND AN EQUIPMENT FOR THE MANUFACTURE OF THE ELEMENTS  
[54] ELEMENT D'ECHANGE DE CHALEUR, ECHANGEUR DE CHALEUR COMPRENANT LES ELEMENTS, ET EQUIPEMENT POUR LA FABRICATION DES ELEMENTS  
[72] RAMM-SCHMIDT, LEIF, FI  
[72] GANESARAMAN, ARUN, IN  
[71] ARVIND ACCEL LIMITED, IN  
[85] 2012-08-29  
[86] 2010-03-08 (PCT/FI2010/050172)  
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[25] FR  
[54] UTILISATION D'ISOQUINOLONES POUR LA PREPARATION DE MEDICAMENTS, NOUVELLES ISOQUINOLONES ET LEUR PROCEDE DE SYNTHESE  
[54] USE OF ISOQUINOLONES FOR PREPARING DRUGS, NOVEL ISOQUINOLONES AND METHOD FOR SYNTHESISING SAME  
[72] POPOV, ANDREI, FR  
[72] JUHEM, AURELIE, FR  
[72] FLORENT, JEAN-CLAUDE, FR  
[72] N'GUYEN, CHI-HUNG, FR  
[71] UNIVERSITE JOSEPH FOURIER, FR  
[71] INSTITUT CURIE, FR  
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[25] EN  
[54] RADIOACTIVE IODINE-LABELED ORGANIC COMPOUND OR SALT THEREOF  
[54] COMPOSE ORGANIQUE MARQUE A L'IODE RADIOACTIF OU SEL DE CE COMPOSE  
[72] SEKI, IKUYA, JP  
[72] ONO, MASAHIRO, JP  
[72] SAJI, HIDEO, JP  
[71] NIHON MEDI+PHYSICS CO., LTD., JP  
[71] KYOTO UNIVERSITY, JP  
[85] 2012-08-29  
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[25] EN  
[54] HEATED MASCARA APPLICATOR AND SUITABLE COMPOSITIONS  
[54] APPLICATEUR DE MASCARA CHAUFFE ET COMPOSITIONS ADAPTEES  
[72] JACOB, CHRISTOPHE, FR  
[72] DUFFIN, RODNEY J., US  
[72] MURPHY, PETER, US  
[72] FALETTI, STEPHEN VAN BEEK, US  
[72] BOUIX, HERVE F., US  
[71] ELC MANAGEMENT LLC, US  
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[54] SYSTEMES ET PROCEDES DE TRAITEMENT DE LA PROSTATE  
[72] SCHROM, MARK, US  
[72] HOEY, MICHAEL, US  
[72] BEYREIS, RANDALL, US  
[72] PAULOS, STEPHANOS, US  
[71] NXATHERA, INC., US  
[85] 2012-08-24  
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[25] EN  
[54] METHOD FOR PRODUCING GLUCOSIDASE, ENZYME COMPOSITION, AND METHOD FOR HYDROLYZING BIOMASS  
[54] METHODE DE PRODUCTION DE GLUCOSIDASE, COMPOSITION ENZYMATIQUE ET METHODE D'HYDROLYSE DE BIOMASSE  
[72] KADO, YUJI, JP  
[72] WADA, YASUNOBU, JP  
[72] KURIHARA, HIROYUKI, JP  
[72] ISHIKAWA, KAZUHIKO, JP  
[72] YAMADA, KATSUSHIGE, JP  
[72] WATANABE, SHIOMI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2012-08-29  
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[54] CATALYSEURS PERFECTIONNES POUR APPLICATIONS AUTOMOBILES  
[72] BIBERGER, MAXIMILIAN A., US  
[72] LEAMON, DAVID, US  
[72] QI, XIWANG, US  
[72] YIN, QINGHUA, US  
[71] SDCMATERIALS, INC., US  
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[25] EN  
[54] KETOPROFEN-CONTAINING WATER-BASED PATCH  
[54] TIMBRE TRANSDERMIQUE ADHESIF AQUEUX CONTENANT DU KETOPROFENE  
[72] TANI, KAZUHA, JP  
[71] TEIKOKU SEIYAKU CO., LTD., JP  
[85] 2012-08-29  
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[54] COMPOSITION D'ACIDE ADIPIQUE  
[72] BOUSSIE, THOMAS R., US  
[72] SHOEMAKER, JAMES, US  
[72] FRESCO, ZACHARY M., US  
[72] MURPHY, VINCENT J., US  
[72] DIAS, ERIC L., US  
[72] JIANG, HONG, US  
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[85] 2012-08-29  
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[25] EN  
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[54] SYSTEMES ET PROCEDES D'IDENTIFICATION DE DIFFERENCES DANS DES HABITUDES DE DEPENSE  
[72] WINTERS, MICHELLE ENG, US  
[71] VISA U.S.A. INC., US  
[85] 2012-08-29  
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[54] SYSTEMES ET PROCEDES PERMETTANT D'IDENTIFIER DES HABITUDES DE DEPENSE  
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[71] VISA U.S.A. INC., US  
[85] 2012-08-29  
[86] 2011-03-18 (PCT/US2011/029023)  
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[30] US (13/050,889) 2011-03-17

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[25] EN  
[54] CYCLOALKYL-SUBSTITUTED IMIDAZOLE DERIVATIVE  
[54] DERIVE D'IMIDAZOLE SUBSTITUE PAR CYCLOALKYLE  
[72] NAGATA, TSUTOMU, JP  
[72] ASHIDA, YUKA, JP  
[72] ONO, MAKOTO, JP  
[72] NOGUCHI, KENGO, JP  
[72] INOUE, MASAHIRO, JP  
[71] DAIICHI SANKYO COMPANY, LIMITED, JP  
[85] 2012-08-29  
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[25] EN  
[54] MULTIDIRECTIONAL TRANSPORT SYSTEM  
[54] SYSTEME DE TRANSPORT MULTIDIRECTIONNEL  
[72] QUATTLEBAUM, GORDON THOMAS, MX  
[71] QUATTLEBAUM, GORDON THOMAS, MX  
[85] 2012-08-29  
[86] 2011-03-21 (PCT/US2011/029177)  
[87] 2011-09-22 (WO2011/116370)  
[30] US (61/315,619) 2010-03-19

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[25] EN  
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[72] VANDIEST, SCOTT ALAN, US  
[72] ZOUTENDAM, PAUL HENRY, US  
[72] KESTER, JEFFREY JOHN, US  
[72] DAVID, JAIRUS R. D., US  
[72] EKANAYAKE, ATHULA, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2012-08-29  
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[51] Int.Cl. G03G 15/08 (2006.01)  
[25] EN  
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[54] CARTOUCHE DE TONER ET DISPOSITIF DE FORMATION D'IMAGES  
[72] SUZUKI, YUJI, JP  
[72] TAKAMI, NOBUO, JP  
[72] HORI, EISUKE, JP  
[72] KIMURA, HIDEKI, JP  
[72] KIMURA, NORIYUKI, JP  
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[71] RICOH COMPANY, LTD., JP  
[85] 2012-08-29  
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[30] JP (2010-052751) 2010-03-10  
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[25] EN  
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[54] COMPOSITIONS DE POLYSULFURE D'ARYLENE  
[72] RITTER, JOACHIM, C., US  
[72] HOWE, JOHN C., US  
[72] HUANG, ZHENG-ZHENG, US  
[72] KRISHNAMURTHY, LAKSHMI, US  
[72] POTTIGER, MICHAEL T., US  
[72] POLLINO, JOEL, M., US  
[72] BRUN, YEFIM, US  
[72] YIN, ZUOHONG, US  
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[72] SAMUELSON, HARRY VAUGHN, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2012-08-29  
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[30] US (61/316,040) 2010-03-22

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(2006.01) F28F 9/013 (2006.01)  
[25] EN  
[54] PIPE SPACER  
[54] ELEMENT D'ESPACEMENT POUR  
TUYAU  
[72] CARBONNEAU, JUSTIN, CA  
[72] ST-PIERRE, ALEXANDRE, CA  
[72] COTTA, NICOLAS, CA  
[72] ROTONDO, JACQUES, CA  
[72] LAMBERT, PATRICK, CA  
[72] ROTONDO, ANDRE D., CA  
[71] SUPRANERGIE INC., CA  
[85] 2012-08-30  
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[54] COMPLEXES DE  
POLYELECTROLYTES  
[72] SMITH, WILLIAM L., US  
[72] SCALES, CHARLES W., US  
[72] BENNETT, CARL W., US  
[72] LESTAGE, DAVID J., US  
[72] SCHEUING, DAVID R., US  
[72] KNOCK, MONA M., US  
[72] ZHANG, RUI, US  
[71] THE CLOROX COMPANY, US  
[85] 2012-08-29  
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183/04 (2006.01)  
[25] EN  
[54] LIQUID CURABLE SILICONE  
RUBBER COMPOSITION AND WOVEN  
FABRIC COATED WITH CURED  
PRODUCT OF THE SAME  
COMPOSITION  
[54] COMPOSITION DE  
CAOUTCHOUC DE SILICONE  
LIQUIDE DURCISSABLE ET ETOFFE  
TISSEE REVETUE DU PRODUIT DURCI  
OBTENU A PARTIR DE CETTE  
COMPOSITION  
[72] TSUJI, YUICHI, JP  
[72] YAMAMOTO, SHINICHI, JP  
[72] BLACKWOOD, WILLIAM R., US  
[71] DOW CORNING CORPORATION, US  
[71] DOW CORNING TORAY CO., LTD.,  
JP  
[85] 2012-08-29  
[86] 2011-04-26 (PCT/US2011/033963)  
[87] 2011-11-03 (WO2011/137121)  
[30] US (61/329,589) 2010-04-30

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[51] Int.Cl. A23G 9/04 (2006.01)  
[25] EN  
[54] ICE CREAM OR ICE CREAM-LIKE  
PRODUCT AND METHOD FOR  
PRODUCING SAME  
[54] CREME GLACEE OU PRODUIT DE  
TYPE CREME GLACEE ET SON  
PROCEDE DE PRODUCTION  
[72] MIWA, NORIKO, JP  
[72] OHASHI, WAKAKO, JP  
[71] AJINOMOTO CO., INC., JP  
[71] AMANO ENZYME INC., JP  
[85] 2012-08-29  
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[30] JP (2010-081175) 2010-03-31

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[25] EN  
[54] ACCESSING LOCAL NETWORK  
RESOURCES IN A MULTI-INTERFACE  
SYSTEM  
[54] ACCES A DES RESSOURCES DE  
RESEAU LOCAL DANS UN SYSTEME  
MULTI-INTERFACE  
[72] ARMSTRONG, NICHOLAS, CA  
[72] SCHMIDTKE, JAKUB, CA  
[72] ROBINSON, ROBERT, CA  
[72] TSUI, SEVERN, CA  
[71] PRAVALA INC., CA  
[85] 2012-08-30  
[86] 2011-09-26 (PCT/CA2011/001078)  
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[30] US (61/386,139) 2010-09-24

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042 (2006.01) E21D 21/00 (2006.01)  
[25] EN  
[54] METHOD FOR DRILLING, IN  
PARTICULAR PERCUSSION OR  
ROTARY PERCUSSION DRILLING,  
HOLES IN SOIL OR ROCK MATERIAL,  
AND DEVICE THEREFOR  
[54] PROCEDE DE FORAGE, EN  
PARTICULIER DE FORAGE PAR  
PERCUSSION OU PAR  
ROTOPERCUSION POUR CREUSER  
DES TROUS DANS LE SOL OU DANS  
DES ROCHE ET DISPOSITIF ASSOCIE  
[72] KARPELLUS, WALTER, AT  
[72] BOHM, KARL, AT  
[71] DYWIDAG-SYSTEMS  
INTERNATIONAL GMBH, AT  
[85] 2012-08-30  
[86] 2010-11-05 (PCT/AT2010/000422)  
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[25] EN  
[54] PIPE SEALING TOOL WITH EXTERNAL CLAMP  
[54] OUTIL D'OBTURATION HERMETIQUE DE TUYAU POURVU D'UN COLLIER DE FIXATION EXTERNE  
[72] CARSON, GLENN, CA  
[71] CAR-BER INVESTMENTS INC., CA  
[85] 2012-08-30  
[86] 2011-03-01 (PCT/CA2011/050121)  
[87] 2011-09-09 (WO2011/106893)  
[30] US (12/715,168) 2010-03-01

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[25] EN  
[54] PHARMACEUTICAL COMPOSITION FOR THE PREVENTION OR TREATMENT OF OSTEOARTHRITIS CONTAINING REBAMIPIDE AS AN ACTIVE INGREDIENT  
[54] COMPOSITION PHARMACEUTIQUE POUR LA PREVENTION OU LE TRAITEMENT DE L'OSTEOARTHRITE CONTENANT DU REBAMIPIDE EN TANT QUE PRINCIPE ACTIF  
[72] KWAK, EUN-YOUNG, KR  
[72] LEE, GEUN-HYEONG, KR  
[72] PARK, JIN-HA, KR  
[72] CHOI, BYONG-SUN, KR  
[72] CHO, MI-LA, KR  
[72] WOO, YUN-JU, KR  
[72] OH, HYE-JWA, KR  
[72] JUNG, YOUNG-OK, KR  
[72] MIN, JUN-KI, KR  
[71] CATHOLIC UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION, KR  
[71] HANLIM PHARMACEUTICAL CO., LTD., KR  
[85] 2012-08-29  
[86] 2011-03-04 (PCT/KR2011/001497)  
[87] 2011-09-09 (WO2011/108882)  
[30] KR (10-2010-0019671) 2010-03-05

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[25] EN  
[54] PIPE SEALING TOOL WITH EXTERNAL AND INTERNAL CLAMP  
[54] OUTIL D'OBTURATION HERMETIQUE DE TUYAU ET COLLIER DE FIXATION INTERNE  
[72] CARSON, GLENN, CA  
[71] CAR-BER INVESTMENTS INC., CA  
[85] 2012-08-30  
[86] 2011-03-01 (PCT/CA2011/050122)  
[87] 2011-09-09 (WO2011/106894)  
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[25] EN  
[54] FILTER BYPASS  
[54] CONTOURNEMENT DE FILTRE  
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[71] GENERAL ELECTRIC COMPANY, US  
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[71] NUVENCO IP, LLC, US  
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[72] PIATNIK, TODD JOSEPH, US  
[72] UBIDA, FERNANDO A., US  
[72] STEIN, AARON M., US  
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[72] PETLURI, RAGHURAM L. V., US  
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[72] IFTIME, GABRIEL, CA
[72] ODELL, PETER G., CA
[71] XEROX CORPORATION, US
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[72] KORTLEVE-SNIDER, TONY, CA
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[54] ENVOI D'UNE REPONSE LOCALE A UNE CONDITION LOCALE DANS UN PUITS DE PETR LE  
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[72] RODNEY, PAUL F., US  
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[54] METHODE ET APPAREILLAGE POUR LA PREPARATION DE BANDES DE ROULEMENT DESTINEES AUX PNEUS RECHAPPES  
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[72] GRIDLEY, JASON L., US  
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[71] STEMGEN S.P.A., IT  
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[25] EN  
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[54] ACIDES QUINOLONECARBOXYLIQUES, DERIVES DE CEUX-CI ET PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI  
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[71] BAUSCH & LOMB INCORPORATED, US  
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[54] MONTAGE DE DECLENCHEUR POUR L'EXCITATION DES ONDES DE FLEXION D'UNE FIBRE OPTIQUE  
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[72] PILIPOVICH, PAUL, US  
[72] DIMMICK, TIMOTHY E., US  
[72] DEESE, TODD E., US  
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[54] COMPOSITIONS CONTENANT DE LA QUINOLONE ET PROCEDES DE TRAITEMENT OU DE REGULATION D'INFECTIONS  
[72] XIA, ERNING, US  
[72] JONASSE, MATTHEW SCOTT, US  
[72] WANG, HONGNA, US  
[72] VENKATESH, SRINI, US  
[71] BAUSCH & LOMB INCORPORATED, US  
[22] 2008-09-10  
[41] 2009-04-02  
[62] 2,698,221  
[30] US (60/974,141) 2007-09-21

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[21] **2,790,795**  
[13] A1

[51] Int.Cl. A61M 5/32 (2006.01) A61M 5/158 (2006.01)  
[25] EN  
[54] NEEDLE PROTECTION ASSEMBLY  
[54] DISPOSITIF DE PROTECTION D'AIGUILLE  
[72] HAURI, MARIUS, US  
[71] SMITHS MEDICAL ASD, INC., US  
[22] 2004-08-19  
[41] 2005-03-17  
[62] 2,535,773  
[30] US (10/649,837) 2003-08-28

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[21] **2,790,771**  
[13] A1

[51] Int.Cl. G06Q 10/06 (2012.01) G06Q 40/02 (2012.01)  
[25] EN  
[54] SYSTEM AND METHOD FOR MANAGING ACCOUNTS PAYABLE AND ACCOUNTS RECEIVABLE  
[54] SYSTEME ET PROCEDE DE GESTION DE DETTES ET DE CREANCES  
[72] LEVENTHAL, JEFFREY P., US  
[71] ONFORCE, INC., US  
[22] 2004-04-27  
[41] 2004-11-11  
[62] 2,528,181  
[30] US (60/465,977) 2003-04-28  
[30] US (10/692,181) 2003-10-23  
[30] US (10/755,727) 2004-01-12

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[21] **2,790,789**  
[13] A1

[51] Int.Cl. G02F 1/125 (2006.01) G02B 6/36 (2006.01) G02F 1/33 (2006.01)  
[25] EN  
[54] ACTUATOR ARRANGEMENT FOR EXCITATION OF FLEXURAL WAVES ON AN OPTICAL FIBER  
[54] MONTAGE DE DECLENCHEUR POUR L'EXCITATION DES ONDES DE FLEXION D'UNE FIBRE OPTIQUE  
[72] NIEMEIER, CURTIS R., US  
[72] DEESE, TODD E., US  
[72] PILIPOVICH, PAUL, US  
[72] KOENEMAN, PAUL B., US  
[72] HARPER, KEVIN R., US  
[72] DIMMICK, TIMOTHY E., US  
[71] HARRIS CORPORATION, US  
[22] 2007-06-27  
[41] 2007-12-28  
[62] 2,592,665  
[30] US (11/477,107) 2006-06-28

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[21] **2,790,800**  
[13] A1

[51] Int.Cl. G06K 19/00 (2006.01) B41J 2/32 (2006.01) B41J 13/12 (2006.01) G06K 5/00 (2006.01) G07F 17/32 (2006.01)

[25] EN  
[54] REWRITABLE CARD PRINTER WITH RETRACTABLE HEAD  
[54] IMPRIMANTE DE CARTES REINSCRIPTIBLES A TETE RETRACTABLE  
[72] MEYERHOFER, ERIC, US  
[72] CRIVELLI, FRANCO, US  
[72] WELLS, WILLIAM R., US  
[72] HEDRICK, JOSEPH R., US  
[71] IGT, US  
[22] 2004-09-02  
[41] 2005-03-10  
[62] 2,668,313  
[30] US (10/654,521) 2003-09-02

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[21] **2,790,772**  
[13] A1

[51] Int.Cl. E05C 7/04 (2006.01)  
[25] EN  
[54] MULTI-POINT ENTRYWAY LOCKING SYSTEM AND ASTRAGAL  
[54] SYSTEME DE VERROUILLAGE D'ENTREE A POINTS MULTIPLES ET ASTRAGALE  
[72] KROCHMAL, ANDREW, US  
[72] MITCHELL, MICHAEL K., US  
[71] ENDURA PRODUCTS, INC., US  
[22] 2010-02-19  
[41] 2010-08-23  
[62] 2,693,833  
[30] US (12/390,976) 2009-02-23

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[21] **2,790,801**  
[13] A1

[51] Int.Cl. E05C 7/04 (2006.01)  
[25] EN  
[54] MULTI-POINT ENTRYWAY LOCKING SYSTEM AND ASTRAGAL  
[54] SYSTEME DE VERROUILLAGE D'ENTREE A POINTS MULTIPLES ET ASTRAGALE  
[72] KROCHMAL, ANDREW, US  
[72] MITCHELL, MICHAEL K., US  
[71] ENDURA PRODUCTS, INC., US  
[22] 2010-02-19  
[41] 2010-08-23  
[62] 2,693,833  
[30] US (12/390,976) 2009-02-23

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[21] **2,790,803**  
[13] A1

[51] Int.Cl. H02H 7/00 (2006.01) H02K 11/00 (2006.01) H02P 9/02 (2006.01)

[25] EN

[54] FAULT CLEARING METHOD FOR PERMANENT MAGNET MACHINES  
[54] METHODE DE SUPPRESSION DES ANOMALIES DES MACHINES A AIMANT PERMANENT

[72] PATTERSON, STANLEY C., US  
[71] ASTRONICS ADVANCED ELECTRONIC SYSTEMS CORP., US

[22] 2009-03-05

[41] 2009-09-14

[62] 2,657,070

[30] US (61/069,512) 2008-03-14

[30] US (12/380,326) 2009-02-26

[21] **2,790,807**  
[13] A1

[51] Int.Cl. G01R 31/02 (2006.01) H02H 3/16 (2006.01)

[25] EN

[54] ARC FAULT DETECTOR WITH CIRCUIT INTERRUPTER

[54] DETECTEUR DE DEFAUT D'ARC AVEC COUPE-CIRCUIT

[72] KOLKER, DAVID, US

[72] MERNYK, ROSS, US

[72] BRADLEY, ROGER M., US

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

[22] 2003-10-03

[41] 2004-04-03

[62] 2,444,159

[30] US (10/263,919) 2002-10-03

[21] **2,790,808**  
[13] A1

[51] Int.Cl. A01N 63/02 (2006.01) A01P 21/00 (2006.01)

[25] EN

[54] USE OF LIPO-CHITOOLIGOSACCHARIDES TO INITIATE EARLY FLOWERING LEADING TO INCREASED FLOWER NUMBERS AND INCREASED YIELD IN PLANTS AND RELATED METHODS AND COMPOSITIONS

[54] UTILISATION DE LIPO-CHITOOLIGOSACCHARIDES AFIN DE DECLENCHEZ UNE FLORAISON ET UN DEVELOPPEMENT DES FRUITS PRECOCES DANS DES PLANTES ET PROCEDES ET COMPOSITIONS ASSOCIES

[72] SCHULTZ, BIRGIT CAROLYN, CA

[72] CHOLEWA, EWA MARIA, CA

[72] CHEN, CHUNQUAN, CA

[72] YANG, YANG, CA

[72] MCIVER, JOHN DAVID, CA

[71] NOVOZYMES BIOLOGICALS HOLDING A/S, DK

[22] 2004-04-22

[41] 2004-11-04

[62] 2,522,823

[30] US (60/464,455) 2003-04-22

[21] **2,790,809**  
[13] A1

[51] Int.Cl. A01N 45/02 (2006.01) A01N 37/34 (2006.01) A01N 43/38 (2006.01) A01N 43/54 (2006.01) A01P 3/00 (2006.01)

[25] EN

[54] SYNERGISTIC FUNGICIDAL COMBINATIONS

[54] COMPOSITIONS FONGICIDES SYNERGIQUES

[72] WALTER, HARALD, CH

[72] TOBLER, HANS, CH

[72] LAMBERTH, CLEMENS, CH

[72] CORSI, CAMILLA, CH

[72] EHRENFREUND, JOSEF, CH

[71] SYNGENTA PARTICIPATIONS AG, CH

[22] 2005-10-06

[41] 2006-04-13

[62] 2,580,245

[30] GB (0422401.0) 2004-10-08

[21] **2,790,841**  
[13] A1

[51] Int.Cl. G01L 13/00 (2006.01) E21B 47/06 (2012.01) G01V 9/00 (2006.01)

[25] EN

[54] PRESSURE SENSOR ARRANGEMENT USING AN OPTICAL FIBER AND METHODOLOGIES FOR PERFORMING AN ANALYSIS OF A SUBTERRANEAN FORMATION

[54] AGENCEMENT DE CAPTEURS DE PRESSION UTILISANT UNE FIBRE OPTIQUE ET METHODOLOGIES POUR REALISER UNE ANALYSE D'UNE FORMATION SOUTERRAINE

[72] KIDDY, JASON S., US

[72] NIEMCZUK, JOHN B., US

[72] BALDWIN, CHRISTOPHER S., US

[72] VINCELETTE, ANDRE R., CA

[72] LEFEVBRE, PAUL, CA

[71] LXDATA INC., CA

[22] 2010-04-22

[41] 2010-10-28

[62] 2,744,734

[30] US (61/202,945) 2009-04-22

[21] **2,791,086**  
[13] A1

[51] Int.Cl. A61F 2/84 (2006.01) A61F 2/82 (2006.01) A61F 2/90 (2006.01) A61M 25/10 (2006.01)

[25] EN

[54] DIRECTIONAL EXPANSION OF INTRALUMINAL DEVICES

[54] EXTENSION DIRECTIONNELLE DE DISPOSITIFS INTRALUMINAUX

[72] PENA DUQUE, MARCO ANTONIO, MX

[72] VONDERWALDE, CARLOS, CA

[71] PENA DUQUE, MARCO ANTONIO, MX

[71] VONDERWALDE, CARLOS, CA

[22] 2009-08-27

[41] 2011-05-02

[62] 2,731,976

[30] US (61/092,561) 2008-08-28

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UNIVERSITE LIBRE DE BRUXELLES	2,496,514	MILES	2,514,911
UNIVERSITY HOSPITALS OF CLEVELAND	2,326,724	YOKOTA, KAZUHIKO	2,691,299
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USV LIMITED	2,661,987	YU, DONGYIN	2,393,467
VADEN, VAL E.	2,684,695	YUFUKU, AKIRA	2,656,151
VAN DECKER, GERALD W. E.		ZANUSSO, UMBERTO	2,547,349
VAN DEN BERG, KAREL	2,536,342	ZEINER, MARK S.	2,461,706
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VEHMAA, JANNE	2,751,661	ZERROUK, FAOUZI	2,363,279
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WACOAL CORP.	2,603,231		
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ANDERSON, DWIGHT	2,771,642	CARBON SOLUTIONS INCORPORATED	2,737,825	DIVA V	2,774,340
APEX BRANDS, INC.	2,774,598	CARTER, CHARLES ASHTON GARRET	2,737,713	DOLAN, JOHN M.	2,773,361
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ARMSTRONG, RALPH	2,774,380	CERTAINTeed CORPORATION	2,772,882	DUDMAN, RICHARD L.	2,774,644
ARREDONDO, ORTEGON LUCIO	2,773,967	CHAUDHARI, MANOJ	2,751,378	DUGGAN, JASON ROBERT	2,775,217
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ASHDOWN, IAN	2,774,261	CHISHOLM, P. SCOTT	2,737,713	ECKROAD, STEVEN WALLACE	2,773,764
AWNINGTEC USA INC.	2,774,570	CLARE MACHINE WORKS LTD.	2,737,320	EDGAR, PAMELA K.	2,737,289
BACKE, TIMOTHY JOSEPH	2,774,859	CLAVERHAM, LTD.	2,772,297	EGC ENTERPRISES, INC.	2,774,644
BACKER, MARK	2,774,853	CLAVERHAM, LTD.	2,772,318	EISELE, IAN THORNLEY	2,772,353
BAKER HUGHES INCORPORATED	2,771,542	CLEOPHAS, CATHERINE	2,772,820	ELECTRIC POWER RESEARCH INSTITUTE, INC.	
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BANSAL, VISHAL	2,773,899	COMCAST CABLE COMMUNICATIONS, LLC	2,751,378	ELLENDT, ANNETTE	2,758,360
BATESVILLE SERVICES, INC.	2,742,329	CONAIR CORPORATION	2,774,835	EMERSON ELECTRIC CO.	2,776,664
BECKER, HAROLD L.	2,771,542	CONTAINER INNOVATIONS INDUSTRIES INC.	2,774,420	ENEVOLDSEN, PEDER BAY	2,774,582
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BOISSONNEAULT, DAVE	2,737,896	COVIDIEN AG	2,774,751	EXELIS INC.	2,773,361
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GENERAL ELECTRIC COMPANY	2,773,729	HOEJGAARD, JANNAK	2,774,568	LEE, KYOUNG HAK	2,772,363
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GENERAL ELECTRIC COMPANY	2,773,960	HOWARD, EDWARD JOHN	2,773,753	LEMPIDAKIS, IOANNIS	2,766,750
GENERAL KINEMATICS CORPORATION	2,763,149	HU, SHENGPING	2,737,857	LEMPIDAKIS, MICHAEL	2,766,750
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GIBSON, SHAWN R.	2,774,364	HUBBARD, JAMES A., JR.	2,774,859	LEPO, ANNELI	2,785,127
GK LICENSING, LLC	2,773,913	HUNT, GREGORY	2,737,759	LESSARD, ERIC	2,775,202
GK LICENSING, LLC	2,773,914	HUTCHINSON, JAMES M. F.	2,773,778	LEUNG, ANTHONY KIT LUN	2,774,835
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GRAVES, GREGORY D.	2,751,221	JABER, ISAM	2,737,713	CORPORATION	2,768,983
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GRiffin, LUCAS	2,774,420	JIMENEZ, GUILLERMO M.	2,774,633	CORPORATION	2,771,655
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HAGEMAN, DAVID C.	2,774,644	JUSTIN, BRIAN D., JR.	2,774,162	LOURENCO, JOSE J.P.	2,774,531
HALDORSEN, RONNY	2,738,076	KABUSHIKI KAISHA		LOURENCO, JOSE J.P.	2,774,538
HAMILTON SUNDSTRAND CORPORATION	2,769,809	TOSHIBA	2,774,478	LOURENCO, JOSE J.P.	2,774,539
HAN, KYU SANG	2,772,363	KAIN, MICHAEL T.	2,774,380	LOWNIE, JOHN J.	2,774,541
HANSEN, ULRICH VESTERGAARD B.	2,774,568	KAIN, MICHAEL T.	2,774,388	LOWNIE, TIMOTHY M.	2,774,541
HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH	2,765,521	KALUSKI, MARIUSZ	2,774,420	LUDWIG, PATRICK	2,774,426
HARNISCHFEGER TECHNOLOGIES, INC.	2,774,658	KAPSCH TRAFFICOM AG	2,767,876	LUNNER, STEFAN	2,774,004
HARNISCHFEGER TECHNOLOGIES, INC.	2,774,743	KAPSCH TRAFFICOM AG	2,767,850	LUNNER, THOMAS	2,774,004
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		MOHAMMAD		MARIANI, FABIO	2,737,714
			2,774,437	MARSHALL, CHERYL ANN	2,774,851
			2,774,851	MARTIN, DAVID	2,772,900
		KHUBANI, AJIT	2,743,192	MARTIN, NICOLAS	2,773,901
		KINKOPF, JOSEPH	2,771,655	MARTINELLI, ROBERT	
		KIREMITCI, KIRKOR	2,774,786	MATTHEW	2,773,804
		KIREMITCI, KIRKOR	2,774,787	MASCO CORPORATION OF	
		KISS NAIL PRODUCTS, INC.	2,772,363	INDIANA	2,747,044
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DELBECK, MARTINA	2,791,100	ELC MANAGEMENT LLC	2,791,365		
DEMETRIADES, GEORGIOS	2,791,124	ELC MANAGEMENT LLC	2,791,370		
DENG, XIANMING	2,791,613	ELC MANAGEMENT LLC	2,791,493		
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MAITRO-VOGEL, SOPHIE	2,791,119	MOODY, WILLIAM LEE	2,791,239	NOMURA, AKIMUFI	2,791,189
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MAN, YING TONG	2,780,468	APPLICATIONS LTD.	2,791,058	NOSKOVA, IRINA	2,791,451
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NOVELIS INC.	2,790,877	PASHKOV, ALEKSEY		PROTALIX LTD.	2,791,461
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NOVOZYMES, INC.	2,791,353	PASHKOV, IGOR		PROTAGAREN AB	2,791,462
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NUR, ASSHIFA BINTI MD NOH	2,791,256	PATEL, JATIN	2,791,171	PURE TECHNOLOGIES LTD.	2,791,440
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NUVENCO IP, LLC	2,791,571	PATEL, NEAL	2,791,424	QI, YIHONG	2,780,468
NUVERA FUEL CELLS INC.	2,791,339	PATEL, VINOD F.	2,791,281	QIAN, WENYUAN	2,791,281
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