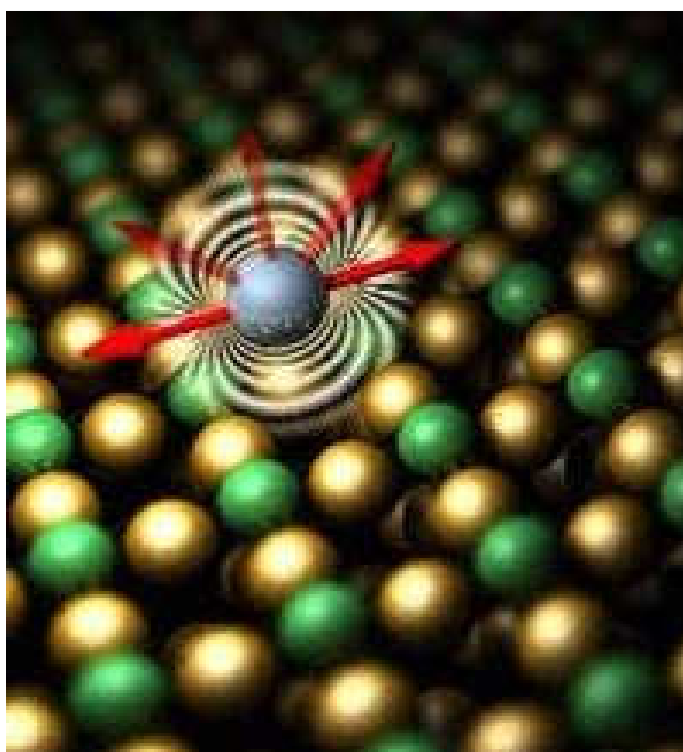


## Pedidos de Patentes sobre Nanobiotecnologia – nº 6



Pedidos publicados no  
1º semestre de 2011

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Centro de Disseminação da Informação Tecnológica – CEDIN  
Coordenação de Estudos e Programas – CEPRO

Setembro - 2012

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## SUMÁRIO

1 - INTRODUÇÃO .....	3
1.1 - ALERTA TECNOLÓGICO.....	3
1.2- PEDIDOS DE PATENTES SOBRE NANOBIOTECNOLOGIA.....	5
2- RESULTADOS.....	7
ANEXO I - Códigos dos Principais Países .....	189

### Lista dos gráficos

Gráfico 1: Relação entre os países de prioridade dos documentos recuperados em nível mundial com o nº de documentos recuperados relacionados à nanobiotecnologia no 1º semestre de 2011. ....	8
Gráfico 2:Relação entre as classificações internacionais de patente (CIP) com maior número de ocorrências nas tecnologias relacionadas a nanobiotecnologia no 1º semestre de 2011. ....	10

### Lista das tabelas

Tabela 1:Relação dos principais depositantes e do nº de pedidos de patentes publicados no 1º semestre de 2011. ....	11
Tabela 2: Dados bibliográficos dos pedidos de patente relacionados à nanobiotecnologia publicados no 1º semestre de 2011. ....	13

## **1 - INTRODUÇÃO**

### **1.1 - ALERTA TECNOLÓGICO**

O Instituto Nacional da Propriedade Industrial (INPI) é uma Autarquia Federal, vinculada ao Ministério do Desenvolvimento, Indústria e Comércio Exterior (MDIC), responsável pela concessão de patentes, registros de desenhos industriais, registro de marcas, averbação de contratos de transferência de tecnologia, registro de programas de computador, indicações geográficas e topografias de circuito integrado.

O Centro de Disseminação da Informação Tecnológica (CEDIN), subordinado à Diretoria de Cooperação para o Desenvolvimento (DICOD), mantém um acervo com a descrição dos pedidos de patente e de registros de desenho industrial. Uma de suas atribuições é divulgar e disseminar a utilização destas informações bibliográficas e técnicas. Para tanto, o CEDIN dispõe da Coordenação de Estudos e Programas – CEPRO, cuja incumbência é elaborar publicações fundamentadas, essencialmente, em informações extraídas de documentos de patente.

A patente é uma importante fonte formal de informação, por meio da qual pode-se ter acesso a detalhes técnicos de invenções que, em alguns casos, não estão descritos em outros meios de divulgação (livros, artigos técnicos etc.).

O objetivo desta publicação semestral é o de alertar sobre os principais depositantes de patente em determinado setor no período de seis meses, os países onde o primeiro depósito foi solicitado (país de prioridade), as áreas tecnológicas mais solicitadas e de divulgar os títulos dos pedidos de patente publicados mundialmente em determinado período. Dessa forma, busca contribuir para a atualização periódica do público alvo deste Alerta Tecnológico.

Mais detalhes sobre cada pedido de patente como resumo, nome(s) do(s) inventor(es), cópia do documento completo etc. podem ser obtidos nas seguintes bases de patente disponíveis gratuitamente na internet:

1. Base Brasileira de Pedidos de Patente<sup>1</sup>: <http://www.inpi.gov.br>
2. Base do Escritório Europeu de Patentes<sup>2</sup>: <http://worldwide.espacenet.com/>
3. Base do Escritório Americano de Patentes<sup>3</sup>: <http://www.uspto.gov>

Caso haja interesse em se conhecer o(s) depósito(s) de patente no Brasil, correspondente(s) (família do pedido de patente<sup>4</sup>) aos pedidos de patente estrangeiros listados na Tabela 2, sugere-se uma busca de família dos pedidos de interesse. Neste caso, o Centro de Documentação do INPI – CEDIN informará os procedimentos a serem seguidos. Abaixo, seguem endereço e formas de contatar o CEDIN.

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As cópias integrais dos pedidos de patente de interesse podem ser solicitadas por meio do endereço [copdocpat@inpi.gov.br](mailto:copdocpat@inpi.gov.br) ou por correio postal ao endereço acima mencionado.

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<sup>1</sup> Esta base contém somente pedidos de patente depositados e publicados no Brasil a partir de 1982.

<sup>2</sup> Contém pedidos de patente depositados e publicados em mais de 70 países.

<sup>3</sup> Contém somente pedidos depositados e publicados nos Estados Unidos.

<sup>4</sup> Uma família de patentes é a coleção de documentos de patente relacionados à mesma invenção ou a invenções correlacionadas, publicados em diferentes países. Cada documento de patente da família baseia-se, normalmente, nos dados do primeiro pedido depositado no país da prioridade. Existem diferentes estruturas de famílias de patente. Para este Alerta, o termo família de patente refere-se ao conceito de “família simples”, na qual todos os documentos de patente têm em comum o número e a data da prioridade unionista (WIPO, 2008).

## 1.2- PEDIDOS DE PATENTES SOBRE NANOBIOTECNOLOGIA

Embora a nanotecnologia seja uma tecnologia bem recente, começa a se especializar e derivar produzindo novas ciências como é o caso da nanobiotecnologia. Mesmo adotando as definições mais amplas, a nanotecnologia sempre foi vista como uma tecnologia interdisciplinar baseada em um conjunto de técnicas originárias das ciências Física, Química, Biologia e das Engenharias, que no início limitava-se às aplicações na escala nanométrica, mas que agora visa tratar os fenômenos que ocorrem naquela escala, necessariamente apresentando resultados diferentes dos conseguidos na escala macrométrica.

Este contexto apresenta algumas dificuldades na análise da nanobiotecnologia sob a ótica da propriedade industrial, na medida em que são mesclados diversos campos que apresentam grande incidência de depósitos, e com terminologias bem sedimentadas e bem amplas. Não se pode ainda delimitar exatamente quais termos descrevem a Nanobio, mas estima-se que ultrapasse a marca de uma centena de termos referentes ao tema. Nesta abordagem num primeiro momento serão usadas as terminologias associadas às outras tecnologias empregadas na biotecnologia, em nano-materiais no contexto da tecnologia tradicional, obtendo, assim, uma análise combinada em ambos os contextos.

Diante do cenário apresentado e da escassez de levantamentos relacionados aos depósitos de patente sobre nanobiotecnologia no mundo, o INPI vem, por meio do CEDIN, disponibilizar ao público interessado o acesso a estas informações.

Neste alerta tecnológico, assim como nos anteriores, observa-se que o número de pedidos depositados relacionados à nanobiotecnologia é expressivo e caso continue a atual tendência, em pouco tempo este campo do conhecimento poderá se consolidar como uma nova ciência. O Alerta Tecnológico tem como objetivo divulgar, os novos pedidos de patente sobre nanobiotecnologia publicados no mundo em um intervalo de seis meses.

Para efetuar o presente levantamento foram selecionados os documentos de patente contendo, em seu título ou resumo, palavras-chave

relacionadas à nanotecnologia, que foram truncadas em posições que permitissem recuperar mais documentos no mesmo procedimento de busca. Assim foram usados vocábulos truncados em português e na língua inglesa relacionados à nanotecnologia.

Adicionalmente, para limitação da busca ao setor de biotecnologia, utilizou-se a classificação internacional de patentes (CIP). Para tal foram utilizadas as classes da CIP: A61, que se refere à ciência médica ou veterinária e higiene (inclusive fármacos); e C12, que se refere à bioquímica, microbiologia, enzimologia, engenharia genética ou de mutação (biotecnologia).

No Alerta nº 11 sobre nanotecnologia evidenciou a tendência que motivou a elaboração de alertas tecnológicos no setor da nanobiotecnologia. De fato há uma tendência crescente na associação da nanotecnologia com a biotecnologia e sua aplicação às ciências médicas. Assim, foram publicados os alertas de nº 18, nº 27, nº 38 nº 49, e nº 61.

Este alerta, de número 78 vem dar continuidade à divulgação dos documentos de patente relacionados a este campo do conhecimento.

## 2- RESULTADOS

No semestre pesquisado, foram selecionados **977** documentos de patente que abordam tecnologias relacionadas à nanobiotecnologia. De acordo com o gráfico 1, pode-se identificar os escritórios<sup>5</sup> onde foi solicitada prioridade (ou seja, o escritório do país onde foi realizado o primeiro depósito do pedido de patente) e permite observar a ocorrência de documentos em cada país. De acordo com o gráfico abaixo, os cinco principais locais onde são depositadas as prioridades são: Estados Unidos da América, China, Coreia, Escritório Europeu e Japão. A Rússia, a França e a Alemanha são os escritórios seguintes no ranking. Esta tendência é muito semelhante ao que vem sendo apresentada nos alertas anteriores. Observa-se que escritórios de três países: Estados Unidos, China e Coreia lideram as escolhas como primeiro local a depositar o pedido de patente. A presença da China é uma tendência relativamente recente e que vem sendo observada em diversos setores tecnológicos.

Propõe-se que seja realizado um estudo para entender as bases desta enchurrada de pedidos de patentes chineses nos escritórios de todo o mundo, já que o número elevado de pedidos de patente não apresenta uma relação direta de causa e efeito com a quantidade de inovações geradas neste país.

Muitos depósitos são realizados via PCT e recebem a denominação WO e estes não estão apresentados no gráfico.

Pode-se inferir, a partir dos resultados apresentados neste gráfico, que as tecnologias estão sendo desenvolvidas, principalmente, nos países indicados. Esta hipótese é geralmente comprovada, uma vez que os depositantes solicitam a prioridade a partir de seus países de origem na maior parte das vezes. Alternativamente, isso poderia indicar o interesse do primeiro depósito nos mercados destes países. Observa-se que o Brasil aparece em 13º lugar no ranking de países de prioridade<sup>6</sup>, logo após a Itália. Isso significa dizer

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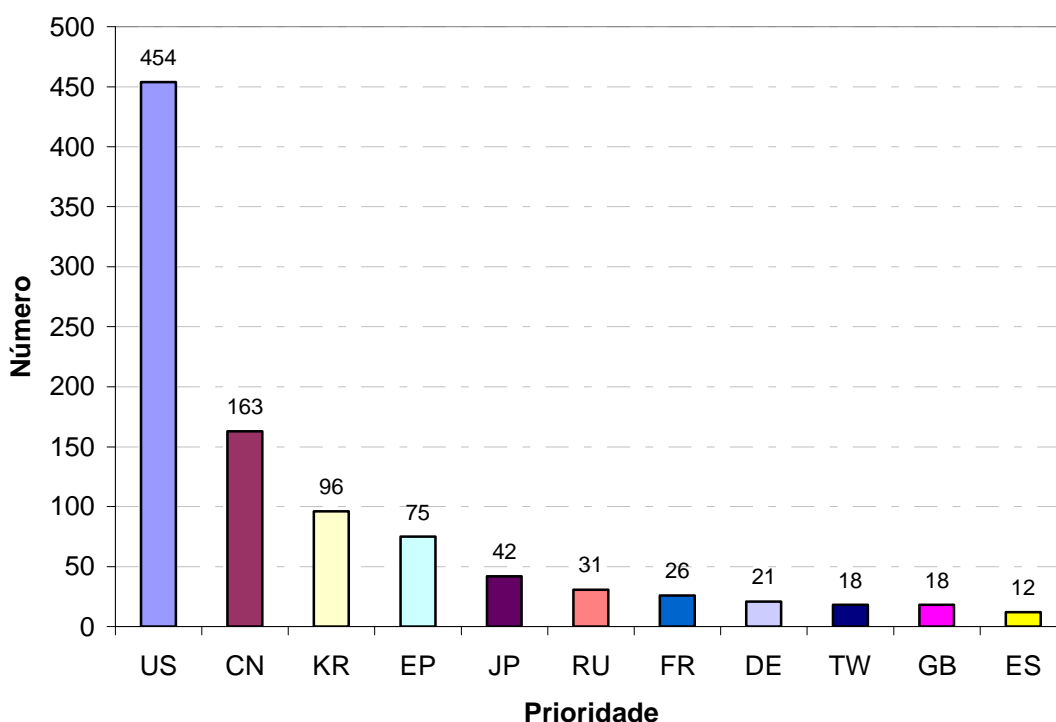
<sup>5</sup> A lista com os códigos de duas letras referentes aos escritórios nacionais ou regionais está disponível no Anexo I.

<sup>6</sup> Conforme estabelecido pela Convenção de Paris (CUP) em seu Art. 4º, o primeiro pedido de patente depositado em um dos países membros da Convenção serve de base para depósitos subsequentes relacionados à mesma matéria, efetuados pelo mesmo depositante ou por seus sucessores legais. Tem-se assim, o **Direito de Prioridade**. O prazo para exercer tal direito é de 12 meses, para invenção e



que o INPI do Brasil é escolhido como local onde se efetua o primeiro depósito, o que pode traduzir a presença brasileira no desenvolvimento de produtos ou processos relacionados à nanobiotecnologia e/ou o interesse das firmas estrangeiras no mercado nacional.

Gráfico 1: Relação entre os países de prioridade dos documentos recuperados em nível mundial com o nº de documentos recuperados relacionados à nanobiotecnologia no 1º semestre de 2011.



Fonte: Base de dados do Escritório Europeu de Patentes. Acesso em 10/08/2012

O gráfico 2 permite o monitoramento das principais tecnologias relacionadas ao tema, descritas nos pedidos de patente publicados no período. Para este levantamento, foram computadas as 15 classificações com maior número de ocorrências nos documentos recuperados. Estas classificações permitem o monitoramento das tecnologias relacionadas ao tema, descritas nos pedidos de patente publicados no período.

De acordo com o gráfico 2, abaixo, observa-se 132 ocorrências da classificação A61K 9/14 “preparações medicinais caracterizadas por formas físicas especiais em forma de partículas, por ex., pós”.

Enquanto 121 ocorrências de classificação aparecem no grupo principal A61P 35/00 que está relacionado à “atividade terapêutica específica de compostos químicos ou preparações medicinais”, no caso, especificamente a “agentes neoplásicos”. Assim, parece surgir uma tendência de foco na área farmacêutica para o desenvolvimento de invenções relacionadas aos medicamentos que tem a finalidade de agir sobre tumores, repetindo a tendência demonstrada no alerta anterior.

Observa-se que 65 ocorrências estão no grupo principal A61K 9/00, preparações medicinais caracterizadas por formas físicas especiais; e que 50 estão relacionadas em A61K 9/16, que menciona “preparações medicinais caracterizadas por formas físicas especiais em aglomerados; granulados; microgrânulos”; 48 ocorrências relacionadas em A61K 9/51, referente a “preparações em nanocápsulas” e 40 ocorrências da CIP A61K 9/127, preparações medicinais caracterizadas por formas físicas especiais especificamente lipossomas.

São observadas 61 ocorrências da Classificação C12Q 1/68 referente a “processos de medição ou ensaio envolvendo a enzima colinesterase (uma hidrolase)” e 49 ocorrências da CIP A61K 47/34, que relaciona-se a preparações medicinais caracterizadas pelos ingredientes não ativos utilizados, por ex., excipientes, aditivos inertes, compostos macromoleculares obtidos de outro modo que não por reações envolvendo somente ligações insaturadas carbono-carbono.

O gráfico mostra que 42 ocorrências foram classificadas em A61K 47/48, ou seja, “preparações medicinais caracterizadas pelos ingredientes não ativos utilizados, por ex., excipientes, aditivos inertes, sendo o ingrediente não-ativo sendo ligado quimicamente ao ingrediente ativo, por ex., drogas poliméricas conjugadas”

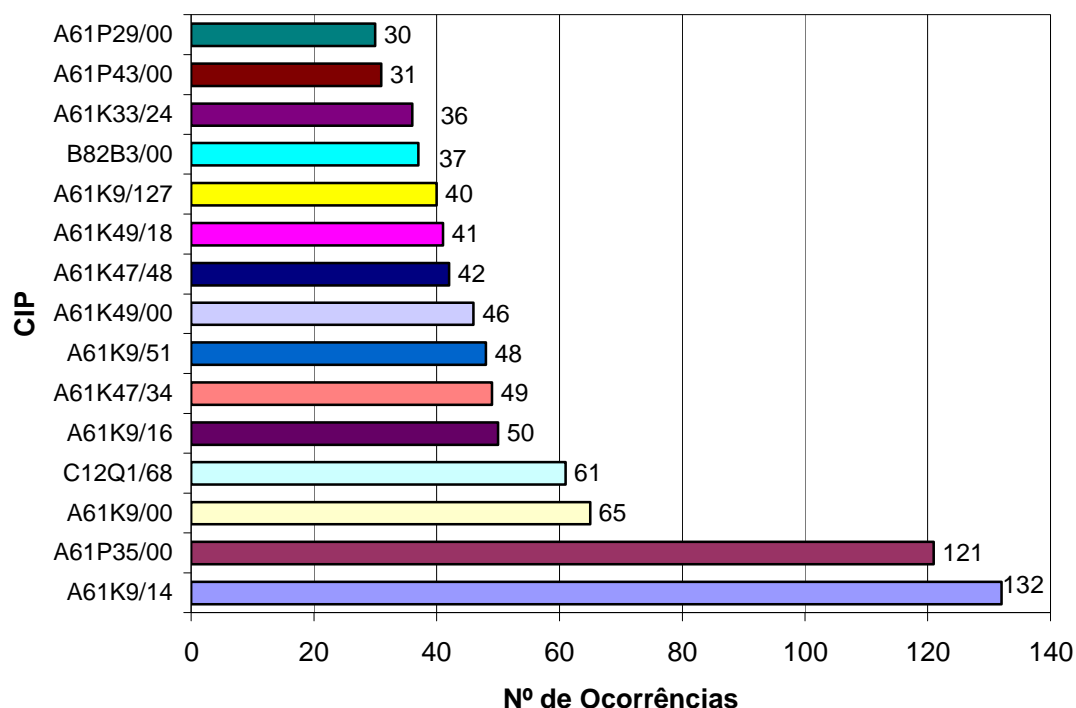
O gráfico mostra ainda 46 ocorrências classificadas no grupo principal A61K 49/00, preparações para testes “in vivo”; e 41 ocorrências em A61K

49/18, que define as preparações para testes in vivo caracterizadas por uma forma física especial, p. ex., emulsões, microcápsulas, lipossomos.

A classificação B82B 3/00 aparece com 37 ocorrências e refere-se à fabricação e/ou tratamento das nanoestruturas (B82B 3/00); 36 estão em A61K 33/24, ou seja, preparações medicinais contendo substâncias ativas inorgânicas, especificamente metais pesados, seus compostos.

Além disso há ainda classificações em mais dois grupos principais: 31 ocorrências em A61P 43/00, que engloba os fármacos para fins específicos, não previstos nos grupos A61P 1/00-A61P 41/00 e 30 ocorrências em A61P 29/00, ou seja, agentes analgésicos não-centrais, antipiréticos ou anti-inflamatórios, p. ex., agentes antireumáticos; fármacos antiinflamatórias não-esteroidais (NSAIDs).

Gráfico 2: Relação entre as classificações internacionais de patente (CIP) com maior número de ocorrências nas tecnologias relacionadas a nanobiotechnologia no 1º semestre de 2011.



Fonte: Base de dados do Escritório Europeu de Patentes. Acesso em 10/08/2012

Na tabela 1, a seguir, são identificados os depositantes com maior número de pedidos de patente publicados no período. Pode-se observar na tabela 1 os nomes das empresas com pedidos de patente publicados no 1º semestre de 2011. A primeira coluna contém os nomes dos depositantes, seguido do código dos países de origem entre colchetes, e a segunda, o total de documentos recuperados no período para cada empresa. Foram representados aqui apenas os depositantes com 4 ou mais documentos no período em questão.

Tabela 1:Relação dos principais depositantes e do nº de pedidos de patentes publicados no 1º semestre de 2011.

Depositante	Número de Documentos de Patente
NAT UNIV TSINGHUA [TW]	14
GP MEDICAL INC [US]	12
SNU R&DB FOUNDATION [KR]	12
SUZHOU ZHIWEITANG BIOTECH CO LTD [CN]	11
ELAN PHARMA INT LTD [IE]	11
UNIV NORTHWESTERN [US]	11
HONGSHU YANG [CN]	11
UNIV CALIFORNIA [US]	11
KOREA ADVANCED INST SCI & TECH [KR]	8
MASSACHUSETTS INST TECHNOLOGY [US]	8
UNIV SHANGHAI JIAOTONG [CN]	8
OREAL [FR]	7
ABRAXIS BIOSCIENCE LLC [US]	7
IND ACADEMIC COOP [KR]	6
CENTRE NAT RECH SCIENT [FR]	6
JINXUE CHENG [CN]	6
UNIV NAT CHIAO TUNG [TW]	5
BIND BIOSCIENCES INC [US]	5
UNIV RICE WILLIAM M [US]	5
FUJIFILM CORP [JP]	5
UNIV CHUNG ANG IND [KR]	5
MIRKIN CHAD A [US]	5
UNIV TEXAS [US]	5
MOUSA SHAKER A [US]	5
UNIV OSAKA [JP]	4
KOREA ELECTRONICS TELECOMM [KR]	4
UNIV DONGHUA [CN]	4
UNIV ZHEJIANG [CN]	4
UNIV JIANGNAN [CN]	4
UNIV GRANADA [ES]	4
MERCK SHARP & DOHME [US]	4
BASF SE [DE]	4
GEORGIA TECH RES INST [US]	4
BRIGHAM & WOMENS HOSPITAL [US]	4

Depositante	Número de Documentos de Patente
UNIV MICHIGAN [US]	4
ROSSIJSKAJA FEDERATSIJA OT IM KOTOROJ VYSTUPAET MIN OBRAZOVANIJA I NAUKI RF [RU]	4
NAT INST OF ADVANCED IND SCIEN [JP]	4
NAT UNIV CHONBUK IND COOP FOUN [KR]	4
NAT CANCER CT [KR]	4
3M INNOVATIVE PROPERTIES CO [US]	4
SHANGHAI INST CERAMICS [CN]	4
HON HAI PREC IND CO LTD [TW]	4
REVALESIO CORP [US]	4

Fonte: Base de dados do Escritório Europeu de Patentes. Acesso em 10/08/2012

A tendência parece se manter com relação à presença marcante de indústrias farmacêuticas ao lado de universidades como maiores depositantes em nanotecnologia.

A principal depositante é uma universidade de Tawain, a “National Tsinghua University<sup>7</sup>”. Esta universidade é seguida pela GP Medical Inc., empresa dos Estados Unidos e pela Fundação ligada Universidade Nacional da Coreia do Sul<sup>8</sup> – “SNU R&DB Foundation”.

Como podemos observar na tabela acima, observa-se a presença de companhias do setor farmacêutico, sendo a Elan Pharma a maior empresa em termos de depósitos de patentes envolvendo a nanobiotechnology, seguindo a tendência apresentada nos alertas anteriores. Empatadas em termos de número de depósito com esta indústria estão as universidades dos Estados Unidos: da Califórnia e Northwestern, além da empresa chinesa Suzhou Zhiweitang Biotech Co Ltd. e do chinês Hong Shu Yang.

Em seguida, são apresentados na Tabela 2 todos os pedidos usados como base para este alerta.

Os códigos de 2 letras representando os países estão no Anexo I ao final deste Alerta.

<sup>7</sup> <http://www.nthu.edu.tw/english/index.php>

<sup>8</sup> Seoul National University

Tabela 2: Dados bibliográficos dos pedidos de patente relacionados à nanobiotecnologia publicados no 1º semestre de 2011.  
(Por ordem alfabética do nome do depositante)

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
KR20110048461 A 20110511	KR20100105000 20101027		C12N5/02; B82B3/00; C12N5/07; C12N15/87	
KR20110048442 A 20110511	KR20100026419 20100324		A61N5/10; A61B18/18	
KR20110047920 A 20110509	KR20090104725 20091031		A61K33/38; A61K33/24; A61K47/02; A61P35/00	Positively or negatively charged silver or gold nanoparticles used in carcinoma cell considering cellular uptake and cytotoxicity difference according to surface charges
KR20110047823 A 20110509	KR20090104599 20091030		B82B3/00; C12Q1/68; G01N33/50	Methods for detection and isolation of dnas using nanoparticles
CN201878880U U 20110629	CN20102518918U 20100906	361 DEGREES CHINA LTD	A43B7/32; A43B13/18; A43B23/07; A46B5/00; A61N5/06	Sports shoe with damping and shock-absorbing structure
CN102065848 A 20110518	WO2009US41090 20090420; US20080046659P 20080421	3M INNOVATIVE PROPERTIES CO [US]	A61K9/51; A61L15/18	Nitric oxide-releasing compositions, devices and methods
EP2303770 A2 20110406	WO2009US49026 20090629; US20080077080P 20080630	3M INNOVATIVE PROPERTIES CO [US]	B82B3/00; A01N59/16; A61L2/238; B01D67/00; B01D69/14; B22F1/00; B22F9/02; C08J7/06; D06M10/00; D06M10/06; D06M11/83; D06M16/00; D06M23/08	Method for in situ formation of metal nanoclusters within a porous substrate field
US2011039947 A1 20110217	US20090989432 20090506; US20080051468P 20080508; US20080051477P 20080508; WO2009US43003 20090506	3M INNOVATIVE PROPERTIES CO [US]	A61K47/06; B32B5/00; C07F9/02	Surface-modified nanoparticles

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
EP2275077 A2 20110119	EP20020768577 20020815; US20010312355P 20010815	3M INNOVATIVE PROPERTIES CO [US]	A61K6/08; A61K6/083; A61K6/10; C08K3/00; C08K5/00; C08L101/00	Hardenable self-supporting structures and methods
WO2011026618 A2 20110310	DE200910039665 20090902	AAP BIOMATERIALS GMBH [DE]; DINGELDEIN ELVIRA [DE]; HEIMANN LYDIA [DE]; GASQUERES GEORGIANA [RO]; WOLFSTAEDTER MARCO [DE]	A61L24/02	Hydroxylapatite material, and method for the production thereof
EP2331154 A2 20110615	WO2009US55784 20090902; US20080093701P 20080902	ABBOTT CARDIOVASCULAR SYSTEMS [US]	A61L27/38; A61F2/02; A61F2/82; A61L27/28; A61L27/34; A61L27/54	Nanoparticle-stem cell conjugates for post- infarction treatment
EP2322233 A1 20110518	EP20080780819 20080613; US20070840119 20070816	ABBOTT CARDIOVASCULAR SYSTEMS [US]	A61K9/51	Nanoparticle formulations for treating vascular disease.
TW201103573 A 20110201	US20090218281P 20090618	ABBOTT LAB [US]	A61K9/08; A61K31/5377; C07D413/10; C07D413/12	Stable nanoparticulate drug suspension
NZ562695 A 20110527	US20050682332P 20050518; WO2006EP04678 20060517	ABLYNX NV [BE]	C07K16/18; A61P29/00; C07K16/24	Improved nanobodies against tumor necrosis factor-alpha



Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011059090 A1 20110310	US20080744991 20081127; US20070004332P 20071127; US20070005265P 20071204; US20070005324P 20071204; US20070005331P 20071204; WO2008EP66363 20081127	ABLYNX NV [BE]	A61K39/395; A61P35/00; C07K16/28; C12N5/16; C12N15/13; C12P21/00; C40B30/04	Amino acid sequences directed against her2 and polypeptides comprising the same for the treatment of cancers and/or tumors
US2011021980 A1 20110127	US20080675523 20080826; US20070966379P 20070827; WO2008EP61134 20080826	ABLYNX NV [BE]	A61M5/30	Needle-free delivery device for therapeutic proteins based on single antigen-binding domains such as nanobodies tm
CA2772301 A1 20110303	US20090236813P 20090825; WO2010US46684 20100825	ABRAXIS BIOSCIENCE LLC [US]	A61K47/42; A61K9/14; A61K31/337; A61K31/395; A61K31/4402; A61K31/472; A61K31/53; A61K31/5377; A61P35/00	Combination therapy with nanoparticle compositions of taxane and hedgehog inhibitors
AU2009324464 A1 20110630	US20090178430P 20090514; US20080201624P 20081211; WO2009US67766 20091211	ABRAXIS BIOSCIENCE LLC [US]	A01N43/02; A61K31/335	Combinations and modes of administration of therapeutic agents and combination therapy

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
NZ566705 A 20110630	US20050712865P 20050831; US20050736962P 20051114; US20050736931P 20051114; WO2006US34103 20060830	ABRAXIS BIOSCIENCE LLC [US]	A61K9/51; A61K9/00; A61K31/337; A61K47/42	Compositions and methods for preparation of poorly water soluble drugs with increased stability
MX2010011165 A 20110222	US20080044006P 20080410; WO2008US76179 20080912; US20080096664P 20080912; WO2009US36942 20090312	ABRAXIS BIOSCIENCE LLC [US]	A61K9/19; A61K9/51; A61K31/337	Compositions of hydrophobic taxane derivatives and uses thereof.
EP2301531 A2 20110330	EP20060735710 20060221; US20050654245P 20050218	ABRAXIS BIOSCIENCE LLC [US]	A61K31/337; A61K31/436; A61K31/555; A61K31/7068; A61K38/22; A61P35/00	Combinations and modes of administration of therapeutic agents and combination therapy
EP2286798 A1 20110223	EP20080006374 19970924; EP19970944429 19970924; US19960720756 19961001	ABRAXIS BIOSCIENCE LLC [US]	A61J3/00; A61K9/14; A23L1/29; A61K9/00; A61K9/38; A61K9/50; A61K9/51; A61K31/337; A61K45/00; A61K47/30; A61K47/42; A61K47/48; A61K49/00; A61K49/18; A61K49/22; A61P29/00; A61P35/00	Protein stabilized pharmacologically active agents, methods for the preparation thereof and methods for the use thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
EP2272504 A2 20110112	EP19980932874 19980626; US19970051021P 19970627; US19970926155 19970909	ABRAXIS BIOSCIENCE LLC [US]	A61K9/107; A61K9/22; A61K9/51; A61K31/337; A61P35/00	Novel formulations of pharmacological agents, methods for the preparation thereof and methods for the use thereof
WO2011017195 A2 20110210	US20090273473P 20090806	ABSIZE INC [JP]; WANG CHANGJIN [US]	A61K31/5415; A61K9/14; A61K31/192; A61K31/197; A61P23/02; A61P29/00	Topical pharmaceutical preparations having both a nanoparticle solution and a nanoparticle suspension and methods for the treatment of acute and chronic pain therewith
CN101951890 A 20110119	WO2008US86855 20081215; US20070013412P 20071213	ADURO BIOTECH	A61K9/14	Ligand conjugated thermotherapy susceptors and methods for preparing same
US2011142890 A1 20110616	EP20060380132 20060524; EP20060124177 20061116; WO2007EP54983 20070523	ADVANCED IN VITRO CELL TECHNOLOGIES S A [ES]	A61K48/00; A61K8/02; A61K9/14; A61K31/713; A61K38/02; A61K38/43; A61P27/02; A61Q17/04; C12N5/071; C12N15/79	Nanoparticles of chitosan and hyaluronan for the administration of active molecules
KR20110002443 A 20110107	KR20090059947 20090701	AEON MEDIX INC [KR]	A61K9/127; A61K35/12; A61K39/395; C12N15/09	Microvesicles derived from mammalian nucleated cell and use thereof
US2011135749 A1 20110609	WO2008SG00073 20080304	AGENCY SCIENCE TECH & RES [SG]	A61K33/42; A61C5/00; A61K6/08; A61K31/155; A61K33/08; A61K33/14; A61K33/24; A61P1/02; A61P31/04	Low shrinkage multifunctional ssq resins
CN101945887 A 20110112	WO2008SG00492 20081218; US20070006089P 20071218	AGENCY SCIENCE TECH & RES [SG]	C07K7/08; A61K38/10; A61K38/16; A61P31/04; C07K14/00; C07K14/16	Cationic core-shell peptide nanoparticles

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
WO2011068481 A1 20110609	US20090266995P 20091204; US20100412566P 20101111	AGENCY SCIENCE TECH & RES [SG]; SHEN SHOU- CANG [SG]; NG WAI KIONG [SG]; CHIA LEONARD [SG]; TAN REGINALD B H [SG]	A61L24/06	Nanostructured material formulated with bone cement for effective antibiotic delivery
EP2292739 A1 20110309	EP20070727050 20070319; FR20060002597 20060324	AGRONOMIQUE INST NAT RECH [FR]; CENTRE NAT RECH SCIENT [FR]; ENS ECOLE NORMALE SUPERIEURE DE LYON [FR]	C12N15/113; C12N5/0735; C12N7/00; C12N15/85	Method for preparing differentiated avian cells and genes involved in the maintenance of pluripotency
KR20110060000 A 20110608	KR20090116465 20091130	AJOU UNIV IND ACAD COOP FOUND [KR]	C12M3/00; C12N5/07; C12N11/02	A method for culturing stem cell using carbon nano tube and the culturing media
KR20110057974 A 20110601	KR20090114621 20091125	AJOU UNIV IND ACAD COOP FOUND [KR]	A61K49/00; A61K49/18	A method of preparing metal ferrite nanoparticles useful for contrast agents
US2011110868 A1 20110512	US20090934044 20090401; US20080042656P 20080404; WO2009US02060 20090401	AKHTARI MASSOUD [US]; ENGEL JEROME [US]	A61K49/06; A61K9/14; A61K31/721; A61P9/00; A61P25/16; A61P25/28; A61P35/00	Functionalized magnetic nanoparticles and methods of use thereof
US2011044911 A1 20110224	US20090934048 20090401; US20080042654P 20080404; WO2009US02061 20090401	AKHTARI MASSOUD [US]; ENGEL JEROME [US]	A61K49/06; A61K31/175; A61K31/56; A61K36/18; A61K49/04; A61K49/10; A61K49/14; A61P35/00	Use of functionalized magnetic nanoparticles in cancer detection and treatment
CA2781254 A1 20110609	US20090266368P 20091203; WO2010US58563 20101201	ALCON RES LTD [US]	A61K9/10; A61K9/00; A61K31/165; A61K47/02; A61K47/32; A61K47/36; A61P27/02	Carboxyvinyl polymer-containing nanoparticle suspension

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011129420 A1 20110602	US20090627615 20091130	ALLEN PETER M [US]; LIU WENHAO [US]; BAWENDI MOUNGI G [US]	A61K49/18; A61P43/00; G01N33/567; G02F1/355	Materials and methods for biological imaging
KR20110058240 A 20110601	KR20090114954 20091126	AMOREPACIFIC CORP [KR]	A61K8/06; A61K8/92; A61Q19/00	Nanoemulsion containing high content of hydrophobic ingredients and the method for preparing thereof
RU2418585 C1 20110520	RU20100104640 20100211	ANO INST MOLEKULJARNOJ DIAGNOSTIKI ANO INMODI [RU]	A61K31/395; A61K31/765; A61K47/48; A61P31/06; B82B1/00	Rifampicin-based medication with prolonged action for treatment of resistant forms of tuberculosis
MX2010013562 A 20110215	US20080076065P 20080626; WO2009US48972 20090626	ANTERIOS INC [US]	A61K9/51; A61K31/48	Dermal delivery.
CN101970019 A 20110209	WO2007SG00407 20071126	ANTIBAC LAB PTE LTD	A61L9/01; A01N59/16; C09D183/08	An antimicrobial porous substrate and a method of making and using the same
US2011014235 A1 20110120	US20080680548 20080926; US20070995238P 20070926; WO2008US78021 20080926	APARNA BIOSCIENCES [US]	A61K39/07; A61P31/04	Therapeutic and vaccine polyelectrolyte nanoparticle compositions
US2011054450 A1 20110303	US20100938766 20101103; US20060329959 20060111; US20050643390P 20050111	APOLLO DIAMOND INC [US]	A61B17/00; A61F2/06; A61F2/64	Diamond medical devices

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011003277 A1 20110106	US20100819844 20100621; US20050221895 20050909; US20040608130P 20040909	APPLIED BIOSYSTEMS LLC [US]	C12Q1/00; H01B1/22	Dioxetane-nanoparticle assemblies for energy transfer detection systems, methods of making the assemblies, and methods of using the assemblies in bioassays
EP2281622 A1 20110209	EP20040749379 20040312; US20030387854 20030313	APPLIED NANOSCIENCE INC [US]	B01D53/88; A61L2/00; B01D53/22; B01D61/18; B01J20/02	Filtering device incorporating nanoparticles
KR20110028255 A 20110317	WO2008EP54643 20080417	AQUARIUS INVESTHOLDING SARL [LU]; JISBREY S A [UY]	C01B33/143; A23K1/175; A23L1/304; A61K33/00	Suspension containing hydronium stabilized colloidal silicic acid nanoparticles, formulation obtained from the said diluted suspension, powder obtained from the said dehydrated suspension, composition obtained from the said powder, preparation and use
US2011110858 A1 20110512	US20100927323 20101112; US20090260108P 20091111	ARAS OMER [US]; FLEITER THORSTEN [US]; JEUDY JEAN [US]; DANIEL MARIE-CHRISTINE [US]	A61K49/00; A61K49/04; A61K49/06; B32B5/16; C07D207/16	Gold nanoparticle imaging agents and uses thereof
WO2011045627 A1 20110421	WO2009IB07188 20091012	ARCE MACIAS CARLOS FRANCISCO [MX]; MUNOZ OCHOA JOSE FRANCISCO [MX]; LOPEZ GOERNE TESSY MARIA [MX]	A01N59/16; A61K33/24	Viricide agents having nanostructured biocatalysts materials of titanium dioxide (tio2) and silicium dioxide (si02) with platinum and iridium modified and dispersed on the surface
CN101945671 A 20110112	WO2008SE51517 20081218; WO2007SE01128 20071219	ARDENIA INVEST LTD	A61K47/48; A61K9/14; A61P35/00	Drug delivery system for administration of a water soluble, cationic and amphiphilic pharmaceutically active substance
CN101945670 A 20110112	WO2008SE51516 20081218; WO2007SE01129 20071219	ARDENIA INVEST LTD	A61K47/48; A61K9/14; A61P35/00	Drug delivery system for administration of a water soluble, cationic and amphiphilic pharmaceutically active substance

Publicação (número e data)	Prioridade	Depositante	CIP	Título
EP2319461 A1 20110511	EP20080774897 20080708; EP20070112076 20070709; EP20100194575 20080708	ASTRA TECH AB [SE]	A61F2/30; A61C8/00; A61C13/00; A61K6/04; A61L27/04; A61L27/06; A61L27/30; A61L27/50; B82Y5/00; B82Y30/00; C23C8/00; C23C8/10; C23C22/46; C23C26/00; C23F1/26; C23G1/10	Nanosurface
TW201114439 A 20110501	TW20090135725 20091022	ATOMIC ENERGY COUNCIL [TW]	A61K51/02	Method to evaluate cancer from patient serum as early phase diagnosis
US2011045050 A1 20110224	US20090546312 20090824	ATRIUM MEDICAL CORP [US]	A61K38/12; A61F2/00; A61K31/436; A61K31/7048; A61P43/00	Nanoemulsion formulations for direct delivery
US2011059157 A1 20110310	US20090556906 20090910	AWASTHI VIBHUDUTTA [US]; LAGISETTY PALLAVI [US]	A61K9/127; B01J13/02	Anionic lipids and lipid nano-structures and methods of producing and using same
US2011020243 A1 20110127	US20100843664 20100726; US20090228481P 20090724	AYDOGAN BULENT [US]	A61K49/04; A61K9/14; A61K31/7135; A61K33/24; A61K49/00; A61P43/00; C07H23/00	Methods and compositions for imaging cancer cells
US2011064812 A1 20110317	US20090560813 20090916	BAHL DEEPAK [US]; CROWLEY KIERAN JAMES [US]; YU DANNY [US]	A61K9/14; A61K31/192	Oral solid dosage form containing nanoparticles and process of formulating the same using fish gelatin

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011091556 A1 20110421	US20060507084 20060818; US20000751059 20001229; US20000561111 20000428; US19990474866 19991230; US19990131638P 19990428	BAKER JR JAMES R [US]; HAMOUDA TAREK [US]; SHIH AMY [US]; MYC ANDRZEJ [US]	A61K9/107; A61K31/14; A61K31/4425; A61K45/06; A61P31/00	Antimicrobial compositions and methods of use
US2011070306 A1 20110324	US20060506442 20060818; US20020179547 20020625; US20010965447 20010927; US20010891086 20010625; US20000751059 20001229; US20000561111 20000428; US19990474866 19991230; US19990131638P 19990428	BAKER JR JAMES R [US]; HAMOUDA TAREK [US]; SHIH AMY [US]; MYC ANDRZEJ [US]	A61K9/107; A61K31/522; A61K45/06	Antimicrobial nanoemulsion compositions and methods
US2011052703 A1 20110303	US20090867215 20090211; US20080027633P 20080211; US20080030005P 20080220; WO2009IL00155 20090211	BARENHOLZ YECHEZKEL [IL]; DANINO DGANIT [IL]	A61K9/14; A61K31/415; A61K31/573; A61K31/58; A61K31/663; A61P29/00; A61P35/00	Beta-casein assemblies for mucosal delivery of therapeutic bioactive agents



<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
EP2269659 A1 20110105	EP20030707550 20030124; US20020351390P 20020124	BARNES JEWISH HOSPITAL [US]; BRISTOL MYERS SQUIBB MEDICAL IMAGING INC [US]	A61K49/22; A61K47/22; A61K47/42; A61K47/48; A61K49/00; A61K49/18; A61P43/00	Integrin targeted imaging agents
US2011059180 A1 20110310	FR20070008399 20071130; WO2008FR01661 20081128	BARTHELEMY PHILIPPE [FR]; CAMPLO MICHEL [FR]; CAMPINS NATHALIE [FR]; CHAUFFERT BRUNO [FR]; BOUYER FLORENCE [FR]	A61K9/51; A61K31/282; A61K33/24; A61P35/00; C07H19/06; C07H19/10; C07H19/16	Method for preparing nanoparticles based on functional amphiphilic molecules or macromolecules, and the use thereof
CA2779990 A1 20110519	US20090261387P 20091116; EP20090176122 20091116; EP20090176751 20091123; WO2010EP67425 20101115	BASF SE [DE]	A61K8/11	Metal oxide nanocomposites for uv protection
CN102112100 A 20110629	WO2009EP51612 20090212; US20080066599P 20080221	BASF SE [DE]	A61K8/11; A61K8/25; A61K8/34; A61K8/41; A61K8/42; A61K8/49; A61K8/58; A61Q5/12; A61Q19/00; A61Q19/10	Preparation of cationic nanoparticles and personal care compositions comprising said nanoparticles
KR20110043754 A 20110427	EP20080162286 20080813	BASF SE [DE]	C01G9/02; A61K8/27; C08K3/22; C09C1/04	Process for the preparation of nanoparticulate zinc oxide
WO2011033084 A1 20110324	EP20090170811 20090921	BASF SE [DE]; BRUECK EKKEHARD [NL]	H01F1/01; A61K41/00; B22F1/02; C22C1/04	Substrates comprising switchable ferromagnetic nanoparticles
US2011110985 A1 20110512	US20090613998 20091106	BATTELLE MEMORIAL INSTITUTE [US]	A61K9/00; A61K33/00; A61P39/04	Functionalized nanomaterials for chelation therapies and sorbent dialysis of toxins

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
EP2310068 A2 20110420	WO2009US49152 20090630; US20080166063 20080701	BAXTER INT [US]; BAXTER HEALTHCARE SA [CH]	A61M1/16; A61M1/28; A61M1/34	Nanoclay sorbents for dialysis device
US2011064819 A1 20110317	US20090991543 20090505; US20080050775P 20080506; US20080074171P 20080620; WO2009EP55435 20090505	BEATON ANDREW [GB]; CATCHPOLE IAN RICHARD [GB]; GOUGH GERALD WAYNE [GB]; PAPANICOLAOU IRENE [GB]	A61K9/14; A61K39/395; A61P25/28; A61P35/00	Encapsulation of biologically active agents
US2011123414 A1 20110526	US20100868234 20100825; US20040480540 20040702; US20010298957P 20010618	BECTON DICKINSON CO [US]	B01L3/14; B65D1/00; A61B5/15; B29C45/16	Multilayer containers
US2011059017 A1 20110310	US20100758599 20100412; US20070622915 20070112; US20060758873P 20060113	BECTON DICKINSON CO [US]	A61K49/00	Polymer coated sers nanotag
CN201885325U U 20110629	CN20102651444U 20101210	BEIJING RONGSHENG SHUIHE TECHNOLOGY CO LTD	F24F1/00; A61L9/18	Novel photolysis air purification device
CN101948823 A 20110119	CN20101274172 20100906	BEIJING SOUND ENVIRONMENTAL ENGINEERING CO LTD	C12N11/08; C12N11/04	Microorganism-embedded carrier with composite nanostructure and preparation method thereof
CN101982420 A 20110302	CN20101513790 20101020	BEIJING WEIXINYU BIOTECHNOLOGY CO LTD	C01G49/06; C12Q1/02	Solution of magnetic nanoparticles and preparation method and application thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
EP2281591 A1 20110209	IT2009BO00471 20090722; IT2009BO00472 20090722	BELLCO S R L [IT]	A61M1/16	Wearable artificial kidney with regeneration system
EP2277572 A1 20110126	IT2009BO00473 20090722; IT2009BO00474 20090722	BELLCO S R L [IT]	A61M1/16	Dialysis machine with regeneration system
US2011097410 A1 20110428	US20080674743 20080821; US20070957786P 20070824; WO2008US73846 20080821	BERNEY RICHARD L [US]	A61K9/14; A61K31/225	Formulations of px compounds
MX2011000795 A 20110329	IN2008MU01565 20080723; WO2009IN00416 20090722	BHARAT SERUMS AND VACCINES LTD [IN]	A61K9/107; A61K9/19; A61K31/337	Stable injectable oil-in-water docetaxel nanoemulsion.

Publicação (número e data)	Prioridade	Depositante	CIP	Título
CN102099016 A 20110615	WO2009US47513 20090616; US20080061760P 20080616; US20080061704P 20080616; US20080061697P 20080616; US20080088159P 20080812; US20080105916P 20081016; US20080106777P 20081020; US20090169541P 20090415; US20090169519P 20090415; US20090169514P 20090415; US2009	BIND BIOSCIENCES INC [US]	A61K9/16; A61K31/337; A61K33/24; A61K47/34	Drug loaded polymeric nanoparticles and methods of making and using same

Publicação (número e data)	Prioridade	Depositante	CIP	Título
KR20110036810 A 20110411	US20080061697P 20080616; US20080061704P 20080616; US20080061760P 20080616; US20080088159P 20080812; US20080105916P 20081016; US20080106777P 20081020; US20090169514P 20090415; US20090169519P 20090415; US20090169541P 20090415; US20090173784P 20090429; US200	BIND BIOSCIENCES INC [US]	A61K9/16; A61K31/337; A61K33/24; A61K47/34	Drug loaded polymeric nanoparticles and methods of making and using same

Publicação (número e data)	Prioridade	Depositante	CIP	Título
EP2309991 A2 20110420	WO2009US47517 20090616; US20090169514P 20090415; US20090175219P 20090504; US20090169519P 20090415; US20090169541P 20090415; US20090182300P 20090529; US20080061704P 20080616; US20090173784P 20090429; US20090175226P 20090504; US20080105916P 20081016; US2008	BIND BIOSCIENCES INC [US]	A61K9/16; A61K31/475; A61K47/34; A61P35/00	Therapeutic polymeric nanoparticles comprising vinca alkaloids and methods of making and using same
EP2285350 A2 20110223	WO2009US47554 20090616; US20080061712P 20080616	BIND BIOSCIENCES INC [US]	A61K9/16; A61K47/34; A61P35/00	Methods for the preparation of targeting agent functionalized diblock copolymers for use in fabrication of therapeutic targeted nanoparticles
WO2011072218 A2 20110616	US20090285722P 20091211	BIND BIOSCIENCES INC [US]; TROIANO GREG [US]; ZALE STEPHEN E [US]; WRIGHT JAMES [US]; VAN GEEN UOVEN TINA [US]; SONG YOUNG-HO [US]	A61K47/40; A61K31/335; A61K47/02; A61K47/30; A61K47/36; A61P35/00	Stable formulations for lyophilizing therapeutic particles

Publicação (número e data)	Prioridade	Depositante	CIP	Título
WO2011071970 A2 20110616	US20090285895P 20091211; US20100941447 20101108	BIOLITEC INC [US]; LANGER KLAUS [DE]; KNOBLOCH THOMAS [DE]; ROEDER BEATE [DE]; PREUSS ANNEGRET [DE]; ALBRECHT VOLKER [DE]; GRAEFE SUSANNA [DE]; WIEHE ARNO [DE]; VON BRIESEN HAGEN [DE]; LOEW KARIN [DE]; WAGNER SYLVIA [GH]	A61K47/30; A61K9/127; A61K33/20; A61P27/02; A61P29/00; A61P35/00	Nanoparticle carrier systems based on poly(dl-lactic-co-glycolic acid) (plga) for photodynamic therapy (pdt)
WO2011071968 A2 20110616	US20090285902P 20091211; US20100941350 20101108	BIOLITEC INC [US]; LANGER KLAUS [DE]; WACKER MATTHIAS [DE]; ROEDER BEATE [DE]; PRUESS ANNEGRET [DE]; ALBRECHT VOLKER [DE]; GRAEFE SUSANNA [DE]; WIEHE ARNO [DE]; VON BRIESEN HAGEN [DE]; WAGNER SYLVIA [DE]	A61K38/38; A61K31/40; A61K31/54; A61K38/18; A61K49/00; A61P35/00	Nanoparticle carrier systems based on human serum albumin for photodynamic therapy
WO2011010848 A2 20110127	KR20090065765 20090720	BITERIALS CO LTD [KR]; KIM JUN SUNG [KR]	A61K49/18; A61K49/06; A61P43/00	Multifunctional nanoparticles for fluorescence, mr and pet images comprising magnetic silica nanoparticles doped with a near-infrared (nir) dye allowing composite imaging of lymph nodes and deep organs, and a method for synthesising the same
CN101966210 A 20110209	CN20101248943 20100809	BLOOMAGE BIOTECHNOLOGY CORP LTD	A61K36/185; A23L2/38; A61P1/02; A61P25/04; A61P31/04	Folium Ilicis latifoliae total glycoside and preparation method thereof
RU2009145227 A 20110620	RU20090145227 20091208	BOBESHKO MARINA NIKOLAEVNA [RU]	A61K6/00; B82B1/00	Modified adhesive composition for blade denture fixation

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
WO2011050178 A2 20110428	US20090253532P 20091021	BOOKBINDER LONNIE [US]	A61K47/42; A61K9/127; A61K31/7105; A61K31/711; A61K38/16; A61P35/00	Targeted prdm gene or protein modulation therapeutic agents
US2011064652 A1 20110317	EP20080075267 20080331; WO2009EP02513 20090331	BORLAK JUERGEN [DE]; BENITA SHIMON [IL]; DEBOTTON NIR [IL]; KARRA NOUR [IL]	A61K49/04; A61K31/337; A61K47/34; A61K47/48; A61K49/00; A61K51/00; A61P35/00	Nanoparticles for targeted delivery of active agents to the lung
EP2319453 A1 20110511	EP20020799654 20020927; US20010331332P 20010928; US20010327629P 20011005	BOSTON SCIENT SCIMED INC [US]	A61B17/00; A61F2/02; A61F2/01; A61F2/06; A61F2/84; A61L29/00; A61L29/12; A61L31/00; A61L31/12; A61L33/00; A61M25/00	A cardiovascular balloon catheter comprising nanocomposites
US2011014264 A1 20110120	US20100888864 20100923; US20040007867 20041209	BOSTON SCIENT SCIMED INC [US]	A61F2/82; A61K31/726; A61K38/02; A61M31/00; A61P35/00; A61P43/00	Medical devices having nanostructured regions for controlled tissue biocompatibility and drug delivery
WO2011005421 A2 20110113	US20090224723P 20090710	BOSTON SCIENT SCIMED INC [US]	A61L29/16	Use of nanocrystals for a drug delivery balloon
US2011150778 A1 20110623	US201113018290 20110131; EP20030079014 20031222; US20040584382 20041221; WO2004IB04233 20041221	BRACCO RESEARCH SA [CH]	A61B5/055; A61B8/00; A61K9/00; A61K31/56; A61K31/70; A61K31/7088; A61K31/715; A61K38/00; A61K38/14; A61K38/22; A61K39/395; A61K41/00; A61K47/48; A61K49/22; A61K51/12; A61P43/00	Assembly of gas-filled microvesicle with active component for contrast imaging



Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011070205 A1 20110324	US20100890195 20100924; US20100598047 20100728; WO2008US05742 20080505; US20090247242P 20090930; US20090249172P 20091006; US20070927596P 20070503	BRIGHAM & WOMENS HOSPITAL [US]	A61K35/12; A61P3/10; A61P9/00; A61P9/04; A61P9/10; A61P25/00; A61P25/16; A61P43/00; C12N5/074; C12N5/077	Multipotent stem cells and uses thereof
US2011143993 A1 20110616	US20100969345 20101215; US20090286650P 20091215	BRIGHAM & WOMENS HOSPITAL [US]; MASSACHUSETTS INST TECHNOLOGY [US]	A61K38/08; A61P7/00; A61P9/10; A61P27/02; A61P35/00; C07K7/06; G01N33/68	Endothelial basement membrane targeting peptide ligands
WO2011038763 A1 20110407	WO2009EP62716 20090930	BUONAGURO FRANCO MARIA [IT]; BUONAGURO LUIGI [IT]; TORNESELLO MARIA LINA [IT]; IZZO FRANCESCO [IT]; MARINCOLA FRANCESCO [US]; CASTELLO GIUSEPPE [IT]; DE GIORGI VALERIA [IT]	C12Q1/68	Method for biomolecular detection of human liver diseases compositions and kits used in said method

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011091353 A1 20110421	US20100959106 20101202; US20100940547 20101105; US20070826513 20070716; US20020060208 20020201; US20010960703 20010924	BURGESS WILSON [US]; DROHAN WILLIAM N [US]; MACPHEE MARTIN J [US]; MANN DAVID M [US]	A61L2/00	Methods for sterilizing tissue
US2011020378 A1 20110127	EP20080101221 20080201; WO2009EP50996 20090129	BURKHARD PETER [US]	A61K39/00; A61P37/04; C07K2/00; C07K14/00; C07K14/11; C07K14/155; C07K14/445	Self-assembling peptide nanoparticles useful as vaccines
US2011091560 A1 20110421	US20100908775 20101020; US20100356450P 20100618; US20100355120P 20100615; US20090253814P 20091021	BURNHAM INST MEDICAL RESEARCH [US]	A61K9/14; A61K31/337; A61K31/704; A61K47/30; A61P35/00; B01F15/02	Compositions of nanoparticles and methods of making the same
US2011027174 A1 20110203	US20100905858 20101015; US20080112986 20080430; US20040005412 20041206; US20030527454P 20031205; US20040553907P 20040317	BUZATU DAN A [US]; WILKES JON G [US]; MILLER DWIGHT [US]; DARSEY JERRY A [US]; HEINZE TOM [US]; BIRLS ALEX [US]; BEGER RICHARD [US]	A61K51/12; A61K9/14; A61P35/00	Nanotubes for cancer therapy and diagnostics

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
MX2009013702 A 20110615	MX20090013702 20091215	C CT DE INVESTIGACION EN MATERIALES AVANZADOS S [MX]	A61K6/033	Ceramic nanocomposite for dental restoration and method for obtaining the same.
EP2323628 A2 20110525	WO2009US53620 20090812; US20080188855P 20080813	CALIFORNIA INST OF TECHN [US]	A61K9/16; A61K31/4745; A61K39/395; A61K47/34	Carrier nanoparticles and related compositions, methods and systems
US2011035836 A1 20110210	US20080663458 20080609; US20070929006P 20070607; WO2008CA01112 20080609	CANADA AGRICULTURE [CA]	C12N15/87; A01H5/00	Nanocarrier based plant transfection and transduction
EP2315837 A1 20110504	WO2009CA01155 20090817; US20080136245P 20080821	CANADA NAT RES COUNCIL [CA]	C12P3/00; C01B19/02; C12P1/02	Production of sulfur-free nanoparticles by yeast
US2011144061 A1 20110616	JP20080194041 20080728; JP20090158201 20090702; WO2009JP63706 20090727	CANON KK [JP]	A61K8/49; B01J31/02; B01J31/18; B32B1/00; C07F9/6506; C09D7/12; H01B1/12; H01B3/20	Nanoparticle/dispersant complex, nanoparticle dispersion liquid, and nanoparticle/matrix- material complex
US2011076336 A1 20110331	US20090995319 20090622; US20080075942P 20080626; WO2009US48096 20090622	CANTOR ADAM S [US]; GANSER JACQUELINE M [US]; MUETING MICHAEL W [US]; STEIN STEPHEN W [US]	A61K9/14; A61K31/56; A61K31/58; A61P11/06; A61P29/00	Dry powder pharmaceutical compositions for pulmonary administration, and methods of manufacturing thereof
US2011034969 A1 20110210	AU20070906334 20071119; WO2008AU01718 20081119	CAPCELEA EDMOND D [AU]; TREABA CLAUDIU [US]; DADD FYSH [AU]	A61N1/05	Electrode array for a cochlear implant

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
FR2954347 A1 20110624	FR20090059509 20091223	CAPSUM [FR]	C11D3/50; A61K8/04; A61K8/34; A61K8/97; A61Q13/00	Fragrance formulation, useful e.g. To prepare cleaning products e.g. Washing powder, comprises continuous aqueous phase comprising water and stabilizing agent and dispersed oil phase having flavoring agent and sequestering agent
WO2011077062 A1 20110630	FR20090059509 20091223; FR20100054167 20100528	CAPSUM [FR]; GOUTAYER MATHIEU [FR]; COURTEMANCHE MARION [FR]	C11D3/50; A61K8/06; A61Q13/00; C11D17/00	Flavouring formulations in the form of a nanodispersion
US2011064821 A1 20110317	US20090991556 20090505; US20080050775P 20080506; US20080074171P 20080620; WO2009EP55436 20090505	CATCHPOLE IAN RICHARD [GB]; GOUGH GERALD WAYNE [GB]; PAPANICOLAOU IRENE [GB]	A61K9/14; A61K38/16; A61K39/395; A61P27/02	Encapsulation of biologically active agents
KR20110068663 A 20110622	KR20090125727 20091216	CATHOLIC UNIV IND ACAD COOP [KR]	A61K9/51; A61K9/16; A61K9/64	Ph sensitive nano complex for drug delivery and preparation method thereof
US2011086073 A1 20110414	US20090995125 20090408; WO2008US88541 20081230; US20080058189P 20080602; US20080058190P 20080602; WO2009US39956 20090408	CEDARS SINAI MEDICAL CENTER [US]	A61K9/00; A61K31/385; A61K31/4188; A61K31/4375; A61K31/513; A61K31/704; A61K31/7088; A61K38/02; A61P29/00; C07C69/612; C07C229/66; C07D339/04; C07D409/12	Nanometer-sized prodrugs of nsoids

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011020371 A1 20110127	US20090935110 20090410; US20080044191P 20080411; WO2009US40252 20090410	CEDARS SINAI MEDICAL CENTER [US]	A61K39/395; A61P35/00; C08G63/91; C12N5/07	Poly(beta malic acid) with pendant leu-leu-leu tripeptide for effective cytoplasmic drug delivery
WO2011072240 A1 20110616	US20090285495P 20091210	CEDARS SINAI MEDICAL CENTER [US]; PATIL RAMESHWAR [US]; HOLLER EGGEHARD [US]; BLACK KEITH L [US]; LJUBIMOVA JULIA Y [US]	A01N43/52; A61K31/425	Drug delivery of temozolomide for systemic based treatment of cancer
CA2780292 A1 20110519	US20090259903P 20091110; WO2010US55897 20101109	CELGENE CORP [US]	A61K9/10; A61K31/4045; A61K47/38	Nanosuspension of a poorly soluble drug made by microfluidization process
US2011110864 A1 20110512	FR20080051830 20080321; WO2009FR00294 20090319	CENTRE NAT RECH SCIENT [FR]; INST NAT POLYTECH GRENOBLE [FR]	A61K49/00	Fluorescent nanocrystals encapsulated in an inorganic shell
WO2011007082 A1 20110120	FR20090055001 20090717	CENTRE NAT RECH SCIENT [FR]; TABELING PATRICK [FR]; TANTER MICKAEL [FR]; PANNACCI NICOLAS [FR]; COUTURE OLIVIER [FR]; FINK MATHIAS [FR]	A61K9/107; A61B5/00; A61J13/00; A61K9/00; A61K48/00	Emulsion activatable by ultrasounds and method for producing same

Publicação (número e data)	Prioridade	Depositante	CIP	Título
WO2011073054 A1 20110623	EP20090306238 20091215	CENTRE NAT RECH SCIENT [FR]; UNIV RENNES [FR]; I N S E R M INST NAT DE LA SANTE ET DE LA RECH MEDICALE [FR]; UNIV MONTPELLIER 2 SCIENCES ET TECH [FR]; BREVET DAVID [FR]; RAEHM LAURENCE [FR]; BLANCHARD-DESCE MIREILLE [FR]; MONGIN OLIVIER [FR]; GARY- BOBO-SA	C07D333/16; A61K41/00; A61K47/48; A61P35/00; C07D333/20; C07D495/04	Biphotonic photosensitizers, nanoparticles containing the same and their use as drugs
EP2293785 A2 20110316	WO2009FR50944 20090520; FR20080053264 20080520	CENTRE NAT RECH SCIENT [FR]; UNIV STRASBOURG [FR]	A61K9/51; A61K38/17; A61K47/36; A61P37/00	Nanoparticles containing a peptide, vectors containing the same and pharmaceutical uses of said nanoparticles and said vectors
WO2011004293 A1 20110113	FR20090003321 20090706	CENTRE NAT RECH SCIENT [FR]; WAGNER ALAIN [FR]; MEUNIER STEPHANE [FR]; THAUVIN CEDRIC [FR]; MORERE ALEXANDRE [FR]	C08F281/00; A61K9/00; A61K47/34; C01B31/00; C08F292/00; C08L51/00; C08L51/10	Method for preparing polymerized lipid constructs, resulting polymerized lipid constructs, and uses thereof for encapsulating active agents
JP2011078622 A 20110421	JP20090234209 20091008	CERAMICS CRAFT CO LTD	A61L9/14; A61L9/01; B05B5/057; B60H3/00	Electrostatic atomization apparatus
WO2011052979 A2 20110505	KR20090104840 20091102	CHABIO & DIOSTECH CO LTD [KR]; 3CRO INC [KR]; CHO SEONG-JE [KR]; DO JEONG-TAE [KR]; CHUNG HYUNG-MIN [KR]	C12N5/02; B82B3/00; C12N5/07	De-differentiation method of cells using nanocarrier, and preparation method of pluripotent stem cells using same

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
TW201114438 A 20110501	TW20100140986 20101126	CHANG GUNG MEDICAL FOUNDATION [TW]	A61K49/12; A61K35/39	Methods of using htcc-coated superparamagnetic iron oxide nanoparticles to label islet cells and applying the same to islet cell transplantation
CN102108375 A 20110629	CN20101593081 20101216	CHANGCHUN APPLIED CHEMISTRY	C12Q1/04	Method for detecting bacteria
CN102021225 A 20110420	CN20091067538 20090917	CHANGCHUN APPLIED CHEMISTRY	C12Q1/68; C12N15/85; G01N21/64	Application of hyperbranched polymine-spherical gold nanoparticles
US2011039291 A1 20110217	US20080525875 20080205; US20070899797P 20070205; WO2008US53103 20080205	CHEN FRANK FANQING [US]; KEASLING JAY D [US]; TANG YINJIE J [US]	C12Q1/02; C02F3/34	Bioremediation of nanomaterials
CN101935100 A 20110105	CN20091059791 20090629	CHENGDU INST BIOLOGY CAS	C02F1/62; C02F3/00; C02F3/34; C12N11/14	Biological pyrite composite material, preparation method thereof and using method thereof
US2011014609 A1 20110120	US20100687808 20100114; US20090144623P 20090114	CHILDRENS MERCY HOSPITAL [US]	C12Q1/68	Nucleic acid signal enhancement using nanoparticle-based hybridization
CN102085391 A 20110608	CN20091229016 20091208	CHINA NAT ACADEMY OF NANOTECHNOLOGY & ENGINEERING	A61L27/42; A61L27/56	Hydroxyapatite/chitosan-silk fibroin nanocomposite and preparation method thereof
CN102071135 A 20110525	CN20091228604 20091120	CHINA NAT ACADEMY OF NANOTECHNOLOGY & ENGINEERING	C12M1/34; G01Q10/04; G01Q60/44	High resolution patch clamp based on scanning probe microscopy technology and operating method thereof
CN102080072 A 20110601	CN20101562937 20101129	CHINESE ACAD INST CHEMISTRY	C12N11/14; C12Q1/02; C12Q1/68; G01N33/53	Biochip and preparation method thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN102051016 A 20110511	CN20091237062 20091103; CN20091259801 20091214	CHINESE ACAD INST CHEMISTRY	C08L53/00; A61K45/00; A61K47/32; A61K47/34; A61P35/00; C08F293/00; C08G63/664; C08G63/91; C08G65/48; C08J3/09	Degradable amphiphilic triblock copolymer micelle and preparation method and application of degradable amphiphilic triblock copolymer micelle
CN101948566 A 20110119	CN20101217334 20100623	CHINESE ACAD INST CHEMISTRY	C08G61/12; A61K31/795; A61K41/00; A61P31/10; A61P35/00; G01N33/52	Multifunctional polymer for resisting fungi and cancers and performing cell imaging and preparation method thereof
CN102030754 A 20110427	CN20091093081 20090928	CHINESE ACAD INST MICROBIOLOGY	C07D475/04; A61K47/34; A61K48/00; A61P9/00; A61P35/00; C08G65/48; C08G81/00	Non-viral vector, and preparation method and application thereof
US2011052713 A1 20110303	US20090863357 20090116; US20080021444P 20080116; US20080029514P 20080218; WO2009US31274 20090116	CHO YOUNGNAM [US]; SHI RIYI [US]; IVANSLEVIC ALBENA [US]; BORGENS RICHARD [US]	A61K9/14; A61K31/722; A61K33/00; A61K33/42; A61P25/00	Repairing damaged nervous system tissue with nanoparticles
CN101954096 A 20110126	CN20101505467 20101013	CHONGQING MEDICAL UNIVERSITY	A61K49/22; A61K49/04; A61K49/06; A61K49/18	Multifunctional ultrasound contrast agent and preparation method thereof
MX2009008968 A 20110221	MX20090008968 20090821	CIATEC A C [MX]	A61K45/06; A61F13/20	Method for the manufacture of a polymeric-based compound material with antifungal and antibacterial properties.
US2011052496 A1 20110303	US20100870215 20100827; WO2009IB05426 20090228; US20080067795P 20080228	CID-ARREGUI ANGEL [DE]	A61K49/00; A61K9/14; A61K39/29; A61K39/395; A61P1/16; A61P35/00; C07H21/04; C07K2/00; C07K14/02; C12N1/00; C12N5/10	Hollow nanoparticles and uses thereof



<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CA2781579 A1 20110526	IN2009MU02703 20091123; IN2010MU02522 20100913; WO2010GB02161 20101123	CIPLA LTD [IN]	A61K9/00; A61J1/00; A61K9/12; A61K31/415; A61K47/24	Topical foam composition
WO2011045764 A1 20110421	ZA20090006176 20091015	CIPLA MEDPRO RES AND DEV PTY LTD [ZA]; VAN REENEN CAROL [ZA]; DE JAGER HEUNIS TIAAN [ZA]; DICKS LEON MILNER THEODORE [ZA]; BOTES MARELIZE [ZA]; DE KWAADSTENIET MICHELE [ZA]	A61K9/70; A61K35/74; A61K38/00	A product for delivering antimicrobially active substances to an infected site
WO2011035989 A2 20110331	RU20090135435 20090924	CLOSED STOCK COMPANY INST OF APPLIED NANOTECHNOLOGY [RU]; FOND SALVATORE MAUGERI CLINICA DEL LAVORO E DELLA RIABILITAZIONE I R C C S [IT]; SIB LAB LTD [MT]; BARBAKOV VLADIMIR ILYCH [RU]; BEKLEMYSHV VIACHESLAV IVANOVICH [RU]; BEKLEMYSHEVA EVGENIYA FEDOROV	A61L17/00	Method of processing a thread especially for medical uses
KR20110028981 A 20110322	KR20090086644 20090914	CNPHARM CO LTD [KR]	C12N15/11; A61K47/48; A61P35/00	Active sirna-inorganic layered double hydroxide nanohybrid, a process for preparing the same, and a pharmaceutical composition comprising the same for treating targeted tumor

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011039950 A1 20110217	EP20080007291 20080414; EP20080019490 20081107; WO2009EP02511 20090406	COGNIS IP MAN GMBH [DE]	A61K47/26; A61K8/92	Alkyl and/or alkenyl ethers of alkyl and/or alkenyl (poly)glycosides and their use
WO2011073922 A1 20110623	IT2009FI00258 20091215	COLOROBIA ITALIANA SPA [IT]; BITOSSO MARCO [IT]; BALDI GIOVANNI [IT]; INNOCENTI FRANCO [IT]	C01G49/08; A61K33/26; A61K41/00; A61K49/06	Magnetite in nanoparticulate form
EP2318052 A1 20110511	WO2009EP60534 20090814; FR20080055588 20080814	COMMISSARIAT ENERGIE ATOMIQUE [FR]	A61K49/00; A61K9/107; A61K41/00; A61P43/00	Nanocrystal nano-emulsion
US2011038794 A1 20110217	FR20070007782 20071106; WO2008FR01560 20081106	COMMISSARIAT ENERGIE ATOMIQUE [FR]	C07C51/08; A61K51/04; C07C69/753; C07D207/46	Method of radiolabelling carbon nanotubes, radiolabelled carbon nanotubes and applications thereof
WO2011058046 A1 20110519	FR20090057920 20091110	COMMISSARIAT ENERGIE ATOMIQUE [FR]; AUGER AURELIEN [FR]; RACCURT OLIVIER [FR]; PONCELET OLIVIER JEAN CHRISTIAN [FR]; SAMUEL JORICE [FR]; SAUVAIGO SYLVIE [FR]; SCHUBERT CHLOE [FR]	A61K9/50; A61K9/51; B01J13/02; C01B33/18	Silica particle including a molecule of interest, method for preparing same and uses thereof
EP2275426 A1 20110119	WO2009ES70128 20090429; ES20080001230 20080429	CONSEJO SUPERIOR INVESTIGACION [ES]; INST CATALA DE NANOTECNOLOGIA [ES]	C07F3/06; A61K9/51; A61K47/24; A61K47/34; C07F19/00	Metallo-organic system for the encapsulation and release of compounds of interest, method for obtaining same and uses thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
EP2277548 A2 20110126	EP20040736221 20040607; GB20030013259 20030609	CONSEJO SUPERIOR INVESTIGACION [ES]; MIDATECH LTD [GB]	A61K47/48; A61K49/18	Magnetic nanoparticles linked to a ligand
EP2305100 A1 20110406	WO2009ES70205 20090605; ES20080001722 20080606	CONSEJO SUPERIOR INVESTIGACION [ES]; UNIV VALLADOLID [ES]; INSTITUCIO CATALANA DE RECERCA I ESTUDIS [ES]; UNIV BARCELONA AUTONOMA [ES]; CIBER BBN [ES]	A61B3/16; G02C7/04	Sensor contact lens, system for the non-invasive monitoring of intraocular pressure and method for measuring same
EP2296636 A1 20110323	WO2009EP56042 20090519; EP20080425351 20080520; EP20090749819 20090519	CONSORZIO PER IL CT DI BIOMEDICINA MOLECOLARE SCRL [IT]	A61K9/50; A61K9/51; A61K31/198; A61P25/28	Polyelectrolyte-encapsulated gold nanoparticles capable of crossing blood-brain barrier
WO2011017313 A1 20110210	US20090231179P 20090804	COPERNICUS THERAPEUTICS INC [US]; COOPER MARK J [US]	A61K48/00; A61P27/02	Method of administering non-viral nucleic acid vectors to the eye
WO2011044418 A2 20110414	US20090249871P 20091008	CORNELL RES FOUNDATION INC [US]; KING MICHAEL R [US]; HUGHES ANDREW [US]	C12Q1/24; C12M1/34; C12N5/07; G01N33/48	Fluid flow device containing nanotubes and method for cell trafficking using same

Publicação (número e data)	Prioridade	Depositante	CIP	Título
WO2011016053 A1 20110210	IN2009DE01620 20090804	COUNCIL OF SCIENT AND INDUSTRIAL RES; PRASAD L V BHAGAVATULA [IN]; PERIYASAMY SHANMUGHAM VIJAYKUMAR [IN]; OTHALATHARA USHARRAJ ABHILASH [IN]; BASHIR MOHAMMAD KHAN [IN]	C12N15/10; C12N1/14; C12N1/20; C12N15/89	Dna loaded supported gold nanoparticles, process for the preparation and use thereof
WO2011055047 A1 20110512	FR20090005378 20091109	CREASPINE [FR]; JENNY PHILIPPE [FR]; BERNARD MARC [FR]	A61K38/38; A61B18/20; A61K9/51; A61K38/39; A61K41/00; A61K47/48; A61L27/04; A61L27/22; A61L27/24; A61P41/00; H01J27/24; H01S3/067	Aqueous composition comprising gold nanoparticles, serum albumin and/or collagen for laser tissue welding
US2011033550 A1 20110210	WO2008AZ00012 20080218	CSIR [ZA]	A61K9/14; A61K31/133; A61K31/4409; A61K31/496; A61K31/4965	Nanoparticle carriers for drug administration and process for producing same
CN101951895 A 20110119	WO2008ZA00012 20080218	CSIR [ZA]	A61K9/51	Nanoparticle carriers for drug administration and process for producing same
WO2011036191 A2 20110331	EP20090382185 20090925	CT DE INVESTIGACION COOPERATIVA EN BIOMATERIALES CIC BIOMAGUNE ASOC [ES]; PENADES ULLATE SOLEDAD [ES]; GARCIA MARTIN ISABEL [ES]; GALLO PARAMO JUAN [ES]	A61K47/48; A61K49/18	Gold -coated magnetic glyconanoparticles functionalised with proteins for use as diagnostic and therapeutic agents

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
GB2472446 A 20110209	GB20090013803 20090807	CT FUER ANGEWANDTE NANOTECHNOLOGIE [DE]	A61K49/18; C01G49/08; C07F9/53	Metal oxide particles coated with polyethylene glycol and their synthesis
WO2011033040 A2 20110324	GB20090016202 20090916	CT FUER ANGEWANDTE NANOTECHNOLOGIE [DE]; ALEKSANDROVIC VESNA [DE]; SCHLUNDT CHARIS RABEA [DE]; WERNER KATJA [DE]; WOOST MARIE [DE]	A01P1/00	Antibacterial particles and their synthesis
KR20110028179 A 20110317	KR20090086151 20090911	DAE WOONG PHARMA [KR]	C07D403/12; A61K31/4709; A61P25/18	Aripiprazol-bentonite-aea nanohybrid, pharmaceutical composition containing the same, and method for preparing the same
KR20110028178 A 20110317	KR20090086150 20090911	DAE WOONG PHARMA [KR]	C07D403/10; A61K31/519; A61P15/10; C07D403/12	Sildenafil-bentonite-aea nanohybrid, pharmaceutical composition containing the same and method for preparing the same
KR20110028177 A 20110317	KR20090086149 20090911	DAE WOONG PHARMA [KR]	C07J9/00; A61K31/575; A61P1/16	Ursodesoxycholic acid-synthetic hydrotalcite- eudragit nanohybrid, pharmaceutical composition containing the same and method for preparing the same
KR20110073731 A 20110630	KR20090130454 20091224	DAEGU GYEONGBUK INST SCIENCE [KR]	C07D487/22; A61K31/409; A61P35/00	Water-soluble nanostructure for photodynamic therapy
JP2011067730 A 20110407	JP20090219143 20090924	DAIICHI KANKYO AQUA KK	C02F3/00; C02F3/10; C02F3/12; C02F3/34	Method and apparatus for water treatment
CN101947204 A 20110119	CN20101235402 20100721	DAIYIN PENG; WEIDONG CHEN; XIAOSHAN WANG; QINGLIN LI; YANJIE CHEN	A61K9/14; A61K9/10; A61K31/35; A61K47/24; A61K47/28; A61K47/34; A61K47/44; A61P35/00	Neo-gambogic acid sln (solid lipid nanoparticle) and preparation method thereof

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011089944 A1 20110421	US20070732352 20070403; US20060793788P 20060421; US20070904266P 20070228	DANA FARBER CANCER INSTITUTE [US]	C07H21/04; C07H1/00; C09K19/04; G01R33/44	Nucleic acid nanotube liquid crystals and use for nmr structure determination of membrane proteins
US2011098558 A1 20110428	US20100912570 20101026; US20080141844 20080618; US20070974105P 20070921; US20070944901P 20070619	DARTMOUTH COLLEGE THE TRUSTEES OF [US]	A61B5/055	System and method for use of nanoparticles in imaging and diagnosis
KR20110015462 A 20110215	US20080129132P 20080605	DAVIDSON RICHARD E [US]	A61K33/38; A61K33/00; A61P17/00	Acne treatment compositions comprising nanosilver and uses
US2011052715 A1 20110303	US20100816287 20100615; US20090187799P 20090617; US20090219993P 20090624; US20090222289P 20090701; US20090237178P 20090826; US20100327909P 20100426	DAVIS PAUL J [US]; DAVIS FAITH B [US]; MOUSA SHAKER A [US]; GLINSKY GENNADI V [US]; HERCBERGS ALECK [US]	A61K9/14; A61K31/74; A61K38/18; A61K38/22; A61P5/14; B32B5/00; C07K14/575	Nanoparticle and polymer formulations for thyroid hormone analogs, antagonists, and formulations and uses thereof

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011142941 A1 20110616	US20100947389 20101116; US20070004979 20071221; US20060876770P 20061222; US20070922113P 20070405; US20070936223P 20070618; US20070959006P 20070709; US20070967016P 20070830; US20070994895P 20070921; US20070000262P 20071023; US20070003935P 20071120	DAVIS PAUL J [US]; MOUSA SHAKER A [US]	A61K9/14; A61K31/192; A61K31/717; A61K31/721; A61K31/722; A61K31/728; A61K31/729; A61K31/734; A61K31/765; A61K38/02; A61K38/38; A61K38/39; A61P35/00; A61P35/04; C12N5/09	Nanoparticle and polymer formulations for thyroid hormone analogs, antagonists, and formulations and uses thereof
US2011118342 A1 20110519	US20100818099 20100617; US20060513756 20060830; US20050712865P 20050831; US20050736962P 20051114; US20050736931P 20051114	DE TAPAS [US]; DESAI NEIL P [US]; YANG ANDREW [US]; YIM ZACHARY [US]; SOON- SHIONG PATRICK [US]	A61K31/337; A61P35/00	Compositions and methods for preparation of poorly water soluble drugs with increased stability

Publicação (número e data)	Prioridade	Depositante	CIP	Título
WO2011007196 A1 20110120	WO2009IB53055 20090714	DEBIOTECH SA [CH]; TOURVIEILLE DE LABROUHE ARNAUD [CH]; PIVETEAU LAURENT- DOMINIQUE [CH]; HOFMANN HEINRICH [CH]	C23C24/00; A61L27/28; C23C26/00	Mechanically stable coating
WO2011023199 A1 20110303	DK20090000975 20090829	DENTOSOLVE [DK]; LOEVSCALL HENRIK [DK]; KJAERGAARD PIA [DK]; SKOVHUS THOMSEN JESPER [DK]	A61K6/06	Mineral trioxide aggregate (mta) composition and use
EP2316407 A1 20110504	EP20090013718 20091030	DENTSPLY DETREY GMBH [DE]	A61K6/083	Dental composition
CN201840576U U 20110525	CN20102543621U 20100921	DONGGUAN WARMLECOM ELECTRIC BLANKET CO LTD	A61F7/00; A61N5/06	Electric heating health-care device
CA2777030 A1 20110421	US20090252607P 20091016; WO2010US51655 20101006	DOW AGROSCIENCES LLC [US]	C12N15/87; A01H5/00; C12N15/68; C12N15/82	Use of dendrimer nanotechnology for delivery of biomolecules into plant cells
TW201108937 A 20110316	EP20090167095 20090803	DSM IP ASSETS BV [NL]	A01N25/12; A01N59/16; A61L2/23; A61P1/00; C02F1/50	Antimicrobial material for water sterilization
US2011014682 A1 20110120	US20100895908 20101001; US20060352582 20060213; US20030453415 20030603; US20020413273P 20020925; US20020385696P 20020604	DU PONT [US]	C12N7/00; C07K1/04; C07K7/08	Carbon nanotube binding peptides



Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011038896 A1 20110217	US20070820592 20070619; US20010927422 20010810; US20010802359 20010309; US20000188303P 20000310	DYNAVAX TECH CORP [US]	A61K39/385; C12N15/00; A61K9/00; A61K9/107; A61K9/16; A61K38/21; A61K39/395; A61K47/48; A61K48/00; A61P1/04; A61P11/00; A61P11/06; A61P13/12; A61P17/00; A61P27/14; A61P27/16; A61P31/04; A61P31/06; A61P31/12; A61P33/02; A61P33/10; A61P	Biodegradable immunomodulatory formulations and methods for use thereof
US2011092973 A1 20110421	US20070280280 20070226; US20060776215P 20060224; WO2007US04844 20070226	EASTERN VIRGINIA MED SCHOOL [US]; OLD DOMINION UNIVERSITY [US]	A61B18/00	Nanosecond pulsed electric fields cause melanomas to self-destruct
KR20110014485 A 20110211	KR20090072175 20090805	EASTHILL CO LTD [KR]; KOREA INST CERAMIC ENG & TECH [KR]	A61K8/19; A61K8/02; A61K8/67; A61K8/92	Boron nitride powder comprising nanoporous silicified phospholipid layers that can impregnate physiologically active material for cosmetic composition and manufacturing method thereof
KR20110062979 A 20110610	KR20090119884 20091204	ECOPHYCO TECH CO LTD [KR]	C12N1/12; A23K1/16; A61K8/99; C12N1/38	Medium composition for culturing nanochloropsis ep1 microalgae and use of the microalgae
US2011159054 A1 20110630	US201113039249 20110302; US20090475058 20090529; US20050312636 20051221; US20040638826P 20041222	ELAN PHARMA INT LTD [IE]	A61K9/14; A61K31/277; A61K38/09; A61P35/00; A61P35/04; C07C253/32	Nanoparticulate bicalutamide formulations

Publicação (número e data)	Prioridade	Depositante	CIP	Título
JP2011042670 A 20110303	US20030450705P 20030303	ELAN PHARMA INT LTD [IE]	A61K31/5415; A61K9/06; A61K9/10; A61K9/12; A61K9/14; A61K9/19; A61K9/20; A61K9/48; A61K47/14; A61K47/32; A61K47/34; A61P1/04; A61P1/12; A61P1/16; A61P5/24; A61P9/10; A61P9/14; A61P11/00; A61P11/02; A61P11/06; A61P11/16; A61P13/12; A6	Nanoparticulate meloxicam formulation
EP2332524 A1 20110615	EP20060735067 20060215; US20050653034P 20050215	ELAN PHARMA INT LTD [IE]	A61K9/72; A61K9/10; A61K9/14	Aerosol and injectable formulations of nanoparticulate benzodiazepine
JP2011037876 A 20110224	US20000572961 20000518	ELAN PHARMA INT LTD [IE]	A61K47/10; A61K47/38; A61K9/00; A61K9/16; A61K9/19; A61K9/20; A61K9/26; A61K31/192; A61K31/4422; A61K31/64; A61K45/00; A61K47/26; A61K47/32; A61K47/36; A61K47/42; A61K47/46; A61P3/10; A61P9/10; A61P9/12; A61P29/00	Rapidly disintegrating solid oral dosage form
JP2011006450 A 20110113	US19990392557 19990909	ELAN PHARMA INT LTD [IE]	A61K9/10; A61K38/00; A61K9/14; A61K38/13; A61K47/20; A61K47/34; A61K47/38; A61P29/00; A61P31/00; A61P33/00; A61P37/06	Nanoparticulate composition comprising amorphous cyclosporine and method of making and using such composition

Publicação (número e data)	Prioridade	Depositante	CIP	Título
EP2283864 A1 20110216	EP20030764723 20030716; US20020396530P 20020716	ELAN PHARMA INT LTD [IE]	A61K9/08; A61K47/02; A61K9/00; A61K9/10; A61K9/14; A61K9/51; A61K31/192; A61K31/57; A61K31/573; A61K31/58; A61K47/04; A61K47/06; A61K47/10; A61K47/18; A61K47/26; A61K47/28; A61K47/34; A61K47/38; A61K47/42; A61K47/44	Liquid dosage compositions fo stable nanoparticulate active agents
US2011008435 A1 20110113	US20070672263 20070207; US20060455600 20060619; US20060372857 20060310; US20040827689 20040419; US20030354483 20030130; US20020331754 20021230; US20010850425 20010507; US20000566636 20000508; WO1999US25632 19991101; US19980106726P 19981102; US20050692096P	ELAN PHARMA INT LTD [IE]	A61K9/14; A61K9/26; A61K9/20; A61K9/40; A61K9/48; A61K9/50; A61K9/54; A61K9/56; A61K9/58; A61K31/4458; A61K31/496; A61K47/32; A61P11/00; A61P25/00; A61P25/18; A61P43/00	Nanoparticulate and controlled release compositions comprising aryl-heterocyclic compounds

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EP2279727 A2 20110202	EP20060814574 20060913; US20050717325P 20050915	ELAN PHARMA INT LTD [IE]	A61K9/14; A61K31/496; A61P25/00	Nanoparticulate aripiprazole formulations
US2011064803 A1 20110317	US20060569206 20060509; US20060372857 20060310; US20050679399P 20050510; WO2006US17999 20060509	ELAN PHARMA INT LTD [IE]	A61K9/64; A61K9/14; A61K9/20; A61K9/22; A61K9/48; A61K9/50; A61K9/54; A61K31/122; A61P19/10	Nanoparticulate and controlled release compositions comprising vitamin k2
US2011027371 A1 20110203	US20060367716 20060306; US19990337675 19990622; US19980164351 19981001; US20030457810 20030610; US20020387404P 20020610	ELAN PHARMA INT LTD [IE]	A61K31/717; A61K9/12; A61K9/14; A61K9/20; A61K31/351; A61K31/397; A61K31/455; A61K31/56; A61P3/06; A61P9/00; A61P25/28	Nanoparticulate statin formulations and novel statin combinations
EP2275094 A2 20110119	EP19960932321 19960925; US19950004488P 19950929; US19960696754 19960814	ELAN PHARMA INT LTD [IE]	A61K9/14; A61K9/16; A61K9/127; A61K45/06; A61K47/30; A61K49/04; A61K49/18; B82Y5/00	Reduction of intravenously administered nanoparticulate-formula tion-induced adverse physiological reactions
US2011155586 A1 20110630	US20090655578 20091231	ELIBOL OGUZ H [US]; DANIELS JONATHAN S [US]; CREDO GRACE M [US]; SU XING [US]	C12Q1/25; C12Q1/42; G01N27/26	Nanogap chemical and biochemical sensors

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US2011071335 A1 20110324	US20090564695 20090922	EMPIRE TECHNOLOGY DEV LLC [US]	A61N2/10	Applications of alternating magnetic fields on magnetic nanoparticles
WO2011073726 A1 20110623	WO2009IB55754 20091215	EMULTEC S R L [IT]; FRATTER ANDREA [IT]	B01F17/34; A23D7/01; A61K9/107; B01F17/42	Nanoemulsion, method for its preparation and use
CA2782387 A1 20110609	US20090631370 20091204; WO2010GB02233 20101206	ENDOMAGNETICS LTD [GB]	A61B5/05; A61K49/06; A61K49/18; G01R33/12	Magnetic probe apparatus
CA2762524 A1 20110113	US20090179162P 20090518; WO2010US35304 20100518	ENSYSCE BIOSCIENCES INC [US]	A61K47/04; A61K31/713; C12N15/113; C12N15/63	Carbon nanotubes complexed with multiple bioactive agents and methods related thereto
US2011045031 A1 20110224	US20100876695 20100907; US20070678146 20070223; US20040790153 20040301; US20030367646 20030214; US20020356856P 20020214	ENSYSCE BIOSCIENCES INC [US]	A61K9/00; A61K47/48; A61K49/00; A61P35/00	Use of buckysome or carbon nanotube for drug delivery
CN102083447 A 20110601	WO2008US05638 20080502; US20080150562 20080429; US20070930364P 20070516	ENTEGRION INC	A61K35/14; C12N5/078	Delivery of micro-and nanoparticles with blood platelets
EP2304026 A2 20110406	WO2009US52396 20090731; US20080085289P 20080731	ENZON PHARMACEUTICALS INC [US]	C12N15/00; C12N15/88	Nanoparticle compositions for nucleic acids delivery system

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
EP2289553 A1 20110302	EP20090011190 20090901	ETH ZUERICH [CH]	A61K41/00; A61K49/00	Dispersant stabilization of inorganic non-metallic particles
US2011038901 A1 20110217	DE200410040735 20040823; WO2005EP08980 20050819	ETH ZUERICH [CH]; KINEMATICA AG [CH]; ION BOND AG [CH]; PROCESSTECH GMBH [CH]	B01F3/08; A23P1/00; A61K8/02; A61K8/06; A61K9/107; B01F5/06	Method for gentle mechanical generation of finely dispersed micro-/nano-emulsions with narrow particle size distribution and device for carrying out said method
WO2011020204 A1 20110224	EP20090010656 20090819	ETH ZUERICH [CH]; UNIV ZUERICH [CH]; STARK WENDELIN JAN [CH]; MOHN DIRK [CH]; ZEHNDER MATTHIAS [CH]; IMFELD THOMAS [CH]	A61K6/027; A61L27/10; A61L27/50	Radio-opaque bioactive glass materials
CN101951962 A 20110119	WO2008US60045 20080411; US20070911546P 20070413; US20070771490 20070629; US20070771481 20070629; US20070771472 20070629; US20070771399 20070629; US20070771361 20070629; US20070771384 20070629	ETHICON ENDO SURGERY INC	A61K49/00; A61B1/05; A61B1/313; A61B5/00; A61K41/00	Fluorescent nanoparticle compositions, methods, and devices

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WO2011036234 A1 20110331	FR20090056585 20090924	ETHYPHARM SA [FR]; INST NAT SANTE RECH MED [FR]; ROGER EMILIE [FR]; LAGARCE FREDERIC [FR]; BENOIT JEAN- PIERRE [FR]	A61K9/51	Lipid nanocapsules, method for preparing same, and use thereof as a drug
CA2768968 A1 20110407	US20090246831P 20090929; WO2010US50665 20100929	EYEGATE PHARMACEUTICALS INC [US]	A61K9/14; A61P27/02	Positively-charged poly (d,l-lactide-co-glycolide) nanoparticles and fabrication methods of the same
CN101945654 A 20110112	WO2008JP72699 20081212; JP20070324041 20071214	EZAKI GLICO CO [JP]; NANOEGG RES LAB INC [JP]	A61K31/385; A61K47/02; A61K47/34; A61P1/02; A61P17/00; A61P39/06; C07D339/04	Alpha-lipoic acid nanoparticle and method for producing the same
RU2414910 C1 20110327	RU20090149482 20091229	FEDERAL NOE G OBRAZOVATEL NOE UCHREZH DENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA SARATOVSKIY G AGR [RU]	A61K33/26; A61P7/06	Medicinal form for treatment and prevention of anemia in farm animals
RU2409347 C1 20110120	RU20090121939 20090608	FEDERAL NOE G OBRAZOVATEL NOE UCHREZH DENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA STAVROPOL SKIJ G [RU]	A61K9/08; A61K33/04; A61P25/00	Agent to correct stress conditions in animals

Publicação (número e data)	Prioridade	Depositante	CIP	Título
RU2009131582 A 20110227	RU20090131582 20090821	FEDERAL NOE G UCHREZHDENIE G NTS SOTSIAL NOJ I SUDEBNOJ PSIKHIATRII IM V P SERBSKOGO FGU GNTSSSP ROS [RU]	A61K39/00	Binary immunoliposomal nanosystem of targeted delivery to connexin -43 positive tumour cells
RU2417942 C1 20110510	RU20090135798 20090925	FEDERAL NOE G UCHREZHDENIE ROSTOVSKIJ NI ONKOLOGICHESKIJ INST FEDERAL NOGO AGENTSTVA VYSOKOTEKHNOLOG [RU]; SIDORENKO JURIJ SERGEEVICH [RU]; ZLATNIK ELENA JUR EVNA [RU]; PEREDREEVA LARISA VIKTOROVNA [RU]; BORODULIN VLADIMIR BORISOVICH [RU]; ZHORNIKOVA NATA	A61P35/00; B82B1/00	Method of increasing event-free duration of tumour-carrier life in experiment
RU2413311 C1 20110227	RU20090129312 20090729	FEDERAL NOE G UCHREZHDENIE ROSTOVSKIJ NI ONKOLOGICHESKIJ INST ROSMEDTEKHNOLOGIJ [RU]; ZLATNIK ELENA JUR EVNA [RU]; PEREDREEVA LARISA VIKTOROVNA [RU]; BORODULIN VLADIMIR BORISOVICH [RU]	A61K33/24; A61P35/00; G09B23/28	Method of antiproliferative action induction in experiment



<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN102078274 A 20110601	CN20111003627 20110110	FEI WANG	A61K8/97; A61K8/28; A61K8/29; A61Q19/00	Antibacterial plant essence hand cream applicable to infants and pregnant women
US2011046466 A1 20110224	US20090544061 20090819	FELDMAN BENJAMIN J [US]; OUYANG TIANMEI [US]; LIU ZENGHE [US]; CHO BRIAN [US]	A61B5/1468; G01N27/26	Analyte sensors including nanomaterials and methods of using same
EP2316424 A1 20110504	EP20050015104 19980123; EP19980902614 19980123; US19970036727P 19970124; US19970052578P 19970715; US19970971346 19971117	FEMMEPHARMA HOLDING COMPANY INC [US]	A61K9/02; A61K9/06; A61K9/00; A61K31/565; A61K31/58; A61P15/00; A61P31/20; A61P31/22	Pharmaceutical preparations and methods for their regional administration
US2011158962 A1 20110630	IT2008RM00342 20080626; WO2009EP58015 20090626	FERRO FEDERICO [IT]	A61K35/12; A61P1/18; A61P3/10; C12N5/07	Dental pulp marrow similar cells (dpmsc) and methods of isolating and using
CN101984958 A 20110316	CN20101527042 20101101	FIRST TEACHING HOSPITAL OF XINJIANG MEDICAL UNIVERSITY; XINJIANG HYDATID CLINICAL RES INST	A61K9/14; A61K31/4184; A61P33/00	Nanoscale albendazole micropowder and preparation method thereof
US2011129540 A1 20110602	US20100955076 20101129; FR20090058413 20091126; WO2010IB55440 20101126; US20090265092P 20091130	FLAMEL TECH SA [FR]	A61K9/14; A61K38/00; C08F8/12; C08F8/32	Polymer of acrylic or methacrylic type comprising alpha-tocopherol grafts

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EP2317990 A2 20110511	WO2009FR51495 20090724; FR20080055179 20080728	FLAMEL TECH SA [FR]	A61K9/50; A61K9/14; A61K47/34	Microparticulate oral drug form useful for the modified release of nanoparticles
RU2418583 C1 20110520	RU20090142131 20091117	FLOROVA MARINA ALEKSANDROVNA [RU]; FLOROVA VIOLETTA SERGEEVNA [RU]	A61K31/167; A61K38/39; A61P15/00	Method of treating benign lesions of cervix
US2011008797 A1 20110113	EP20080005370 20080320; WO2009EP02052 20090319	FRAUNHOFER GES FORSCHUNG [DE]; MERCK PATENT GMBH [DE]	C12Q1/68; C12M1/00; C12M1/34; C12P19/34	Method and device for the thermal control of temperature-dependent enzymatic reactions using magnetic particles or magnetic beads and alternating magnetic fields
JP2011077572 A 20110414	JP20090223691 20090929	FUJIFILM CORP [JP]	H04R17/00; A61B8/00; H04R31/00	Ultrasonic transducer and producing method thereof, and ultrasonic probe
US2011117045 A1 20110519	US201113014342 20110126; JP20070013262 20070124; JP20070131370 20070517; US20080018973 20080124	FUJIFILM CORP [JP]	A61Q7/00	Composition for hair
US2011038905 A1 20110217	US20100914482 20101028; JP20070096192 20070402; US20080060392 20080401	FUJIFILM CORP [JP]	A61K8/49; A61K8/31; A61K8/36; A61K8/365; A61K8/64; A61Q19/08	Skin anti-aging agent for external use
WO2011078154 A1 20110630	JP20090289290 20091221	FUJIFILM CORP [JP]; KANAZAWA KATSUHIKO [JP]; AIMI MAKIKO [JP]; TANAKA HIDEAKI [JP]	A61K8/64; A61K8/06; A61Q5/02; A61Q5/12	Manufacturing method for hair cosmetic

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
JP2011063889 A 20110331	JP20090212754 20090915	FUJIFILM CORP [JP]; UNIV KYUSHU	D02G3/36; A61L9/01; D01D5/04; D01F6/00; D01F8/02; D04H1/72; D06M15/15; D06M15/70	Cross-spray electric field spinning
WO2011012754 A2 20110203	ES20090030539 20090730; ES20090031247 20091223	FUNDACION CIDETEC [ES]; OCHOTECO VAQUERO ESTIBALIZ [ES]; JUBETE DIEZ ELENA [ES]; POMPOSO ALONSO JOSE ADOLFO [ES]; GRANDE TELLERIA HANS-JURGEN [ES]; LOAIZA OSCAR A [ES]; CABANERO GERMAN [ES]; ISTAMBOULIE GEORGES [FR]; NOGUER THIERRY [FR]; MARTY JEAN LOUIS	C12Q1/00; G01N27/30; G01N33/487; G01N33/543	Electrochemical sensor for the detection of analytes in liquid media
RU2421245 C1 20110620	RU20100117527 20100430	G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA NATSIONAL NYJ I SKIJ TOM PU [RU]	A61F2/02; A61L27/12	Method of producing calcium-phosphate micro/nanostructure samples

Publicação (número e data)	Prioridade	Depositante	CIP	Título
CN102085023 A 20110608	CN20101189651 20100602	GANG CHENG	A41D13/00; A41D31/00; A61K33/00; A61K33/04; A61K33/24; A61K33/26; A61K35/02; A61K35/56; A61K35/64; A61K36/804; A61K36/884; A61K36/8888; A61K36/8945; A61K36/8968; A61K36/8984; A61K36/8988; A61M37/00; A61N1/44; A61N5/06; A61P9/12; D01F1/10	Nanometer chinese medicine element anion far infrared electromagnetic wave pollution preventing and blood pressure reducing health care coat
CN101961412 A 20110202	CN20101189620 20100602	GANG CHENG	A61K36/756; A61K33/04; A61K33/08; A61K33/24; A61K33/30; A61K33/34; A61K33/36; A61K33/38; A61K35/56; A61K35/64; A61K36/8905; A61K36/896; A61K36/904; A61P17/12	Medicinal preparation for external use for strengthening treatment on verrucas by chinese traditional medicines comprising nano-silver and selenium elements
US2011076665 A1 20110331	US20090996412 20090605; US20080131017P 20080605; WO2009US46407 20090605	GATENHOLM PAUL [US]; DAVALOS RAFAEL V [US]; SANO MICHAEL B [US]	A01N1/00; B32B23/00; C08B1/00; C12M1/00; C12N5/00; C40B50/06	Electromagnetic controlled biofabrication for manufacturing of mimetic biocompatible materials
US2011123629 A1 20110526	US20090864550 20090125; US20080006659P 20080125; WO2009IL00097 20090125	GAVISH GALILEE BIO APPLICTIONS LTD [IL]; HADASIT MED RES SERVICE [IL]	A61K39/395; A61K9/14; A61P35/00	Targeting of innate immune response to tumor site

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US7914442 B1 20110329	US20020268392 20021009; US20010817842 20010326; US19990259194 19990301	GAZDZINSKI ROBERT F [US]	A61B1/05	Endoscopic smart probe and method
KR20110009049 A 20110127	US20090581938 20091020; US20090227101P 20090721	GE HEALTHCARE AS [NO]	C07C231/24; A61K49/04; C07C237/46	Processing crude iodixanol mixture by nanofiltration
KR20110009043 A 20110127	US20090566038 20090924; US20090227084P 20090721	GE HEALTHCARE AS [NO]	C07C231/12; A61K49/04; C07C231/24; C07C237/46	Improvements in crystallization of an intermediate for synthesizing non-ionic x-ray contrast agents
CA2710102 A1 20110121	US20090227084P 20090721; US20090566038 20090924	GE HEALTHCARE AS [NO]	C07C231/22; C07C231/12; C07C237/46	Improvements in crystallization of an intermediate for synthesizing non-ionic x-ray contrast agents
CA2777871 A1 20110505	US20090609799 20091030; WO2010EP66429 20101029	GEN ELECTRIC [US]	A61K49/18; A61K49/04	Treating water insoluble nanoparticles with hydrophilic alpha-hydroxyphosphonic acid conjugates, the so modified nanoparticles and their use as contrast agents
CN102083471 A 20110601	WO2009EP52523 20090304; US20080042701 20080305	GEN ELECTRIC [US]	A61K49/18	Novel mixed ligand core/shell iron oxide nanoparticles for inflammation imaging
EP2271371 A2 20110112	WO2009EP55598 20090508; US20080117873 20080509	GEN ELECTRIC [US]	A61K49/18	Novel pei-peg graft copolymer coating of iron oxide nanoparticles for inflammation imaging

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011046004 A1 20110224	US20100772747 20100503; US20080194475 20080819; US20020165258 20020606; US20010296378P 20010606	GEN HOSPITAL CORP [US]	G01N33/53; A61K47/48; C40B30/04; G01N33/543	Magnetic-nanoparticle conjugates and methods of use
CN102014843 A 20110413	WO2008IT00241 20080411	GEN PROJECT S R L	A61H7/00; A61H23/02	Handpiece for ultrasound treatments of human tissue
WO2011044367 A1 20110414	US20090278576P 20091007; US20100380671P 20100907	GENOGEN INC [US]; MIZE NANCY [US]	A61K38/18; A61K9/00; A61K47/30; A61P17/02	Methods and compositions for skin regeneration
US2011091562 A1 20110421	US20090997983 20090616; US20080061715P 20080616; WO2009US47555 20090616	GEORGIA TECH RES INST [US]	A61K9/14; A61K31/713; A61K47/32; A61P35/00; C12N5/071	Nanogels for cellular delivery of therapeutics
US2011077581 A1 20110331	US20100890519 20100924; US20090245725P 20090925	GEORGIA TECH RES INST [US]	A61K9/16; A61K31/138; A61K31/335; A61K31/4166; A61N5/06; A61P35/00; C07C215/28; C07D233/80	Targeted cellular delivery of nanoparticles
KR20110025975 A 20110314	US20080073161P 20080617; US20080073973P 20080619	GEORGIA TECH RES INST [US]	A61M1/36; A61M1/34; B03C1/02	Superparamagnetic nanoparticles for removal of cells, pathogens or viruses

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011082413 A1 20110407	US20090935122 20090330; US20080040365P 20080328; WO2009US38849 20090330	GEORGIA TECH RES INST [US]	A61N1/30; G01R1/06	Electrode arrays and methods of making and using same
US2011064810 A1 20110317	US20100948918 20101118	GHANAVI JALALEDDIN [IR]	A61K9/14; A61K35/12	Tissue engineering method for organ reconstruction using injectable matrix
US2011059167 A1 20110310	US20090991521 20090505; US20080050775P 20080506; US20080074171P 20080620; WO2009EP55437 20090505	GLAXO GROUP LTD	A61K9/48; A61K38/02; A61K39/395; A61P9/10; A61P25/28; A61P27/02; A61P31/14; A61P35/02; A61P43/00; B29D22/00	Encapsulation of biologically active agents
US2011003003 A1 20110106	US20090866004 20090204; US20080006861P 20080204; WO2009US33086 20090204	GOLDBERG JEFFREY L [US]; HALPERN ALAN [US]	A61K9/00; A61K35/12; A61P27/02; C12N5/071; C12N5/079	Magnetic cells for localizing delivery and tissue repair
US2011159601 A1 20110630	US20100961021 20101206; US20040918959 20040816; US20030495292P 20030815	GOLOVCHENKO JENE A [US]; LI JIALI [US]; STEIN DEREK [NL]; GERSHOW MARC H [US]	G01N33/00; C12Q1/68	Study of polymer molecules and conformations with a nanopore

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011142927 A1 20110616	US20110931935 20110215; US20090378976 20090220; US20080286504 20080930; US20080151230 20080505; US20060398145 20060405; US20050284734 20051121; US20050029082 20050104; US20080204025P 20081231	GP MEDICAL INC [US]; NAT UNIV TSINGHUA [TW]	A61K9/48; A61K9/28; A61K9/50; A61K38/17; A61K38/43; A61P7/00	Nanoparticles for protein drug delivery
US7919072 B1 20110405	US20090462576 20090805; US20080286504 20080930; US20080151230 20080505; US20060398145 20060405; US20050284734 20051121; US20050029082 20050104; US20080204025P 20081231	GP MEDICAL INC [US]; NAT UNIV TSINGHUA [TW]	A61K51/00; A61K9/50	Nanoparticles for protein drug delivery



Publicação (número e data)	Prioridade	Depositante	CIP	Título
US7910086 B1 20110322	US20100799283 20100421; US20090589300 20091021; US20080221897 20080807; US20080151230 20080505; US20060398145 20060405; US20050284734 20051121; US20050029082 20050104	GP MEDICAL INC [US]; NAT UNIV TSINGHUA [TW]	A61K51/00; A61K9/50	Nanoparticles for protein drug delivery
US7901711 B1 20110308	US20070974836 20071016; US20060405066 20060417	GP MEDICAL INC [US]; NAT UNIV TSINGHUA [TW]	A61K9/14; A61K9/16; A61K9/50	Nanoparticles for protein/peptide delivery and delivery means thereof
US7901666 B1 20110308	US20090455339 20090601; US20080151230 20080505; US20060398145 20060405; US20050284734 20051121; US20050029082 20050104; US20080204025P 20081231	GP MEDICAL INC [US]; NAT UNIV TSINGHUA [TW]	A61K51/00; A61K9/50	Nanoparticles for protein drug delivery

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US7879313 B1 20110201	US20100800848 20100524; US20090321855 20090126; US20080286504 20080930; US20080151230 20080505; US20060398145 20060405; US20050284734 20051121; US20050029082 20050104; US20090269424P 20090624	GP MEDICAL INC [US]; NAT UNIV TSINGHUA [TW]	A61K51/00; A61K9/50	Nanoparticles for protein drug delivery
US7871990 B1 20110118	US20090456927 20090624; US20080286504 20080930; US20080151230 20080505; US20060398145 20060405; US20050284734 20051121; US20050029082 20050104	GP MEDICAL INC [US]; NAT UNIV TSINGHUA [TW]	A01N43/04; A61K38/00	Nanoparticles for protein drug delivery

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US7879819 B1 20110201	US20090455388 20090601; US20080151230 20080505; US20060398145 20060405; US20050284734 20051121; US20050029082 20050104; US20080204025P 20081231	GP MEDICAL INC [US]; NAT UNIV TSINGHUA [TW]	A01N43/04; A61K38/00	Nanoparticles for protein drug delivery
US7879312 B1 20110201	US20090454803 20090523; US20080286504 20080930; US20080151230 20080505; US20060398145 20060405; US20050284734 20051121; US20050029082 20050104; US20080204025P 20081231	GP MEDICAL INC [US]; NAT UNIV TSINGHUA [TW]	A61K51/00; A61K9/50	Nanoparticles for protein drug delivery

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US7863259 B1 20110104	US20090378985 20090220; US20080286504 20080930; US20080151230 20080505; US20060398145 20060405; US20050284734 20051121; US20050029082 20050104; US20080204025P 20081231	GP MEDICAL INC [US]; NAT UNIV TSINGHUA [TW]	A01N43/04; A61K38/00	Nanoparticles for protein drug delivery
US7871989 B1 20110118	US20090322444 20090202; US20080286504 20080930; US20080151230 20080505; US20060398145 20060405; US20050284734 20051121; US20050029082 20050104; US20080204025P 20081231	GP MEDICAL INC [US]; NAT UNIV TSINGHUA [TW]	A01N43/04; A61K38/00	Nanoparticles for protein drug delivery

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US7863258 B1 20110104	US20090322443 20090202; US20080286504 20080930; US20080151230 20080505; US20060398145 20060405; US20050284734 20051121; US20050029082 20050104; US20080204025P 20081231	GP MEDICAL INC [US]; NAT UNIV TSINGHUA [TW]	A01N43/04; A61K38/00	Nanoparticles for protein drug delivery
CA2767428 A1 20110113	US20090223944P 20090708; US20090226153P 20090716; US20090228250P 20090724; US20090235574P 20090820; US20090249804P 20091008; US20090263648P 20091123; US20100294690P 20100113; WO2010US41427 20100708	GR INTELLECTUAL RESERVE LLC [US]	C30B29/02; A61K33/24; C01G7/00; C25C5/00; C30B7/12	Novel gold-based nanocrystals for medical treatments and electrochemical manufacturing processes therefor
KR20110039798 A 20110420	KR20090096803 20091012	GREEN CROSS CORP [KR]	A61K9/16; A61K47/24; A61K47/42	Method for preparing hdl nanoparticles for the delivery of hydrophobic drugs

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN101935704 A 20110105	CN20101265151 20100827	GUANGZHOU INST OF BIOMEDICINE AND HEALTH CHINESE ACADEMY OF SCIENCES	C12Q1/68; G01N21/64	Liquid-phase chip detection system based on biological bar code
CN101942386 A 20110112	CN20091040930 20090708	GUANGZHOU INST OF BIOMEDICINE AND HEALTH CHINESE ACADEMY OF SCIENCES	C12M1/34; C12N15/10; C12Q1/68	Nucleic acid nanogold biosensor and preparation method thereof
CN102018727 A 20110420	CN20091114409 20090918	GUILIN LAYN NATURAL INGREDIENTS INC	A61K35/56; A61K8/98; C12P1/00	Preparation method of pearl hydrolysate
CN201840120U U 20110525	CN20102596573U 20101109	HAIPENG YAO	A47C27/12; A61L9/22; A61N1/44	Multifunctional anion cushion
CN201840985U U 20110525	CN20102596572U 20101109	HAIPENG YAO	B01D53/81; A61L9/014; A61L9/22; B01D46/12	Multifunctional negative ion filter
US2011111367 A1 20110512	KR20090108221 20091110	HAN DONG KEUN [KR]; PARK KWI DEOK [KR]; KIM JAE-JIN [KR]; PARK CHUL HO [KR]; CHO SEONG BAE [KR]	A61C8/00; A61F2/82; B05D3/06; B05D3/10; B32B5/00; B32B15/08	Nanocoupling for improvement of coating adhesion of polymer on metal substrates
CN201753009U U 20110302	CN20102277484U 20100730	HANGZHOU HONGPIAOCHONG TECHNOLOGY CO LTD	B60J3/00; A61L9/00; A61L9/014	Multifunctional sun-shading curtain
KR20110014877 A 20110214	KR20090072462 20090806	HANNAM UNIVERSITY INST FOR INDUSTRY ACADEMIA COOPERATION [KR]	A61K9/16; A61K31/40; A61K47/34; A61P9/10	Process for preparing biocompatible nanoparticle containing hydrophobic drug using solvent- evaporation method and nanoparticle prepared thereby
CN102061162 A 20110518	CN20101563507 20101129	HARBIN INST OF TECHNOLOGY	C09K11/06; A61K47/02; A61K47/04; A61K47/20; A61K49/00; H01F1/10	Method for preparing magneto-optic difunctional cnt/fe304@sio2 (fitc) (fluorescein isothiocyanate) one-dimensional nano composite material

Publicação (número e data)	Prioridade	Depositante	CIP	Título
CA2772789 A1 20110421	US20090243607P 20090918; US20100355528P 20100616; WO2010US49238 20100917	HARVARD COLLEGE [US]	G01N33/487; C12Q1/68; G01N27/447	Bare single-layer graphene membrane having a nanopore enabling high-sensitivity molecular detection and analysis
US2011137154 A1 20110609	US20100960746 20101206; US20090631370 20091204	HATTERSLEY SIMON RICHARD [GB]; PANKHURST QUENTIN ANDREW [GB]	A61B5/05; A61B17/34	Magnetic probe apparatus
EP2320867 A2 20110518	WO2009EP59671 20090727; DE200810035442 20080726	HC BERLIN PHARMA AG [DE]; UNIV ERNST MORITZ ARNDT [DE]	A61K8/92; A23L1/28; A61K8/97; A61K36/07; A61K36/074; A61K45/06; A61Q19/08	Preparations based on artemisia annua, the conversion thereof into microparticles and nanoparticles, and use of same
US2011091373 A1 20110421	US20100909573 20101021; US20090279522P 20091021	HEALTH RESEARCH INC [US]; UNIV NEW YORK STATE RES FOUND [US]; UNIV MICHIGAN [US]	A61K51/00; A61K49/00; A61K49/06; C07D487/22	Paa nanoparticles for enhancement of tumor imaging
DE102009037011 B3 20110512	DE200910037011 20090808	HELMHOLTZ ZENT B MAT & ENERG [DE]	G03F7/00; B81C1/00; B82B3/00; C12M1/34; C12Q1/00	Molecular lithography process for nanopattern generation in a substrate, comprises producing a mask structure with a self-styled organization, from single unbranched macromolecules with negative load
EP2322142 A1 20110518	EP20090175794 20091112	HELMHOLTZ ZENTRUM GEESTHACHT ZENTRUM FUER MATERIAL UND KUESTENFORSCHUNG GMBH [DE]; UNIVERSITAETSKLINIKUM HAMBURG [DE]	A61K9/00; A61K9/51	Bio-compatible, magnetic nano-particles for handling glioblastoma

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011117186 A1 20110519	US20100949897 20101119; US20090262745P 20091119	HELSON LAWRENCE [US]	A61K9/127; A61K31/12; A61P25/16; A61P25/28; A61P27/02; A61P27/12; A61P33/00; A61P35/00	Intravenous infusion of curcumin and a calcium channel blocker
US2011111012 A1 20110512	US20090590712 20091112	HEMCON MEDICAL TECHNOLOGIES INC	A61K9/70; A61K31/715; A61K31/717; A61K31/722; A61K33/38; A61K38/16; A61P19/02; B29C47/00; B32B37/02	Nanomaterial wound dressing assembly
WO2011000357 A2 20110106	DE200910031767 20090630; DE200910031768 20090630	HERBST FRANZ [DE]; SERBEZOV VALERY [BG]; VASCOTEC GMBH [DE]	C23C14/28	Method and device for the deposition of thin layers, particularly for producing multi-layer coatings, nanolayers, nanostructures and nanocomposites
GB2474671 A 20110427	GB20090018538 20091022	HIRTREITER ANGELA MARIA [GB]	A61N2/00; A61B18/18; A61K39/385; A61K39/395; A61K47/48; A61N1/32; C07K16/18	Tattoo removal using magnetic properties of the ink
US2011087062 A1 20110414	DE200910049182 20091013	HOERNIG MATHIAS [DE]; MASCHKE MICHAEL [DE]	A61N5/10; H01J35/02	Miniature x-ray tube for a catheter
TW201111499 A 20110401	TW20090133066 20090930	HON HAI PREC IND CO LTD [TW]	C12M1/38	Thermal cyclers
TW201111009 A 20110401	TW20090132007 20090922	HON HAI PREC IND CO LTD [TW]	A61N5/06	Infrared physiotherapeutic device
JP2011111429 A 20110609	JP20090271437 20091130	HOSOKAWA MICRON KK [JP]	A61K9/51; A61K47/32; A61K47/34; A61K47/36	Method for producing medicament-containing nano particle
US2011022027 A1 20110127	JP20080063143 20080312; JP20080249611 20080929; WO2009JP54720 20090312	HOSOKAWA MICRON KK [JP]; ANGES MG INC [JP]; MEDIKIT CO LTD [JP]	A61L29/16; A61M25/10; B05D5/00	Drug-eluting catheter and method of manufacturing the same



<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011144471 A1 20110616	US20090639605 20091216	HSU HUI-LIN [TW]; YEW TRI-RUNG [TW]; CHEN HSIN [TW]; CHEN YUNG- CHAN [TW]	A61B5/0478; H05K3/10	Flexible probe structure and method for fabricating the same
US2011104294 A1 20110505	TW20090137256 20091102	HUA MU-YI [TW]; YANG HUNG-WEI [TW]; TSAI RUNG-YWAN [TW]; WEI KUO-CHEN [TW]; CHEN PIN-YUAN [TW]; HUANG CHIUNG-YIN [TW]	A61K9/14; A61K31/16; A61K31/175; A61K31/4015; A61P35/00	Magnetic nanocomposite for inhibiting/treating cancer and method for fabricating the same
US2011104077 A1 20110505	TW20090137282 20091102	HUA MU-YI [TW]; YANG HUNG-WEI [TW]; TSAI RUNG-YWAN [TW]; WEI KUO-CHEN [TW]; CHEN PIN-YUAN [TW]; LIU HAO- LI [TW]	A61K49/18; A61K47/34	Magnetic nanocomposite with multi-biofunctional groups and method for fabricating the same
CN101947212 A 20110119	CN20101281398 20100908	HUA QIAO UNIVERSITY	A61K9/50; A61K9/52; A61K47/34; A61K47/36	Micro-embedded medicament carrier and preparation method thereof
CN102061321 A 20110518	CN20101547831 20101117	HUNAN UNIVERSITY OF CHINESE MEDICINE	C12P19/02; A61K31/7004	Method for preparing glucose raw material for injection from broken rice and preparations
CN102085182 A 20110608	CN20111026418 20070930	HUNAN ZHENGQING PHARMACEUTICAL GROUP CORP	A61K9/10; A61K31/473; A61K31/485; A61K47/42; A61P19/02; A61P19/04; A61P29/00	Sinomenine hydrochloride slow-release injection and preparation method thereof
US2011086338 A1 20110414	US20060884604 20060216; US20050654784P 20050218; WO2006US05537 20060216	HWANG JEESEONG [US]; EDGAR ROTEM [US]; MCKINSTRY MICHAEL [US]; GIULIAN GARY [US]; MERRIL CARL [US]; ADHYA SANKAR [US]	C12Q1/70; C12N7/00	Bacteriophage/quantum-dot (phage-qd) nanocomplex to detect biological targets in clinical and environmental isolates

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011143417 A1 20110616	US20100968936 20101215; US20090396965 20090303; US20060391584 20060328; US20050668603P 20050406; US20050728292P 20051019; US20050751196P 20051216; US20060782332P 20060314	IBC PHARMACEUTICALS INC [US]	C12N9/96; C07K19/00	Stably tethered structures of defined compositions with multiple functions or binding specificities
US2011008251 A1 20110113	US20090468589 20090519; US20060389358 20060324; US20050668603P 20050406; US20050728292P 20051019; US20050751196P 20051216	IBC PHARMACEUTICALS INC [US]	A61K51/08; A61K38/02; A61K38/19; A61K38/49; A61K39/395; A61K49/00; A61K49/14; A61K49/22; A61P7/02; A61P11/06; A61P19/02; A61P25/28; A61P31/22; A61P35/00; A61P35/02; A61P37/06	Methods for generating stably linked complexes composed of homodimers, homotetramers or dimers of dimers and uses
WO2011014811 A1 20110203	US20090230455P 20090731; US20100847788 20100730	IBIS BIOSCIENCES INC [US]; HAYDEN MARK A [US]	C12Q1/34; G01N33/48	Capture primers and capture sequence linked solid supports for molecular diagnostic tests
US2011076670 A1 20110331	US20100888388 20100922; US20090246329P 20090928	IBM [US]	G01N33/53; B01J19/00; C12Q1/70	Detection of analytes via nanoparticle-labeled substances with electromagnetic read-write heads

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011057153 A1 20110310	US20080060506 20080401; US20070846972 20070829	IBM [US]	H01B1/02; H01B1/00	Dna-based functionalization of single walled carbon nanotubes for directed assembly
CA2780493 A1 20110519	US20090260892P 20091113; WO2010US56331 20101111	ICX AGENTASE [US]	C12N11/08; A61K9/16; C07K17/02; C07K17/08; C12N11/02	Dynamic thermoresponsive nanoparticles for stabilization of enzymes at high temperatures
EP2332570 A1 20110615	EP20050787543 20050627; US20040582999P 20040625	ID BIOMEDICAL CORP QUEBEC [CA]; BRIGHAM & WOMENS HOSPITAL [US]	A61K39/00; A61K39/02; A61K39/095; A61K39/39; A61P37/02	Compositions and methods for treating neurological disorders
EP2311975 A1 20110420	EP20090172950 20091013	IEE SARL [LU]	C12Q1/68; G01N27/447; G01N33/487	Electrophoretic biomolecules separation device
AU2011200056 A1 20110127	AU20090200772 20090226; AU20110200056 20110107; AU20020340450 20021107; WO2002US36035 20021107; US20010346162P 20011107; US20020346519P 20020108	IMCOR PHARMACEUTICAL COMPANY	G01T1/161; A61B5/055; A61B6/00; A61B6/03; A61B8/00; A61K49/00; A61K49/04	Methods for vascular imaging using nanoparticulate contrast agents
WO2011076951 A1 20110630	US20090290046P 20091224; EP20090180753 20091224	IMEC [BE]; UNIV LEUVEN KATH [BE]; CHEN CHANG [BE]; VAN DORPE POL [BE]; CHENG KAI [BE]; STAKENBORG TIM [BE]; LAGAE LIESBET [BE]	G01N33/487; C12Q1/68	Plasmonic force manipulation in nanostructures

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011085939 A1 20110414	WO2009US53628 20090813; US20100892911 20100928	IMIPLEX LLC [US]	G01N33/00; B05D1/36; B05D3/02; B05D3/06; B05D3/10; C07K14/00; C07K14/195; C07K14/36; C07K19/00; C12N9/02; C12N9/04; C12N9/12; C12N9/88; C12N9/90; C12N9/96; G03F7/20	Node polypeptides for nanostructure assembly
US2011009327 A1 20110113	GB20070017516 20070907; WO2008GB03008 20080905	IMP INNOVATIONS LTD [GB]	A61K38/00; A61P19/04; C07K14/00	Bioactive nanocomposite material
US2011135729 A1 20110609	KR20080046591 20080520; WO2009KR02662 20090520	IND ACADEMIC COOP [KR]	A61K33/30; A61K9/10; A61K33/32; A61P35/00; A61P43/00	Methods for controlling heat generation of magnetic nanoparticles and heat generating nanomaterials
KR20110028019 A 20110317	KR20090085914 20090911	IND ACADEMIC COOP [KR]	A61L27/52; A61L27/54; B82B1/00; G01N33/50	Micropatterned nanofiber scaffold
KR20110027998 A 20110317	KR20090085879 20090911	IND ACADEMIC COOP [KR]	A61K9/16; A61K47/02; A61K47/18; A61P35/00	Nanocomposites, synthesis method thereof and pharmaceutical composition comprising the same
KR20110026140 A 20110315	KR20090083918 20090907	IND ACADEMIC COOP [KR]	A61K9/16; A61K33/06; A61K33/24; A61P43/00	Nanocomposites, synthesis method thereof and pharmaceutical composition comprising the same
US2011123439 A1 20110526	KR20080043665 20080509; WO2009KR02441 20090508	IND ACADEMIC COOP [KR]; KYUNGPOOK NAT UNIV IND ACAD [KR]	A61K51/12	Dual-modality pet/mri contrast agents
KR20110040483 A 20110420	KR20090097767 20091014	IND ACADEMIC COOP [KR]; SNU R&DB FOUNDATION [KR]; REPUBLIC KOREA MAN RURAL DEV [KR]	A61L27/36	Method of fabrication of silk nanofibrous membrane with a controllable biodegradability and an implant biomaterial prepared by using the method

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EP2285423 A1 20110223	WO2008CN00823 20080422	IND TECH RES INST [TW]	A61K49/10; C07F7/04; C08G65/48; C08G77/38	Biocompatible polymer and magnetic nanoparticle with biocompatibility
US2011008262 A1 20110113	US20100886083 20100920; TW20020138150 20021231; US20030747049 20031230	IND TECH RES INST [TW]	A61K31/683; A61K9/00; A61K9/127; A61K31/137; A61K31/7042; A61K31/7088; A61K47/48; A61K49/00	Drug delivery system targeting to estrogen receptor over-expressed cells
US2011003308 A1 20110106	US20090920404 20090318; US20080039515P 20080326; WO2009US37564 20090318	INDEVR INC [US]	C12Q1/68; C12P19/34	Nanoparticle-mediated signal amplification
WO2011004393 A2 20110113	IN2009CH01584 20090703	INDIAN INST OF CHEMICAL TECHNOLOGY [IN]; COUNCIL OF SCIENT AND INDUSTRIAL RES; YADAV JHILLU S [IN]; LAVANYA MADUGULA [IN]; DAS PRAGNA P [IN]; KRISHNAN ANITA [IN]; JAGANNADH BULUSU [IN]; PAL-BHADRA MANIKA [IN]; BHADRA UTPAL [IN]	C07D213/75	Para amino benzoic acid based nanotubes
WO2011024043 A1 20110303	IN2009CH02052 20090826; US20090639403 20091216	INDIAN INST OF TECHNOLOGY MADRAS [IN]; PRADEEP THALAPPIL [IN]; NAIR APPUKUTTAN SREEKUMARAN [IN]	B82B1/00; A61K33/38; B01J23/38; B01J23/48; C08G61/00	Organic polymer-inorganic fine particle antimicrobial composites and uses thereof
JP2011101806 A 20110526	US20050642449P 20050107	INFRAMAT CORP	A61L27/00; A61F2/30	Coated medical device

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011020894 A1 20110127	US20100841148 20100721; US20090227359P 20090721	INGRAHAM ROBERT [US]; MORT ANDREW [US]; WILKINS MARK [US]	C12N11/14	Method to facilitate recycling of biomass degrading enzymes
US2011020917 A1 20110127	US20080666173 20080620; US20070945807P 20070622; WO2008US67739 20080620	INNOVATIVE SURFACE TECHNOLOGIES INC [US]	C12M1/00; C08F8/00	Nanofibers containing latent reactive groups
WO2011057521 A1 20110519	CN20091211585 20091110	INST BASIC MED SCIENCES PLA [CN]; XU HAIYAN [CN]; KONG HUA [CN]; QI XIAOJIN [CN]; MENG JIE [CN]; GU NING [CN]; ZHANG YU [CN]	A61L27/18; A61L27/02; A61L27/12	Magnetic composite material and application thereof in regeneration and repair of bone tissue
US2011008772 A1 20110113	TW20090122884 20090707	INST BIOTECHNOLOGY AND MEDICINE INDUSTRY [TW]	C12Q1/68; C07H21/00	Probes for detecting mycobacterium tuberculosis and mycobacterium tuberculosis complex and method using the same
MD4106 B1 20110430	MD20100000134 20101203	INST DE CHIMIE AL ACADEMIEI DE STIINTE A MOLDOVEI [MD]; INST DE CHIMIE AL ACADEMIEI DE & SCEDIL TIIN & TCEDIL E A MOLDOVEI [MD]	A61K33/38; A61K9/10; A61K47/44; A61P17/14; A61P21/00; A61P31/04; B82B1/00	Process for the obtaining of an injection oil silver nanodispersion
CN101991851 A 20110330	CN20091091092 20090824	INST MATERIA MEDICA CAMS	A61K45/00; A61K49/22; A61P35/00; A61P35/02	Ultrasound microbubble agent for treating tumors by low-intensity focused ultrasound and preparation method thereof
RO126368 A2 20110630	RO20090001079 20091223	INST NATIONAL DE CERCETARE DEZVOLTARE PENTRU ING ELECTRICA ICPE C A [RO]	A61K9/14	Composite silver-metal oxide-type nanostructures with antimicrobial activity and process for obtaining the same

Publicação (número e data)	Prioridade	Depositante	CIP	Título
PL388897 A1 20110228	PL20090388897 20090827	INST NISKICH TEMPERATUR I BADAN STRUKTURALNYCH PAN [PL]	A61L27/12; C01B25/32	Process for the preparation of pure nanocrystalline hydroxyapatite $Ca_{10}(PO_4)_6(OH)_2$ and methods for adapting them for biomedical applications
CN102010872 A 20110413	CN20101261766 20100820	INST OCEANOLOGY CHINESE ACAD	C12N15/31; C07K14/405; C09K11/06; C12N15/63; H01F1/11	Method for preparing fluorescent magnetic nanoparticles with streptavidin combination function
CN101953778 A 20110126	CN20101299199 20100930	INST OF BIOMEDICAL ENGINEERING CHINESE ACADEMY OF MEDICAL SCIENCES	A61K9/00; A61K47/22; A61K47/34; A61P35/00	Folate-targeted hydrophobic medicine-loaded polymeric vesicle and preparation method and use thereof
WO2011020294 A1 20110224	CN20091166438 20090817	INST PHARM & TOXICOLOGY AMMS [CN]; LIU KELIANG [CN]; YAN HUSHENG [CN]; GUO MIAO [CN]; YAN YU [CN]	C08L53/00; A61K31/136; A61K31/407; A61K31/704; A61K47/34; A61P35/00; C08J3/20; C08K3/22; H01F1/11	Magnetic nanoparticles having novel core-shell structure and ph responsiveness, and use thereof
JP2011126877 A 20110630	BR2009PI06820 20091221	INST PRESBITERIANO MACKENZIE	A61K47/02; A61K9/22; A61K31/165; A61K31/522; A61K47/12; A61K47/36	Ceramic matrix for incorporating controlled release drug, tablet, method for obtaining the same ceramic matrix and method for producing tablet
RU2419455 C1 20110527	RU20100107568 20100303	INST PRIKLADNOJ NANOTEKHNOLOGII AOZT [RU]; FOND SAL VATORE MAUDZHERI KLINIKA TRUDA I REABILITATSII [IT]; SIB LEHBORETRIS LTD [MT]	A61L15/16; B82B1/00	Hygienic product with antimicrobial and antifungal properties

Publicação (número e data)	Prioridade	Depositante	CIP	Título
RU2416435 C1 20110420	RU20090146340 20091215	INST PRIKLADNOJ NANOTEKHNOLOGII AOZT [RU]; FOND SAL VATORE MAUDZHERI KLINIKA TRUDA I REABILITATSII [IT]; SIB LEHBORETRIS LTD [MT]	A61L31/10; A61L31/12; B82B3/00	Method of antiseptic surface preparation of product made of polymeric material
CN102091041 A 20110615	CN20091242397 20091210	INST PROCESS ENG CAS	A61K9/14; A61K31/4745; A61P35/00	Novel nanoparticle of camptothecin drug and preparation method thereof
SI23095 A 20110131	SI20090000191 20090710	INST STEFAN JOSEF [SI]; NANOTESLA INST LJUBLJANA [SI]	A61K47/00; A61K9/00	Method for synthesis of magnetic liposomes in electric field
US2011124710 A1 20110526	US201113005688 20110113; US20080069349 20080208; US20070824084 20070629; WO2006US13645 20060412; US20050670717P 20050412; US20070900858P 20070209	INTRADIGM CORP [US]	C07H21/02; A61K31/7105; A61P35/04; C12N5/09	Composition and methods of rna therapeutics for treatment of cancer and other neovascularization diseases
WO2011012121 A1 20110203	DE200910035643 20090729	INVITEK GES FUER BIOTECHNIK & BIODESIGN MBH [DE]; JOOS HANS [DE]	C12N15/10	Method for isolating high-purity rna by means of paramagnetic microparticles and nanoparticles



Publicação (número e data)	Prioridade	Depositante	CIP	Título
JP2011068628 A 20110407	JP20090238733 20090922	ISI KK	A61K33/24; A61K8/02; A61K8/06; A61K8/25; A61K8/26; A61K8/29; A61K9/08; A61K9/107; A61K9/16; A61K33/00; A61K33/08; A61P3/04; A61P11/00; A61P17/02; A61P17/04; A61P29/00; A61P31/12; A61P31/22; A61P37/08; A61P43/00; A61Q19/00	Living body defensive substance, complex thereof, and method for using them
WO2011012844 A1 20110203	GB20090013433 20090731	ISIS INNOVATION [GB]; TURBERFIELD ANDREW [GB]; SELMI DANIELE [GB]	G01N1/42; C12N15/10	Method of preparing polypeptides for cryo-transmission electron microscopy (cryo-em) and structure determination using dna lattices
WO2011012621 A1 20110203	GB20090013229 20090729	ITI SCOTLAND LTD [GB]; THOMSON DAVID [GB]; SALMON JONATHAN [GB]	G01N35/00; B01L3/00; C12Q1/68	Apparatus for bio-automation
KR20110025568 A 20110310	KR20090083692 20090904	IUCF HYU [KR]	A61L27/52; A61L27/50; A61L27/54	Preparation method of dna-carbon nanotube hydrogel fiber and dna-carbon nanotube hydrogel fiber thereof
WO2011019954 A2 20110217	US20090274141P 20090813; US20090276727P 20090916; US20090279463P 20091021; US20090284064P 20091212	IVRI YEHUDA [US]	A61M31/00; A61K9/127; A61M37/00; A61N1/05	Intracochlear drug delivery to the central nervous system

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011091897 A1 20110421	US20090995790 20090601; US20080131205P 20080605; WO2009US45841 20090601	JACKSON MERRILL [US]; HERMAN MICHAEL [US]; HOBEN GRACE [US]; SEBASTIAO NOEMI [US]; COCKAYNE SCOTT [US]; FERREA HEATHER [US]	G01N1/30; C12Q1/68	Compositions comprising nanomaterials and method for using such compositions for histochemical processes
CN101938935 A 20110105	WO2009US33184 20090205; US20080026905P 20080207; US20080115629 20080506; US20090359841 20090126	JAKE GRUBER	A61B3/00; A61F9/00; A61N5/06; G02C7/10	Retinal melatonin suppressor comprising a filter layer
CN101977509 A 20110216	WO2009EP50019 20090102; GB20080000081 20080104	JANSSEN PHARMACEUTICA NV	A01N59/16; A01N25/08; A01N25/34; A01N63/02; A61K9/51; C01G5/00	Silver nanoparticles with specific surface area and a method for producing them
WO2011074268 A1 20110623	JP20090285068 20091216	JAPAN HEALTH SCIENCE FOUND [JP]; FUKUOKA UNIVERSITY [JP]; NAKASHIMA MISAKO [JP]; TACHIBANA KATSURO [JP]	A61C5/02; A61C19/06	Ultrasonic drug delivery system for dental use and ultrasonic drug delivery method for dental use
US2011064800 A1 20110317	US20100888530 20100923; US20070568692 20070822; WO2006US13631 20060412; US20050670836P 20050412	JENKINS SCOTT A [US]; LIVERSIDGE GARY [US]	A61K9/48; A61K9/08; A61K9/10; A61K9/12; A61K9/14; A61K9/20; A61K33/24; A61K38/13; A61P37/02; A61P37/06	Nanoparticulate and controlled release compositions comprising cyclosporine

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN101985483 A 20110316	CN20101198151 20100611	JIANGSU INST OF NUCLEAR MEDICINE	C08F220/28; A61K51/06; A61P35/00; C08F8/20	Iodinated prth, and preparation method and application thereof
CN101953796 A 20110126	CN20101231337 20100720	JIANGSU SIMCERE PHARMACEUTICAL RES COMPANY LTD	A61K9/14; A61K38/17; A61K47/36; A61P35/00	Method for preparing recombinant human endostatin chitosan nanoparticles for injection
CN101954065 A 20110126	CN20091263041 20091215	JIANGSU SIMCERE PHARMACEUTICAL RES COMPANY LTD	A61K38/17; A61K9/10; A61K9/19; A61K47/34; A61K47/36; A61P35/00	Recombinant human endostatin nanoparticle composition for injection and preparation method thereof
CN102000016 A 20110406	CN20101556085 20101123	JIANONG BIOCHEMICAL TECHNOLOGY CHINA CO LTD	A61K8/99; A61K8/97; A61Q19/02	Dispersing powder compound extract, preparation method and application thereof
CN102018859 A 20110420	CN20101587208 20101214	JIANSHEG WU	A61K36/8945; A61K9/20; A61K35/32; A61K35/56; A61P13/12	Method for preparing traditional chinese medicinal composition
CN102021106 A 20110420	CN20091272173 20090918	JINGPAI CO LTD	C12G3/04; A61K36/9064; A61P1/14	Traditional chinese medicine health wine and production technology thereof
CN102018819 A 20110420	CN20091272172 20090918	JINGPAI CO LTD	A61K36/804	Radix rehmanniae extract membrane treatment process
CN101961371 A 20110202	CN20101512736 20101020	JINLONG LIU	A61K36/424; A61P1/04; A61P1/16; A61P3/10; A61P9/00; A61P29/00; A61P35/00; A61P37/04; A61P39/06	Method for extracting and separating ginsenoside, flavone and polysaccharide from sweet gynostemma pentaphylla

Publicação (número e data)	Prioridade	Depositante	CIP	Título
CN102078548 A 20110601	CN20101189671 20100602	JINXUE CHENG	A61K36/904; A61K9/00; A61K31/4402; A61K33/00; A61K33/04; A61K33/06; A61K33/08; A61K33/24; A61K33/26; A61K33/28; A61K33/30; A61K33/38; A61K35/58; A61K35/64; A61K36/232; A61K36/72; A61K36/739; A61K36/758; A61K36/8969; A61K36/898; A61N5/0	Nano elemental chinese medicinal far-infrared application agent for preventing and treating fungal infection of hand
CN102091016 A 20110615	CN20101276057 20100908	JINXUE CHENG	A61K8/98; A61K8/19; A61K8/29; A61K8/67; A61K8/92; A61K8/97; A61N1/44; A61N5/06; A61P31/04; A61Q19/00; A61Q19/10	Nano snake element traditional chinese medicinal anion far infrared functional bath fluid
CN102091011 A 20110615	CN20101276002 20100908	JINXUE CHENG	A61K8/98; A61K8/29; A61K8/97; A61Q19/00	Nano segeag snake oil negative-ion far-infrared cracking and freezing protection cream
CN102091244 A 20110615	CN20101275997 20100908	JINXUE CHENG	A61K36/899; A61K9/48; A61K36/074; A61K36/8905; A61K36/8945; A61K36/8994; A61K36/9064; A61N1/44; A61N5/06; A61P3/06	Nanometer anion far infrared trace element hypolipidemic capsules

Publicação (número e data)	Prioridade	Depositante	CIP	Título
CN102091208 A 20110615	CN20101275982 20100908	JINXUE CHENG	A61K36/8905; A23F3/14; A23F3/34; A23L1/29; A23L2/38; A61K9/16; A61K33/08; A61K33/24; A61K33/26; A61K33/30; A61K33/38; A61K35/24; A61K35/32; A61K35/58; A61K35/64; A61K36/074; A61K36/67; A61K36/8968; A61K36/8969; A61K36/899; A61K36/8994; A6	Nanometer selenium-germanium snake-bee element traditional chinese medicinal far-infrared negative ion anti-electromagnetic wave body- strengthening dissolved medicine
CN102091009 A 20110615	CN20101275926 20100908	JINXUE CHENG	A61K8/98; A61K8/29; A61K8/97; A61Q5/02	Nano element traditional chinese medicine snake skin tissue anion far infrared flavored liquid for external use
EP2271588 A2 20110112	WO2009EP54515 20090416; WO2008EP54643 20080417; EP20090753742 20090416	JISBREY S A [UY]; AQUARIUS INVESTHOLDING SARL [LU]	C01B33/143; A23K1/175; A23L1/304; A61K33/00; C01B33/12; C05D9/00	Suspension containing hydronium stabilized colloidal silicic acid nanoparticles, formulation obtained from the said diluted suspension, powder obtained from the said dehydrated suspension, compositions obtained from the said powder, preparation and use
US2011159566 A1 20110630	US200913054364 20090715; US20080081303P 20080716; WO2009US50714 20090715	JOSEPHSON LEE [US]; GARANGER ELISABETH [FR]	C12N9/96; C07K1/107	Methods and reagents for preparing multifunctional probes

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011039303 A1 20110217	US20080526015 20080205; US20070899630P 20070205; WO2008US53099 20080205	JOVANOVIH STEVAN BOGDAN [US]; BLAGA IULIU IOAN [US]; BORONKAY ALLEN [US]; HORN JOANNE [US]; VAN NGUYEN MICHAEL [US]; NIELSEN WILLIAM D [US]; VANGBO MATTIAS [US]	C12P19/34; B01L3/00; C07H21/04; C07K14/00	Microfluidic and nanofluidic devices, systems, and applications
CA2774669 A1 20110324	KR20090089079 20090921; WO2010KR06459 20100920	JW PHARMACEUTICAL CORP [KR]; BIO SYNECTICS INC [KR]	A61K9/16; A61K9/20; A61K33/24; A61P35/00	Oxaliplatin nanoparticles and method for preparing same
KR20110003800 A 20110113	KR20090061248 20090706	KANGNUNG WONJU NAT UNIVERSITY INDUSTRY ACADEMY COOPERATION GROUP [KR]	A61K31/717; A61L15/42; A61L27/54	Method of preparing bioactive cellulose membrane from corneum of sea squirt, and bioactive cellulose membrane prepared by the same
KR20110055492 A 20110525	KR20110016604 20110224	KANGNUNG WONJU NAT UNIVERSITY INDUSTRY ACADEMY COOPERATION GROUP [KR]; AMOGREENTECH CO LTD [KR]	G01N33/53; B82B3/00; C12M1/42	Method for detecting analytes
JP2011116713 A 20110616	JP20090276726 20091204	KAO CORP	A01N25/00; A01N25/04; A01N31/14; A01P3/00; A61K8/04; A61K8/11; A61K8/34; A61K8/36; A61K8/46; A61K9/10; A61K9/51; A61K47/02; A61K47/12; A61K47/20; A61Q11/00	Method of manufacturing liposolubility drug internal capsule nanoparticle

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011071596 A1 20110324	US20100842029 20100722; AU20070906334 20071119; AU20090903424 20090722; WO2008AU01718 20081119	KARA SULE [AU]; SVEHLA MARTIN [AU]; SMITH JAMES G E [AU]; CAPCELEA EDMOND D [AU]	A61F11/04; A61N1/36; H01R43/00	Electrode contacts for a medical implant
EP2308969 A1 20110413	DE200910043666 20090929	KARLSRUHER INST TECHNOLOGIE [DE]	C12N13/00; C12N1/00	Method for accelerating cell proliferation
US2011027851 A1 20110203	US20100792492 20100602; US20090183453P 20090602	KIEL JOHNATHAN L [US]; TIJERINA AMANDA [US]; HOLWITT ERIC A [US]; PARKER JILL [US]; SLOAN MARK A [US]; WOITASKE MELANIE [US]; FAN MAOMIAN [US]	C12P1/04; C07H21/04; C12N15/63; C12P1/00	Compositions, methods and uses for biosynthetic plasmid integrated capture elements
US2011144163 A1 20110616	US20080373135 20081110; US20070986527P 20071108; US20080054504P 20080520; WO2008US82956 20081110	KINGSTON DAVID G I [US]; CAO SHUGENG [US]; ZHAO JIELU [US]; HODGE MATHIS [US]; PACIOTTI GIULIO F [US]; HUHTA MARJA S [US]	A61K31/4427; A61K31/337; A61K31/385; A61P35/00; C07D305/14; C07D405/12; C07D409/12; C07F1/12; C07K14/525; C07K16/00	Thiolated paclitaxels for reaction with gold nanoparticles as drug delivery agents
KR20110055126 A 20110525	KR20090112019 20091119	KNU INDUSTRY COOPERATION FOUND [KR]	A61K8/65; A61K8/98; A61Q19/00	The preparing method of starfish nanoparticle using pectin, and the product
KR20110012817 A 20110209	KR20090070692 20090731	KNU INDUSTRY COOPERATION FOUND [KR]	A61K47/42; A61K47/34; A61K48/00; A61P35/00	Nano scaffold for gene delivery and a method for preparing the same

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011105889 A1 20110505	JP20080185857 20080717; WO2009JP53002 20090220	KONICA MINOLTA MED & GRAPHIC [JP]	A61B5/055; A61B6/00; B32B1/00	Nanoparticle labeling and system using nanoparticle labeling
CN101945614 A 20110112	WO2009IB50407 20090202; US20080028530P 20080214	KONINKL PHILIPS ELECTRONICS NV [NL]	A61B6/03; G01N23/04	Multiple-source imaging system with flat-panel detector
WO2011013038 A2 20110203	EP20090166955 20090731	KONINKL PHILIPS ELECTRONICS NV [NL]; YILDIRIM MUHAMMED [NL]; GRUELL HOLGER [NL]; LAMERICHES RUDOLF MATHIAS JOHANNES NICOLAAS [NL]	A61K49/10	Perfluoro compounds for use in imaging
KR20110065232 A 20110615	KR20090122116 20091209	KOREA ADVANCED INST SCI & TECH [KR]	G01N33/52; B82B3/00; C12Q1/26	Method for detecting analytes using fluorescence quenching induced by gold nanoparticle enlargement
KR20110065231 A 20110615	KR20090122115 20091209	KOREA ADVANCED INST SCI & TECH [KR]	C12Q1/26; B82B3/00; C12Q1/54; G01N33/66	Method for detecting biomolecules using alginate matrix encapsulating gold nanoparticle and biomolecule oxidase
US2011124131 A1 20110526	KR20060045455 20060522; WO2007KR01865 20070417	KOREA ADVANCED INST SCI & TECH [KR]	G01N33/553; B05D7/14; B32B5/16; C12N1/00; C12N1/15; C12N1/16; C12N1/21; C12P3/00	Method for preparing metal nanoparticle using metal binding protein
KR20110036204 A 20110407	KR20090093741 20091001	KOREA ADVANCED INST SCI & TECH [KR]	C12Q1/68; C01B31/02	A method for manufacturing graphene, graphene manufactured by the same, a method for analyzing dna and a method for manufacturing grapheme-nanoparticle composite using the same
KR20110033575 A 20110331	KR20090091123 20090925	KOREA ADVANCED INST SCI & TECH [KR]	C12N11/14; G01N33/552	Mesoporous silica conjugate integrating magnetic nano particles having peroxidase activity and enzymes and method for manufacturing the same



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KR20110027366 A 20110316	KR20090085431 20090910	KOREA ADVANCED INST SCI & TECH [KR]	A61L27/52; A61F2/02; A61L27/04; A61L27/40	Manufacturing method for surface enhanced raman scattering patch with biocompatibility using hydrogel and surface enhanced raman scattering method in using the patch
KR20110007844 A 20110125	KR20090065489 20090717	KOREA ADVANCED INST SCI & TECH [KR]	C12Q1/68; B82B3/00	Method for detecting nucleic acid using color shift of gold nanoparticles
KR20110018702 A 20110224	KR20090076300 20090818	KOREA ADVANCED INST SCI & TECH [KR]; AVELLINO CO LTD [KR]	C12Q1/68	Multi-spot metal-capped nanostructure array nucleic acid chip for diagnosis of corneal dystrophy and preparing method thereof
KR20110062825 A 20110610	KR20090119665 20091204	KOREA ELECTRONICS TELECOMM [KR]	B82B1/00; C12Q1/04	Gold-silver alloy nano particles chip, method for preparing the chip and method for detecting microorganism using the same
KR20110062684 A 20110610	KR20090119475 20091204	KOREA ELECTRONICS TELECOMM [KR]	A61N1/05; A61B5/0478	The implantable electrode tip and manufacturing method thereof
KR20110059291 A 20110602	KR20090115976 20091127	KOREA ELECTRONICS TELECOMM [KR]	G01N21/27; C12Q1/68; G01N33/483	Photonic biosensor, photonic biosensor array, and method for detecting biomaterials using them
US2011101237 A1 20110505	KR20090105089 20091102; KR20100026419 20100324	KOREA ELECTRONICS TELECOMM [KR]	H01J27/02; A61N5/00	Carbon ion generating device and tumor treatment apparatus using the same
KR20110043344 A 20110427	KR20090100417 20091021	KOREA INST SCI & TECH [KR]	C08G61/12; A61K49/00; C08J9/16	Micro/nanoparticles capable of generating and bearing gas, and preparation method and use thereof
KR20110012091 A 20110209	KR20090069648 20090729	KOREA MACH & MATERIALS INST [KR]	G01N33/48; C12Q1/68; G01N33/53; G01N35/00	Bio sensor

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WO2011071343 A2 20110616	KR20090123017 20091211	KOREA RES INST CHEM TECH [KR]; SNU R&DB FOUNDATION [KR]; SUH YUNG DOUG [KR]; NAM JWA MIN [KR]; LIM DONG KWON [KR]; JEON KI SEOK [KR]	B82B1/00; B82B3/00; C12Q1/68; G01N33/53	Heterodimer core-shell nanoparticle in which raman-active molecules are located at a binding portion of a nanoparticle heterodimer, use thereof, and method for preparing same
KR20110058711 A 20110601	KR20090114138 20091124	KOREA RES INST OF BIOSCIENCE [KR]	G01N33/569; B82B3/00; C12Q1/04	Method of rapid detection of microorganisms using nanoparticles
KR20110033170 A 20110330	KR20110023383 20110316	KOREA RES INST OF BIOSCIENCE [KR]	G01N33/532; A61K49/00; B82B3/00; G01N33/58	Labeling and imaging of cells using multifunctional perfluorocarbon nano emulsions
KR20110033525 A 20110331	KR20090091066 20090925	KOREA RES INST OF BIOSCIENCE [KR]	G01N33/573; C08B37/08; C12M1/40; C12N15/55	Method for measuring a polysaccharide concentration and activity of polysaccharide degrading enzyme using a gold nanoparticle
US2011112232 A1 20110512	US200913000765 20090624; US20080075258P 20080624; WO2009US48467 20090624	KRISHNA VIJAY [US]; MOUDGIL BRIJ M [US]; KOOPMAN BENJAMIN L [US]	C08K3/18; A61L2/08; A61L2/10; B01J31/26; B01J31/38; C07C39/14	Enhancement of electron scavenging by water- soluble fullerenes
US2011052672 A1 20110303	US20090863163 20090116; US20080011266P 20080116; WO2009US00315 20090116	KRISHNAN SUNIL [US]; DIAGARADJANE PARMESWARAN [US]; SCHWARTZ JON A [US]; WANG JAMES CHUNJAY [US]	A61K9/127; A61K33/24; A61K35/74; A61P35/00	Treatments of disease or disorders using nanoparticles for focused hyperthermia to increase therapy efficacy
US2011091389 A1 20110421	US20090580940 20091016	KRUGLICK EZEKIEL [US]	A61K49/04; A61K49/00; B22F1/02; B32B15/02; B32B38/00	Particles with radiation activated adhesive
KR101007925B B1 20110114	KR20090094940 20091007	KUN IL PHARM CO LTD [KR]	A61K9/16; A61K9/127; A61K31/337; A61K31/357	Lipidic nano particles for oral administration and process for preparing the same

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KR20110014917 A 20110214	KR20090072523 20090806	KYUNGPOOK NAT UNIV IND ACAD [KR]	C07C323/58; A61K49/04; A61K49/06; C07F5/00	Dtpa derivatives, metal compelx, mr/ct bimodal contrast agents and preparing method thereof
TW201105366 A 20110216	US20090176057P 20090506	LAB SKIN CARE INC [US]	A61K9/14; A61K9/16; A61K47/02	Dermal delivery compositions comprising active agent-calcium phosphate particle complexes and methods of using the same
WO2011060099 A2 20110519	US20090259935P 20091110	LAB SKIN CARE INC [US]; MANSOURI ZAHRA [US]; CANELIDE RODICA- TATIANA [US]; THOMAS DOUGLAS [US]; OGAWA TETSURO [US]	A61K8/24; A61K8/19; A61K9/107; A61K9/113; A61Q17/04	Sunscreen compositions comprising uniform, rigid, spherical, nanoporous calcium phosphate particles, and methods of making and using the same
US2011130325 A1 20110602	US201113019385 20110202; US20080170127 20080709; US20070958830P 20070709	LABHASETWAR VINOD [US]	A61K38/00; A61P9/00; A61P29/00	Apoptosis-modulating protein therapy for proliferative disorders and nanoparticles containing the same
NZ555287 A 20110225	US20040631755P 20041129; WO2005CA01790 20051128	LABOPHARM EUROPE LTD; LABOPHARM BARBADOS LTD; LABOPHARM INC	A61K31/47; A61K9/10; A61K9/14; A61K31/05; A61K31/08; A61K47/30	Solid formulations of liquid biologically active agents such as propofol

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JP2011037899 A 20110224	US20020101572 20020318	LABOPHARM INC; LABOPHARM EUROPE LTD; LABOPHARM BARBADOS LTD	A61K9/10; A61K31/337; A61K9/107; A61K9/19; A61K31/192; A61K31/198; A61K31/216; A61K31/235; A61K31/405; A61K31/439; A61K31/475; A61K31/496; A61K31/704; A61K31/7048; A61K38/00; A61K47/02; A61K47/10; A61K47/18; A61K47/22; A61K47/26; A61K4	Preparation of sterile stabilized nanodispersion
AU2009329035 A1 20110623	IN2008CH03007 20081201; WO2009IN00689 20091130	LAILA PHARMACEUTICALS PVT LTD	A61K31/12	Topical formulation(s) for the treatment of inflammation, skin and mucosal disorders and other diseases thereof
KR20110060526 A 20110608	KR20090117131 20091130	LEE DONG GUL [KR]	B01D39/00; A61L9/00; B01D46/00	Filter for formaldehyde and manufacturing method thereof
WO2011049338 A2 20110428	KR20090100788 20091022	LEE JONG DOO [KR]	A61K8/19; A61K35/02; A61P19/02; A61Q19/00	Natural nanocream, and method for producing same
KR20110062679 A 20110610	KR20090119469 20091204	LEE YONG KWON [KR]	A61K8/19; A61K8/96; A61Q5/10	Hair-dye composition having nano-silver and scora particle and hair-dye method using the same
US2011033513 A1 20110210	US20100909152 20101021; US20060611501 20061215	LEI YABIN [US]; POPPELWELL LEWIS MICHAEL [US]; JOYCE CAROL [US]	A61K8/02; A61K8/81; A61K8/92; A61Q5/02; A61Q5/12; A61Q17/04; B01J13/18; C11D3/60	Encapsulated active material containing nanoscaled material

Publicação (número e data)	Prioridade	Depositante	CIP	Título
WO2011012213 A2 20110203	DE200910035795 20090731	LEIBNIZ INST NEUE MATERIALIEN [DE]; VEITH MICHAEL [DE]; AKTAS ORAL CENK [DE]; OBERRINGER MARTIN [DE]; METZGER WOLFGANG [DE]	A61L27/30	Structured surfaces for implants
EP2335686 A1 20110622	EP20090180127 20091221	LEK PHARMACEUTICALS [SI]	A61K9/107; A61K9/00; A61K31/343; A61K47/10; A61K47/26	An aqueous intravenous nanosuspension with reduced adverse effects
WO2011076208 A2 20110630	WO2009DK00267 20091222; US20100293091P 20100107	LEO PHARMA AS [DK]; PETERSSON KARSTEN [DK]	A61K9/14	Calcipotriol monohydrate nanocrystals
US2011104287 A1 20110505	US20080738781 20081020; US20070980842P 20071018; WO2008US80495 20081020	LEVITE MIA [IL]; DOMB AVI [IL]	A61K9/14; A61K31/395; A61K31/55; A61P35/00; A61P37/02; C07D487/00	Fenoldopam formulations and pro-drug derivatives
US2011147317 A1 20110623	US200913060194 20090824; US20080091314P 20080822; WO2009US54785 20090824	LI QI [US]; LI YIN WAI [US]; WU PINGGUI [US]; XIE RONGCAI [CN]; SHANG JIAN KU [US]	A61L2/08; A01N59/16; A01P1/00; B01J19/12; B01J27/24; B01J37/02; C02F1/30	Catalytic compositions, composition production methods, and aqueous solution treatment methods

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US2011136139 A1 20110609	US20100905950 20101015; US20030735608 20031212; US20010972744 20011005; US20010312558P 20010815; US20000238677P 20001006	LIFE TECHNOLOGIES CORP [US]	G01N33/84; C12N5/00; C12N5/06; C12Q1/04; G01N33/50; G01N33/566; G01N33/58	Method for enhancing transport of semiconductor nanocrystals across biological membranes
US2011101240 A1 20110505	US20100844816 20100727; US20040884528 20040702; US20030417303 20030416; US20010755407 20010105; US19990436145 19991109; US19990372729 19990811; US19980107829P 19981110	LIFE TECHNOLOGIES CORP [US]	G01N21/64; A61K9/16; B05D1/32; B32B3/30; B41M3/14; B44F1/12; C09D5/22; C09D11/00; C09K11/00; C09K11/02; C09K11/06; C09K11/08; G07D7/12; G07F7/08	Fluorescent ink compositions comprising functionalized fluorescent nanocrystals

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US2011003343 A1 20110106	US20100748355 20100326; US20090164324P 20090327; US20090184770P 20090605; US20090242771P 20090915; US20090245457P 20090924; US20090263974P 20091124; US20090289388P 20091222; US20100293618P 20100108; US20100293616P 20100108; US20100299919P 20100129; US2010	LIFE TECHNOLOGIES CORP [US]	C12P19/34; C12N9/10	Conjugates of biomolecules to nanoparticles
CA2735344 A1 20110416	IN2009KO01258 20091016; WO2010IN00125 20100304	LIFECARE INNOVATIONS PVT LTD [IN]	A61K47/28; A61K9/10; A61K9/107; A61P31/10	A novel formulation for treating fungal infections
TW201100169 A 20110101	TW20090121981 20090630	LIN CHING-HSING [TW]; CHANG CHEN-YU [TW]; CHANG YU-JIE [TW]; LEE YAO-CHUAN [TW]; LEE JYH-WEI [TW]	B01J21/06; A61L9/20; B01J19/08; B01J35/02; B01J37/02	Photocatalyst reactor and method for making the photocatalyst and mediators coated films

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US2011135571 A1 20110609	US20090918748 20090223; US20080137565P 20080731; US20080030746P 20080222; WO2009US34867 20090223	LIN WENBIN [US]; RIETER WILLIAM J [US]	A61K9/14; A61B5/055; A61K9/127; A61K31/79; A61K49/00; A61K51/00; A61P35/00; B32B5/00; C08F26/10; C12N5/00	Hybrid nanoparticles as anti-cancer therapeutic agents and dual therapeutic/imaging contrast agents
US2011118364 A1 20110519	BR2008PI02233 20080630; WO2009BR00192 20090630	LINS DANTAS FABIO MOYSES [BR]	A61K47/32; A23D7/00; A23D7/04; A61K8/64; A61K8/73; A61K8/81; A61K8/84; A61K8/85; A61K47/30; A61K47/36; A61K47/42; B29B9/12; C07K2/00; C07K14/00; C08B31/00; C08B37/04; C08B37/08; C08F122/32; C08G63/06; C08G63/08	Pharmaceutical compositions of nanoparticles containing active ingredients
US2011097723 A1 20110428	US20100924072 20100920; US20090276954P 20090919	LIU QUN [US]; WANG TIAN XIN [US]	C12Q1/68; G01N33/53; G01N33/68	Methods and reagents for analyte detection
NZ569898 A 20110630	DE200510062440 20051227; WO2006EP12524 20061222	LOHMANN THERAPIE SYST LTS	A61K9/16	Protein-based delivery system for overcoming resistance in tumour cells
NZ571354 A 20110225	DE200610013531 20060324; WO2007EP02198 20070313	LOHMANN THERAPIE SYST LTS	A61K9/51; A61K31/704	Poly lactide nanoparticles



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US2011056492 A1 20110310	US20090866869 20090218; US20080029528P 20080218; WO2009US34360 20090218	LONGEST PHILIP WORTH [US]; XI JINXIANG [US]; HINDLE MICHAEL [US]	A61M16/10; A61K9/12; A61K9/14; A61P11/00	Effective delivery of nanoparticles and micrometer-sized pharmaceutical aerosols to the lung through enhanced condensational growth
WO2011079317 A2 20110630	US20090290053P 20091224	LOS ANGELES CHILDRENS HOSPITAL [US]; CHANG ANDY Y [US]; WILLIAMS TRAVIS J [US]; BOZ EMINE [US]	A61K49/18	Ultrasound-activated nanoparticles as imaging agents and drug delivery vehicles
JP2011084541 A 20110428	JP20090240796 20091019	LTT BIO PHARMA CO LTD [JP]	A61K9/14; A61K45/00; A61K47/02; A61K47/18; A61K47/22; A61K47/24; A61K47/34	Low molecular drug-containing nanoparticle
CN101947201 A 20110119	CN20101279267 20100908	LUOYANG HUIZHONG ANIMAL MEDICINE CO LTD	A61K9/10; A61K9/14; A61K9/19; A61K31/165; A61K31/4184; A61K31/43; A61K31/496; A61K31/498; A61K31/53; A61K31/635; A61K31/7048; A61P11/06; A61P31/04	Veterinary nanometer suspension, preparation method thereof and application thereof
CN102008450 A 20110413	CN20101582577 20101210	LUWEI ZHAO	A61K9/16; A61J3/00; A61K47/48	Drug-cyclodextrin nanoparticles and preparation method thereof
US2011021592 A1 20110127	US20070441308 20070916; US20060844365P 20060914; WO2007IL01136 20070916	MAGDASSI SHLOMO [IL]; NETIVI HADAS [IL]; GOSHEN KATRIN [IL]	A61K31/415; A61K31/351; C07D231/12; C07D309/30	Organic nanoparticles obtained from microemulsions by solvent evaporation

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN101938993 A 20110105	WO2009DE00196 20090211; DE200810008522 20080211; US20080071084P 20080411	MAGFORCE NANOTECHNOLOGIES AG	A61K9/00; A61F13/00; A61K9/06; A61K9/50; A61K9/51; A61K9/70; A61K31/00; A61K47/48; A61L31/00	Implantable products comprising nanoparticles
CN102083497 A 20110601	WO2009EP01595 20090306; EP20080005951 20080328	MAGFORCE NANOTECHNOLOGIES AG; MT MED TECH ENGINEERING GMBH	A61N2/00	Alternating magnetic field application device for heating magnetic or magnetizable substances in biological tissue
WO2011069525 A1 20110616	WO2009EP08791 20091209	MAGNAMEDICS GMBH [DE]; BORM PAUL J A [NL]; RUSU VIOREL [NL]	A61B19/00	Nanoparticle-based marking system for visualizing medical devices in different medical imaging modalities
WO2011069523 A1 20110616	WO2009EP08789 20091209	MAGNAMEDICS GMBH [DE]; BORM PAUL J A [NL]; RUSU VIOREL [NL]	A61K49/04; A61K49/18	Composition for labeling and visualizing grafts in magnetic mri and x-ray fluroscopy, and use thereof
CA2771783 A1 20110224	US20090235797P 20090821; WO2010US46158 20100820	MALSHE AJAY P [US]; JIANG WENPING [US]	A61L27/32	Nanostructured hydroxyapatite coating for dental and orthopedic implants
US2011008453 A1 20110113	US20100777920 20100511; US20070998362 20071128; US20090215873P 20090511; US20060861616P 20061128	MARINUS PHARMACEUTICALS [US]	A61K9/14; A61K31/58; A61P11/00; A61P17/04; A61P27/02	Stable corticosteroid nanoparticulate formulations and methods for the making and use thereof
US2011117597 A1 20110519	US20090637743 20091214; US20090261733P 20091116	MASSACHUSETTS INST TECHNOLOGY [US]	C12P21/00	Enhancement of in vitro translation by nanoparticle conjugates

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US2011045523 A1 20110224	US20100860752 20100820; US20090235921P 20090821	MASSACHUSETTS INST TECHNOLOGY [US]	C12Q1/02; C12M1/00; G01N27/00; G01N27/416; G01N33/00; G01N33/48	Optical nanosensors comprising photoluminescent nanostructures
EP2283851 A2 20110216	EP20060751519 20060425; US20050674612P 20050425; US20060758827P 20060113	MASSACHUSETTS INST TECHNOLOGY [US]	A61K38/10; A61P7/04	Compositions and methods for promoting hemostasis and other physiological activities
US2011065807 A1 20110317	US20100762348 20100418; US20090212989P 20090418	MASSACHUSETTS INST TECHNOLOGY [US]; BRIGHAM & WOMENS HOSPITAL [US]	A61K47/30; G01N21/76	Ph sensitive biodegradable polymeric particles for drug delivery
CA2780137 A1 20110407	US20090247535P 20090930; WO2010US50846 20100930	MASSACHUSETTS INST TECHNOLOGY [US]; HARVARD COLLEGE [US]; CHILDRENS MEDICAL CENTER [US]	A61N1/30; A61N5/10	Phototriggered nanoparticles for cell and tissue targeting
JP2011085590 A 20110428	US20000190766P 20000320	MASSACHUSETTS INST TECHNOLOGY [US]; NAVAL RES LAB	G01N33/531; G01N33/566; C01B19/04; G01N33/53; G01N33/543; G01N33/551; G01N33/58	Inorganic particle conjugate
US2011111007 A1 20110512	US20100772523 20100503; US20060412665 20060427; US20050716630P 20050913; US20050676043P 20050429	MCGINNIS JAMES F [US]; ZHOU XIAOHONG [US]; WONG LILY L [US]; SEAL SUDIPTA [US]	A61F2/14; A61K9/14; A61K33/24; A61P1/00; A61P17/00; A61P19/02; A61P27/02; A61P27/06; A61P29/00	Inhibition of retinal cell degeneration or neovascularization by cerium oxide nanoparticles

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US2011015266 A1 20110120	DE200810015366 20080320; WO2009EP01355 20090226	MECK PATENT GES	A61K47/26; A61K31/216	Lyophilized nanoemulsion
WO2011061541 A1 20110526	GB20090020304 20091120	MEDICAL RES COUNCIL [GB]; IMP INNOVATIONS LTD [GB]; KAMALY NAZILA [GB]; KALBER TAMMY LOUISE [GB]; KENNY GAVIN DAVID [GB]; THANOU MAYA [GB]; MILLER ANDREW DAVID [GB]; BELL JIMMY [GB]	A61K49/18	Liposome nanoparticles for tumor magnetic resonance imaging
AU2009325888 A1 20110630	EP20080171263 20081210; WO2009IB55633 20091209	MEDIPOLE SA	A61K9/50; A61K9/16; A61K9/51; A61K39/39	Compound, medicament, vaccine composition and nanocapsules
KR20110053318 A 20110520	KR20070087228 20070829	MEDIPOST CO LTD [KR]	C12Q1/66; A61K35/14; C12N5/074; G01N33/574	Composition for the diagnosis, prevention or treatment of diseases related to cells expressing il-8 or gro-[alpha], comprising ucb-mscs
CN102105191 A 20110622	WO2009US43192 20090507; US20080051270P 20080507	MEDIVAS LLC	A61M37/00; C08F283/04	Biodegradable metal-chelating polymers and vaccines
WO2011056226 A1 20110512	US20090258332P 20091105	MERCIA PHARMA LLC; BLACKBURN PETER [US]; GRIMES STEPHEN [US]	A61K39/145	Adjuvanted nanoparticulate influenza vaccine
CA2780773 A1 20110519	EP20090014206 20091113; WO2010EP06443 20101021	MERCK PATENT GMBH [DE]	A61K47/48; A61P35/00	Anti integrin antibodies linked to nanoparticles loaded with chemotherapeutic agents

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MX2011000401 A 20110315	DE200810033175 20080715; WO2009EP05078 20090713	MERCK PATENT GMBH [DE]	A61K9/16	Silicon dioxide nanoparticles and their use for vaccination.
EP2326331 A1 20110601	WO2009US53336 20090811; US20080189295P 20080818	MERCK SHARP & DOHME [US]	A61K31/56	Novel lipid nanoparticles and novel components for delivery of nucleic acids
EP2273978 A1 20110119	WO2009US41083 20090420; US20080125211P 20080423	MERCK SHARP & DOHME [US]	A61K9/14	Nanoparticle formation via rapid precipitation
WO2011022460 A1 20110224	US20090235476P 20090820; US20100345754P 20100518	MERCK SHARP & DOHME [US]; CAMERON MARK [US]; DAVIS JENNIFER R [US]; GEISER ANDREA R [US]; STANTON MATTHEW G [US]; TELYATNIKOV VLADISLAV V [US]; TIAN LU [US]; WANG WEIMIN [US]	C07C229/00; A61K9/127	Novel cationic lipids with various head groups for oligonucleotide delivery
WO2011043913 A2 20110414	US20090249807P 20091008	MERCK SHARP & DOHME [US]; CAMERON MARK [US]; DAVIS JENNIFER R [US]; WANG WEIMIN [US]	A61K48/00; C07J43/00	Novel cationic lipids with short lipid chains for oligonucleotide delivery
EP2318051 A2 20110511	WO2009US04060 20090714; US20080080479P 20080714	METTERS ANDREW [US]; WANG QIAN [US]; LI SIQI [US]; HU HUI [US]	A61K49/00; A61K9/16; A61K33/44; A61P43/00; G01N33/533	In vitro diagnostic markers comprising carbon nanoparticles and kits

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011087262 A1 20110414	US20100973705 20101220; US20080968610 20080102; US20060327060 20060106; US20020046452 20020114	MICRUS DESIGN TECHNOLOGY INC [US]	A61M29/02; A61L29/12; C08K7/24	Method for making a reinforced balloon with composite materials
EP2330208 A1 20110608	EP20050746540 20050524; US20040573805P 20040524; GB20040011537 20040524	MIDATECH LTD [GB]	C12N15/88; A61K47/48; A61K49/00; A61K49/18; A61K51/12; C12N15/11; C12N15/113; G01N33/58	Nanoparticles comprising rna ligands
CN101970026 A 20110209	WO2008US80540 20081020; US20070981319P 20071019	MIV THERAPEUTICS INC [CA]	A61L31/08; A61L31/16	Method of coating medical devices
WO2011011065 A1 20110127	US20100343558P 20100430; US20090271961P 20090729; US20090271498P 20090722	MOAZED KAMBIZ THOMAS [US]	A61F2/00	Method and system for effecting changes in pigmented tissue
US2011052710 A1 20110303	US20100943588 20101110; US20070725562 20070320; US20060783858P 20060321	MOREHOUSE SCHOOL OF MEDICINE [US]	A61K9/50; A61K31/337; A61K33/24; A61P35/04	Novel nanoparticles for delivery of active agents

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011104265 A1 20110505	US20100912902 20101027; US20090279961P 20091029	MOUSA SHAKER A [US]; QARI MOHAMMED H [SA]; ARDAWI MOHAMMED S [SA]	A61K9/48; A61K31/351; A61K31/4045; A61K31/56; A61K38/11; A61K38/18; A61K38/22; A61K38/23; A61K38/29; A61P19/10	Compositions and methods of targeted nanoformulations in the management of osteoporosis
US2011104283 A1 20110505	US20100912826 20101027; US20090279962P 20091029	MOUSA SHAKER A [US]; QARI MOHAMMED H [SA]; ARDAWI MOHAMMED S [SA]	A61K38/46; A61K9/14; A61K33/06; A61K33/32; A61P19/00; A61P19/10	Compositions and methods of natural products in nanoformulations for the prevention and treatment of osteoporosis
US2011123651 A1 20110526	US20100784385 20100520; US20090180026P 20090520	MOWER THOMAS E [US]; BRADY CHARLES JEFFERY [US]	A61K31/05; A61K31/353; A61K31/522; A61K36/185; A61K36/45; A61K36/53; A61K36/736; A61K36/752; A61P3/10; A61P7/02; A61P29/00; A61P35/00	Dietary supplement drink for delivery of resveratrol and other polyphenols
US2011104362 A1 20110505	US200913001630 20090622; US20080077746P 20080702; WO2009US48099 20090622	MUETING MICHAEL W [US]; DUAN DANIEL C [US]; STEIN STEPHEN W [US]	A61K9/14	Method of making a dry powder pharmaceutical composition
US2011034974 A1 20110210	ES20070002084 20070726; WO2008IB02780 20080725	MUNOZ MARQUEZ MIGUEL ANGEL [ES]; GUERRERO GARCIA ESTEFANIA [ES]; FERNANDEZ CAMACHO MARIA ASCUNCION [ES]	A61B18/18	Hyperthermia devices and their uses with nanoparticles

Publicação (número e data)	Prioridade	Depositante	CIP	Título
WO2011037533 A1 20110331	SE20090050702 20090925	NANEXA AB [SE]; JOHANSSON ANDERS [SE]; ROTH MAARTEN [SE]; BOMAN MATS [SE]; CARLSSON JAN-OTTO [SE]	B32B5/16; A61B5/00; G01J3/44; G01N21/65; G01N33/58	Sers device
HU0900384 A2 20110128	HU20090000384 20090619	NANGENEX NANOTECHNOLOGIAI ZARTKOERUEEN MUEKOEDOE RESZVENYTARSASAG [HU]	A61K31/4178; A61K9/14	Nanoparticulate olmesartan medoxomil compositions
HU0900376 A2 20110128	HU20090000376 20090619	NANGENEX NANOTECHNOLOGIAI ZARTKOERUEEN MUEKOEDOE RESZVENYTARSASAG [HU]	A61K31/41; A61K9/14	Nanoparticulate candesartan cilexetil composition
CN101955547 A 20110126	CN20101182944 20100526	NANJING ZELANG MEDICINE TECHNOLOGY CO LTD	C08B37/00; A61P11/06; A61P11/14; A61P37/04; A61P39/00; C07C227/40; C07C229/00	Method for comprehensively extracting changium smyrnioide polysaccharides and amino acid
JP2011078914 A 20110421	JP20090233766 20091007	NANO SCIENCE KK; REO LAB CO LTD	B01F3/04; A61C17/00; A61H33/14; A61K33/40; A61P1/02; B01D61/02; B01F3/08; C01B13/00; C01B13/10; C02F1/44; C02F1/78	Method of manufacturing water for living body containing stabilized ozone-nanobubble nucleus and water for living body
CN102083415 A 20110601	WO2009US40970 20090417; US20080046262P 20080418	NANOBIO CORP [US]	A61K9/107	Methods for treating herpes virus infections



<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
EP2293787 A1 20110316	WO2009US41811 20090427; US20080048075P 20080425; US20080129962P 20080801; US20080115879P 20081118	NANOBIO CORP [US]	A61K31/00; A61K9/107; A61K9/51; A61P31/10	Nanoemulsions for treating fungal, yeast and mold infections
EP2278997 A1 20110202	WO2009US41243 20090421; US20080046639P 20080421; US20080111319P 20081104; US20090145894P 20090120	NANOBIO CORP [US]	A61K39/145; A61K39/00; A61L2/00	Nanoemulsion influenza vaccine
US2011142899 A1 20110616	ES20080001902 20080625; ES20090030353 20090624; WO2009IB53929 20090625	NANOBIOMATTERS S L [ES]	A01N59/16; A01N33/12; A01P1/00; A61K31/05; A61K31/355; C09K15/00	Active nanocomposite materials and production method thereof
US2011008440 A1 20110113	ES20070003100 20071123; WO2008ES00723 20081119	NANOBIOMATTERS S L [ES]	A61K9/14; A61K31/00; A61K31/01; A61K31/045; A61K38/02; A61K38/43; F21V9/06	Novel nanocompound materials with infrared, ultraviolet and visible electromagnetic radiation blocking properties and method for obtaining them
CA2765290 A1 20110113	EP20090165157 20090710; US20090224576P 20090710; WO2010EP59871 20100709	NANOBIOTIX [FR]	A61K41/00; A61P35/00	Metallic nanoparticles, preparation and uses thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
MX2010013322 A 20110121	EP20080157686 20080605; US20080060202P 20080610; WO2009EP56880 20090604	NANOBIOTIX [FR]	A61K41/00; A61P35/00	Inorganic nanoparticles of high density to destroy cells in-vivo.
HU0900382 A2 20110128	HU20090000382 20090619	NANOFORM MAGYARORSZAG KUTATO FEJLESZTOE KFT [HU]	A61K31/4184; A61K9/14	Nanoparticulate telmisartan compositions
HU0900377 A2 20110128	HU20090000377 20090619	NANOFORM MAGYARORSZAG KUTATO FEJLESZTOE KFT [HU]	A61K9/14; A61K31/519	Nanoparticulate sildenafil citrate compositions, process for the preparation thereof and pharmaceutical compositions containing them
US2011014131 A1 20110120	US20100839327 20100719; US20090227012P 20090720	NANOINK INC [US]	A61K9/48; A61J3/06; B05D5/00; B29C45/14	Nanomolding micron and nano scale features
US2011008907 A1 20110113	US20060491564 20060724	NANOSPHERE INC	G01N1/00; B01L3/00; G01N33/48	System using self-contained processing module for detecting nucleic acids
US2011054633 A1 20110303	US20080863003 20081218; US20080150298 20080425; US20080080082P 20080711; US20080072981P 20080404; US20080011551P 20080118; WO2008US13918 20081218	NANOSURFACE TECHNOLOGIES LLC [US]	A61F2/10; B32B1/02; B32B3/00; B32B3/26; C23C16/40; C23C16/44	Nanofilm protective and release matrices

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US7912653 B1 20110322	US20050075364 20050308; US20040826153 20040416; US20030463765P 20030417	NANOSYS INC [US]	G01N33/48; C12Q1/68; G01N31/00	Nanocrystal taggants
US2011064785 A1 20110317	US20100720297 20100309; US20080329431 20081205; US20070992827P 20071206; US20070992865P 20071206	NANOSYS INC [US]	A61K9/70; A61K9/00; A61K33/00; A61L33/00; A61P7/04	Nanostructure-enhanced platelet binding and hemostatic structures
US2011117149 A1 20110519	US200913002961 20090702; US20080129592P 20080707; WO2009IB06720 20090702	NANUNANU LTD [GB]	C01B25/26; A23J1/00; A23L3/00; A61K8/02; A61K8/24; A61K9/00; A61K33/42; B01J20/04; B01J20/24; B01J32/00; C01B25/32; C01B25/40; C01B25/42; C01B25/44; E04B1/74	Inorganic nanotubes
US7939734 B1 20110510	US20040873996 20040614	NASA [US]	G01F1/64; C12M1/00; C12M1/34; C12Q1/00; G01N27/26; G01N33/53; G01N33/543; G01N33/553; G01R31/26	Biochemical sensors using carbon nanotube arrays
KR20110059324 A 20110602	KR20090116024 20091127	NAT CANCER CT [KR]	C12Q1/68; B82B3/00; C12N15/11	A method for detection of genetic variation using nanoparticle aggregation
KR20110038215 A 20110414	KR20090095413 20091008	NAT CANCER CT [KR]	A61K38/00; A61K9/51; A61K47/42; B82B3/00	Photosensitizer - metal nanoparticle complex and composition containing the complex for photodynamic therapy or diagnosis

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
WO2011043502 A1 20110414	WO2009KR05763 20091008	NAT CANCER CT [KR]; CHOI YONG-DOO [KR]; JANG BO-SEUNG [KR]; KIM IN-HOO [KR]; PARK JIN-YOUNG [KR]	A61K49/00; A61K33/24; A61K47/48; A61P35/00	Composite of photosensitizer-metal nanoparticles and composition for photodynamic therapy or diagnosis comprising same
WO2011049256 A1 20110428	KR20090101468 20091023	NAT CANCER CT [KR]; CHOI YONG-DOO [KR]; JANG BO-SEUNG [KR]; PARK JIN-YOUNG [KR]; LEE JUNG-IM [KR]; KIM IN- HOO [KR]	A61K49/00; A61K33/06; A61K33/24; A61K47/48; A61P35/00	Photosensitizer/metal nanoparticle charge complex and composition containing the complex for photodynamic therapy or diagnosis
US2011081395 A1 20110407	US20090573878 20091005	NAT HEALTH RESEARCH INSTITUTES [TW]; NAT UNIV TSINGHUA [TW]	A61F2/00; A61K35/12; C12N5/079	Ultra-nanocrystalline diamond as a biomaterial for enhancing proliferation and differentiation of neural stem cells
CN101954085 A 20110126	CN20101271964 20100903	NAT HEPATOBILIARY & ENTERIC SURGERY RES CT MINISTRY OF HEALTH; UNIV CENTRAL SOUTH	A61K47/02; A61K31/337; A61P35/00; C01G49/08	Method for preparing magnetic-targeted thermochemotherapy gold shell nano-drug delivery system
JP2011045944 A 20110310	JP20090194892 20090826	NAT INST FOR MATERIALS SCIENCE	B82B1/00; B82B3/00; C12M1/00; C12N15/09; G01N27/414; G01N27/447; H01L29/06	Nanoribbon and manufacturing method thereof, fet using nanoribbon and manufacturing method thereof, and base sequence determination method using nanoribbon and apparatus for the same
JP2011069727 A 20110407	JP20090221129 20090925	NAT INST OF ADVANCED IND SCIEN [JP]	G01N27/327; G01N27/30; G01N27/416	Redox protein immobilization nanostructure electrode
JP2011036760 A 20110224	JP20090184487 20090807	NAT INST OF ADVANCED IND SCIEN [JP]	B01F17/56; A61K9/10; A61K9/16; A61K47/16; A61K47/26; B01F17/28; B01J13/00; B82B1/00; B82B3/00	Nanoparticle dispersable in water and method for manufacturing nanoparticle dispersion liquid

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011052702 A1 20110303	JP20080013280 20080124; WO2009JP50863 20090121	NAT INST OF ADVANCED IND SCIEN [JP]	A61K9/14; A61K31/7028; A61K38/00; A61P43/00; F28D21/00	Method and apparatus for producing organic nanotubes
JP2011116569 A 20110616	JP20090238461 20091015	NAT INST OF ADVANCED IND SCIEN [JP]; SANSHIN KOKO KK; NIPPON MENAIDE KESHOHIN KK	C01G23/04; A61K8/02; A61K8/25; A61K8/29; A61K9/16; A61K47/02	Composite powder and granular body by aggregation and pulverization of nanoparticles, and method and apparatus for producing the same
KR20110059223 A 20110602	KR20090115884 20091127	NAT UNIV CHONBUK IND COOP FOUN [KR]	C12P7/56; C12M1/33; C12N9/02	Preparation method of organic acid using dehydrogenase reaction coupled with electrolytic reduction
KR20110051441 A 20110518	KR20090108018 20091110	NAT UNIV CHONBUK IND COOP FOUN [KR]	B82B3/00; A61C8/00; A61L27/06; A61L27/28	Method for forming nanotube on the surface of dental implant quickly and uniformly
KR20110014411 A 20110211	KR20090072063 20090805	NAT UNIV CHONBUK IND COOP FOUN [KR]	G01N35/00; C12Q1/02; G01N37/00	Stimulation/detection one-body type bio-med chip and method of fabricating the same
KR20110027875 A 20110317	KR20090085658 20090911	NAT UNIV CHONBUK IND COOP FOUN [KR]	B82B3/00; A61C8/00; A61C13/08; A61L27/28	A method for controlling diameter size of nanotube formed on the surface of dental implant
KR20110022429 A 20110307	KR20090080022 20090827	NAT UNIV CHUNGBUK IND ACAD [KR]	A61K9/16; B82B3/00	Method of preparation of poly-[gamma]-glutamic acid/chitosan nanoparticles
EP2276475 A1 20110126	WO2009EP53258 20090319; IE20080000211 20080320	NAT UNIV IRELAND [IE]	A61K9/51; A61K48/00; A61K49/00	Biodegradable nanoshells for delivery of therapeutic and/or imaging molecules
US2011123601 A1 20110526	TW20090139728 20091123	NAT UNIV TSINGHUA [TW]	A61K9/127; A61K31/519; A61K31/7088; A61K38/16; A61K38/18; A61K39/395; A61K47/06; A61K51/12; A61P37/00; A61P43/00	Biofunctionalized phospholipid-capped mesoporous silica nanoshuttles for targeted drug delivery

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011042325 A1 20110224	US20090921316 20090306; US20080034808P 20080307; US20090153861P 20090219; WO2009US36370 20090306	NDSU RES FOUNDATION [US]	C02F1/68; B01J20/26; C12N11/08	Polymeric delivery vehicle for nanoparticles
US2011046461 A1 20110224	US20090543920 20090819	NELLCOR PURITAN BENNETT LLC [US]	A61B5/0408; A61B5/0478; A61B6/00; C09J11/00	Nanofiber adhesives used in medical devices
US2011021428 A1 20110127	EP20070117286 20070926; WO2008EP62532 20080919	NESTEC SA [CH]	A61K38/18; A61P17/00; A61P37/08	Prevention of allergy at weaning
RU2413759 C1 20110310	RU20090147214 20091211	NESTEROV MIKHAIL VLADIMIROVICH [RU]	C12C12/00	Beer and method of its production
US2011008785 A1 20110113	US20100816370 20100615; US20090268770P 20090615	NETBIO INC [US]	C12Q1/68; C12P19/34; G01J1/58; G01N33/50	Methods for forensic dna quantitation
US2011135730 A1 20110609	US201113026787 20110214; US20080283684 20080915; WO2007US06528 20070314; US20060782148P 20060314	NEURON PHARMACEUTICALS LTD [NZ]	A61K9/113	Oral formulations of glycyl-2-methylpropyl- glutamate
EP2313121 A2 20110427	WO2009US04006 20090709; US20080172168 20080711	NEXEON MEDSYSTEMS INC [US]	A61L29/12; A61L29/16	Nanotube-reinforced balloons for delivering therapeutic agents within or beyond the wall of blood vessels, and methods of making and using same

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011159477 A1 20110630	SE20080001352 20080610; WO2009SE50706 20090610	NILSSON KURT [SE]; KRONBLAD AASA [SE]	C12Q1/70; G01N33/53	Products and analytical method
CN101934088 A 20110105	CN20091195684 20090915	NINTH HOSPITAL AFFILIATED TO SHANGHAI JIAO TONG UNIVERSITY SCHOOL OF MEDICINE; UNIV SHANGHAI JIAOTONG	A61L27/06; A61L27/50; A61L27/56; A61L31/02; A61L31/14	Orthopedic implant with nano blind hole structure on surface and application thereof
US2011045042 A1 20110224	JP20080174294 20080703; JP20080252438 20080930; WO2009JP61896 20090630	NISSHINBO HOLDINGS INC [JP]	A61K8/02; A61Q19/00; B32B5/02; B65D81/24	Preservative material and storage method for liquid
CN102014880 A 20110413	WO2009US42627 20090501; US20080049627P 20080501	NOD PHARMACEUTICALS INC	A61K9/51; A61K38/26	Therapeutic calcium phosphate particles and methods of making and using same
US2011064818 A1 20110317	UA20080003496 20080319; WO2008UA00019 20080325	NOGA DAVID ANATOL EVICH [UA]; MATVIEEV PAVEL GUEORGUEVICH [UA]; MARKIN SERGUEI SERQUEEVICH [RU]; BERENSSTEIN DMITRIJ BORISOVICH [RU]; SIEMIENOV MIKHAIL PIETROVICH [RU]	A61K9/14; A61K38/28	Pharmaceutical composition and a method for the production thereof

Publicação (número e data)	Prioridade	Depositante	CIP	Título
EP2288336 A2 20110302	WO2009US02540 20090424; US20080047903P 20080425; US20080098923P 20080922; US20080117350P 20081124; US20090160165P 20090313	NORTH WESTERN UNIVERSITY [US]	A61K9/00	Nanostructures suitable for sequestering cholesterol
AU2009336723 A1 20110630	US20080122464P 20081215; WO2009EP67122 20091214	NOVARTIS AG [CH]	A61K9/10; A61B5/00; A61K9/00; A61K9/51; A61K47/34	Nanoparticle compositions
EP2282771 A1 20110216	WO2009US41932 20090428; US20080048428P 20080428	NOVARTIS AG [CH]	A61K39/095; A61P31/04	Nanoparticles for use in pharmaceutical compositions
EP2275432 A1 20110119	EP20040804635 20041201; DK20030001775 20031201	NOVO NORDISK HEALTHCARE AG [CH]	C07K1/34; C07K14/745; C12N7/06; C12N9/64	Nanofiltration of factor vii solutions to remove virus
RU2009130779 A 20110220	RU20090130779 20090813	NPF DNK T AOZT [RU]	B82B3/00; C12N15/00	Method for homogenising biological samples containing magnetic nanoparticles when extracting dna during automatic sample preparation for pcr analysis
US2011064776 A1 20110317	WO2008KR02788 20080519	OH MYUNG-HWAN [KR]; KIM WON-HO [KR]; HAM MI HYOUN [KR]; LEE JONG- HWI [KR]; KIM YUN-KI [KR]	A61K33/06; A61K9/00; A61K31/14; A61K31/155; A61K31/722; A61K33/14; A61K33/24; A61K33/42; A61P1/02; A61P31/04	Dental composition containing organic nanotube



<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011020434 A1 20110127	US20100877414 20100908; US20060515711 20060905; US20050713672P 20050902; US20090240925P 20090909	O'HALLORAN THOMAS V [US]; CHEN HAIMEI [US]; MAZAR ANDREW [US]	A61K9/127; A61K31/282; A61K31/285; A61K33/24; A61K33/36; A61K38/19; A61K39/395; A61P35/00	Nanoparticle arsenic-platinum compositions
US2011003350 A1 20110106	US20100823696 20100625; US20090220417P 20090625	OLD DOMINION UNIVERSITY [US]	C12P7/64; C12M1/42; C12N13/00; C12P7/04; C12P7/06; C12P7/16	System and method for high-voltage pulse assisted aggregation of algae
US2011152694 A1 20110623	JP20090291274 20091222	OLYMPUS CORP [JP]; UNIV TOKYO [JP]	A61B6/00	Blood-pressure sensor, manufacturing method thereof, and blood-pressure sensor system
RU2009141905 A 20110520	RU20090141905 20091109	OOO FULLERON [RU]	A61K36/00; B82B1/00	Nanogel for ultrasound diagnosis and method for producing it
RU2009145462 A 20110620	RU20090145462 20091209	OOO NPOB LIKOM [RU]	A61K31/01; B82B3/00	Medication for treatment and prevention of fungal skin diseases
RU2009141290 A 20110520	RU20090141290 20091110	OOO NPOB LIKOM [RU]	A61K31/00; B82B1/00	Antiinflammatory wound-healing medication
RU2414902 C1 20110327	RU20090138005 20091015	OOO NPOB LIKOM [RU]	A61K31/5415; A61K33/30; A61K33/34; A61K33/38; B82B1/00	Bactericidal composition for prevention and treatment of infectious diseases of hoofs in animals
RU2009125260 A 20110110	RU20090125260 20090702	OOO NPOB LOKUS [RU]	A61L15/00	Gel-like coating from elastic foam-polyurethane for closing wounds of various etiology
RU2416427 C1 20110420	RU20090146369 20091214	OOO SAENTIFIK F JUCHER MENEDZHMENT [RU]	A61K38/47; A61P3/10; B82B3/00	Hypoglycemic agent in non-insulin-dependent diabetes mellitus
MX2010014186 A 20110622	FR20090059480 20091223	OREAL [FR]	A61K8/18; A61K8/06; A61K8/25; A61K8/31	Cosmetic composition in the form of a nanoemulsion containing a volatile linear alkane.

Publicação (número e data)	Prioridade	Depositante	CIP	Título
FR2951076 A1 20110415	FR20090057134 20091012	OREAL [FR]	A61K8/04; A61Q17/04	Nontherapeutic photoprotection of human keratin materials against solar uv radiation, comprises applying a cosmetic composition comprising a dispersion of photonic particles having specified particle size
FR2951078 A1 20110415	FR20090057133 20091012	OREAL [FR]	A61K8/18	Photonic particles, useful e.g. In a cosmetic composition, and for coloring and/or brightening, and modifying the spectral reflectance of human keratin materials, comprises hollow nanoparticles having diffraction arrangement
FR2951077 A1 20110415	FR20090057132 20091012	OREAL [FR]	A61K8/14; A61K8/72; A61Q17/04	Composition, useful e.g. For lightening and/or dyeing human keratin materials, comprises a dispersion of photonic particles comprising a diffraction arrangement of voids or monodisperse nanoparticles, within photocrosslinkable matrix
WO2011045746 A2 20110421	FR20090057132 20091012; US20090256509P 20091030; FR20100051145 20100217; US20100306305P 20100219	OREAL [FR]; SIMONNET JEAN-THIERRY [FR]; LUCET-LEVANNIER KARINE [FR]	A61K8/04; A61K8/11; A61K8/14; A61K8/72; A61Q1/02; A61Q17/04	A composition comprising a dispersion of photonic particles; methods of treating various materials
WO2011045741 A2 20110421	FR20090057133 20091012; US20090257094P 20091102; FR20100051144 20100217; US20100306329P 20100219	OREAL [FR]; SIMONNET JEAN-THIERRY [FR]; LUCET-LEVANNIER KARINE [FR]	A61K8/11; A61K8/04; A61K8/18; A61K8/81; A61Q1/02; A61Q17/04	Photonic particles; compositions containing them; methods of photoprotecting various materials

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
WO2011045740 A2 20110421	FR20090057134 20091012; US20090256152P 20091029; FR20100051141 20100217; US20100306319P 20100219	OREAL [FR]; SIMONNET JEAN-THIERRY [FR]; LUCET-LEVANNIER KARINE [FR]	A61K8/04; A61K8/81; A61Q17/04; C03C4/08; C03C17/00; C08K13/04; C09D5/32; C09D7/12; C09D11/00; D06M23/12; D21C9/00	Methods of photoprotecting a material against solar uv radiation using photonic particles; compositions
GB2472509 A 20110209	US20090535520 20090804	ORECK HOLDINGS LLC [US]	F24F3/16; A61L9/03; A61L9/20	Air cleaner with photo-catalytic oxidizer
CA2767342 A1 20110113	US20090224100P 20090709; WO2010IL00551 20100708	OSHADI DRUG ADMINISTRATION LTD [IL]	A61K9/10; A61K9/14; A61K47/02; A61K47/04; A61K47/30	Matrix carrier compositions, methods and uses
KR20110068044 A 20110622	KR20090124868 20091215	OSTEOPHIL [KR]; PARK JIN WOO [KR]	A61L27/06; A61C8/00; A61L27/30	Implant surface treatment method and implant treated by the method
US2011065086 A1 20110317	US20090378515 20090217; US20080066506P 20080221; US20080132147P 20080616	OTC BIOTECHNOLOGIES LLC	C12Q1/70; C12Q1/68; G01N27/26	Methods of producing homogeneous plastic- adherent aptamer-magnetic bead-fluorophore and other sandwich assays
KR20110041099 A 20110421	KR20090098126 20091015	OUTINFUTURES CO LTD [KR]	A61K8/97; A61K8/98; A61Q19/00	Skin external composition for pore-tightening, sebum control and skin peeling containing nano carbon tube
US2011117637 A1 20110519	US20100877764 20100908; US20090241700P 20090911	PACIFIC BIOSCIENCES CALIFORNIA [US]	C12M1/34; B05D5/06; G02B6/12; H01J40/00	Zero-mode waveguides with non-reflecting walls
JP2011063561 A 20110331	JP20090217337 20090918	PANASONIC ELEC WORKS CO LTD	A61K8/19; A61K8/02	Liquid for external use, method of using the same and unit for manufacturing the same

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011059142 A1 20110310	US20090991508 20090505; US20080050775P 20080506; US20080074171P 20080620; WO2009EP55438 20090505	PAPANICOLAOU IRENE [GB]	A61K39/395; A61K9/00; A61K38/02; A61P25/00; A61P27/02	Encapsulation of biologically active agents
US2011003279 A1 20110106	US20100879688 20100910; US20090478232 20090604; US20090276349P 20090911	PATEL GORDHANBHAI NATHALAL [US]	C12Q1/70; C12Q1/02; G01J4/00; G01K3/00; G01N31/00; G01T1/00	Monitoring devices and processes based on transformation, destruction and conversion of nanostructures
RU2411027 C1 20110210	RU20090124370 20090624	PATSIJA MERABI GEORGIEVICH [RU]	A61K8/04; A61K31/122; B82B1/00	Nanodisperse coenzyme q10 composition and method for making thereof
US2011143415 A1 20110616	US20100960527 20101205; US20090286241P 20091214	PAYLIAN SERGEI [US]	C12N13/00; C12N5/071	Reprogramming normal and cancerous human cell lines into human induced pluripotent stem cells by co-electroporation with living xenopus laevis frog oocytes
JP2011063615 A 20110331	US20030465938P 20030425	PENN STATE RES FOUND THE	A61K9/127; A61K9/16; A61K9/51; A61K47/18; A61K47/28; A61K47/32; A61K47/34; A61P3/10; A61P9/00; A61P9/10; A61P35/00; A61P43/00	Method and system for systemic delivery of growth arresting, lipid-derived bioactive compound
WO2011057216 A1 20110512	US20090258664P 20091106	PENNSYLVANIA STATE RES FOUNDATION [US]	A61K9/48; A61K9/14	Bioconjugation of calcium phosphosilicate nanoparticles for selective targeting of cells in vivo
WO2011015226 A1 20110210	WO2009EP60049 20090803	PHARMATEX ITALIA SRL [IT]; DE TOMMASO VINCENZO [IT]	A61L2/00; A61K9/14; A61K31/58	Process for the preparation of sterile powdered pharmaceutical compounds in the form of micro and nanoparticles

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
EP2338500 A1 20110629	EP20090425529 20091223	PHENOFARM S R L [IT]; ROMANI ANNALISA [IT]; PIZZICHINI MASSIMO [IT]	A61K36/63	Process for producing concentrated and refined actives from tissues and byproducts of olea europaea with membrane technologies
CA2768654 A1 20110127	US20090227135P 20090721; WO2010US42708 20100721	PHILADELPHIA CHILDREN HOSPITAL [US]	A61M25/01; A61M31/00	A multicomponent magnetic nanoparticle delivery system for local delivery to heart valve leaflets and other animal tissues
US2011076767 A1 20110331	US20100960968 20101206; US20050250948 20051014; WO2004US11861 20040416; US20040546233P 20040220	PHILADELPHIA CHILDREN HOSPITAL [US]	C12N5/071; H01F1/26	Magnetically-driven biodegradable gene delivery nanoparticles formulated with surface-attached polycationic complex
CN101947312 A 20110119	CN20101265116 20100826	PING DONG; KEXIANG DING	A61K38/44; A61K8/66; A61K8/86; A61P17/00; A61P39/00; A61Q19/00	Modified polyethylene glycol superoxide dismutase (mpeg-sod) nanoemulsion capable of being directly externally used for skin and preparation method thereof
CN101934086 A 20110105	CN20091148496 20090702	PING HU; YAN JIN; GUOYONG ZHANG; HONGXU QI	A61L15/38; A61L15/26; A61L15/32; A61L15/44	Formula of electrostatic spinning raw material solution for tissue repairing
CN101948439 A 20110119	CN20101259555 20100817	PING LIU	C07D239/54; A61K31/513; A61K31/7072; A61K31/708; A61P7/06; A61P9/10; A61P17/02; A61P27/02; A61P37/02; A61P39/00; A61P43/00; C07H1/08; C07H19/067; C07H19/167	Extraction method and application to medicine of active alkaloid compounds in cervus nippon temminck

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011117206 A1 20110519	US200913054027 20090716; GB20080013015 20080716; US20080194311P 20080926; WO2009GB50876 20090716	PLANT BIOSCIENCE LTD [GB]	A61K9/14; A61K33/42; A61P43/00; C07K2/00; C07K14/00	Phosphopeptides and use of the same
US2011111002 A1 20110512	US20090616820 20091112	POP CALIN VIOREL [US]	A61K9/00; A01H5/00; A61K9/127; A61K9/14; A61K31/195; A61P43/00; C12N13/00	Transport and delivery of glutathione into human cells using gold nanoparticles
KR20110039046 A 20110415	KR20090096314 20091009	POSTECH ACAD IND FOUND [KR]; UNIV NAT CHONNAM IND FOUND [KR]	C12N15/87; C08K7/18; C08L79/08	Composite for delivering a gene into a cell, preparation method thereof, and method of delivering a gene into a cell using same
EP2316490 A2 20110504	EP20010992587 20011031; US20000244499P 20001031	PR PHARMACEUTICALS INC [US]	A61K47/48; A61K9/50; A61K9/51; A61K38/00; A61K47/34; A61P25/04	Methods and compositions for enhanced delivery of bioactive molecules
EP2268250 A2 20110105	WO2009US41181 20090421; US20080046891P 20080422; US20090369128 20090211	PROCTER & GAMBLE [US]	A61F13/511	Disposable article including a nanostructure forming material

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CA2781525 A1 20110428	US20090254296P 20091023; US20090254291P 20091023; US20090254293P 20091023; WO2010IB02854 20101022	PRONOVA BIOPHARMA NORGE AS [NO]	A61K9/48; A23L1/30; A61K9/107; A61K9/40; A61K31/557	Coated capsules and tablets of a fatty acid oil mixture
CA2779109 A1 20110505	US20090256287P 20091029; US20100389964P 20101005; WO2010US54535 20101028	PROSIDYAN INC [US]	A61L27/10	Dynamic bioactive bone graft material having an engineered porosity
US2011022129 A1 20110127	US20080741334 20081105; US20070001839P 20071105; WO2008US12485 20081105	PRUD HOMME ROBERT K [US]; GINDY MARIAN [US]; UNGUN BARIS [US]; BUDIJONO STEPHANIE [ID]; LIU YING [US]	A61N5/06; C12N13/00	Nanoparticles for photodynamic therapy
US2011104293 A1 20110505	US200913002211 20090701; US20080077411P 20080701; WO2009US49431 20090701	PULENDRAN BALI [US]; KASTURI SUDHIR [US]; MURTHY NIREN [US]	A61K39/00; A61K9/50; A61K39/07; A61K39/145; A61P31/04; A61P31/16; A61P35/00	Synergistic induction of humoral and cellular immunity by combinatorial activation of toll-like receptors
WO2011031999 A2 20110317	US20090241216P 20090910	PURDUE RESEARCH FOUNDATION [US]; IVANISEVIC ALBENA [US]; JAGANATHAN HAMSA [US]	B82B1/00; A61K49/06; B82B3/00; C12Q1/68	Multi-component nanoparticle structure having detectable magnetic resonance properties
KR20110027949 A 20110317	KR20090085801 20090911	PUSAN NAT UNIV IND COOP FOUND [KR]	A61K9/70; A61P17/00	Nanofiber sheet with core-shell structure

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011105825 A1 20110505	US20100925904 20101101; US20090256986P 20091031	QTERIS INC	A61N2/10; A61K9/00; A61K9/127; A61K49/00; A61P31/04	Nanoparticle-sized magnetic absorption enhancers having three-dimensional geometries adapted for improved diagnostics and hyperthermic treatment
US2011144030 A1 20110616	ES20080000011 20080104; WO2009ES00001 20090105	RAMIS CASTELLTORT MARC [ES]; OJEA JIMENEZ ISAAC [ES]; QUEROL SASTRE JOAQUIN [ES]	A61K38/02; A61K8/73; A61Q19/00; C08B37/08; C12P19/28	Conjugate of hyaluronic acid for cosmetic treatment and preparation method
US2011009362 A1 20110113	US20090919331 20090227; IN2008CH00493 20080227; IN2008CH00643 20080314; IN2008CH02503 20081014; US20080046571P 20080421; US20080048576P 20080429; US20080141460P 20081230; WO2009US35394 20090227	REDDYS LAB LTD DR [IN]; REDDYS LAB INC DR [US]	A61K31/5377; A61K31/724; A61P1/08; C07D413/06; C08B30/18	Solubility-enhanced forms of aprepitant and pharmaceutical compositions thereof
US2011059162 A1 20110310	US20100875820 20100903; US20090240033P 20090904	REED JESS DREHER [US]; KRUEGER CHRISTIAN GERALD [US]; MADRIGAL- CARBALLO SERGIO [US]	A61K9/127; A61K9/00; A61K9/48; A61K31/715; A61K39/00; A61P31/04	Tannin-chitosan composites



<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
MX2011004235 A 20110624	US20080107453P 20081022; US20080107480P 20081022; US20080258210 20081024; WO2009US61710 20091022	REVALESIO CORP [US]	C12N5/00; C12N5/02	Compositions and methods for treating thymic stromal lymphopoietin (tslp)-mediated conditions.
MX2010011846 A 20110411	US20080048332P 20080428; US20080048347P 20080428; WO2008US81021 20081023; US20080256774 20081023; WO2008US81202 20081024; US20080258210 20081024; WO2009US41852 20090427	REVALESIO CORP [US]	A61K9/00	Compositions and methods for treating multiple sclerosis.
MX2010011856 A 20110215	US20080049724P 20080501; WO2009US42171 20090429	REVALESIO CORP [US]	A61K9/00	Compositions and methods for treating digestive disorders.

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011081384 A1 20110407	US20100769323 20100428; US20090431704 20090428; US20070978137 20071025; US20060862904P 20061025; US20060862953P 20061025; US20060862955P 20061025; US20060862959P 20061025; US20070982387P 20071024; US20080048433P 20080428; US20090175409P 20090504	REVALESIO CORP [US]	A61K33/00; A61K9/00; A61P17/02; A61P29/00; A61P31/00; A61P31/04	Methods of wound care and treatment
EP2296720 A1 20110323	WO2009NL50296 20090527; EP20080157009 20080527; EP20090755087 20090527	REVISIOS B V I O [NL]	A61L27/56; A61L27/46	Osteoinductive nanocomposites
CA2768444 A1 20110120	DK20090000879 20090717; US20100300782P 20100202; EP20100152394 20100202; WO2010DK50192 20100716	RIGSHOSPITALET [DK]; UNIV DENMARK TECH DTU [DK]	A61K51/12; A61K9/127; A61K47/48; C07F19/00	Loading technique for preparing radionuclide and ionophore containing liposomes in which the ionophore is 2-hydroxyquionoline (carbostyryl) or structurally related 2-hydroxyquinolines

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN102046011 A 20110504	WO2008US04393 20080404	ROBERT SHORR; ROBERT RODRIGUEZ	A01N47/28; A61K31/17	Lipid-oil-water nanoemulsion delivery system for microtubule-interacting agents
CN102058530 A 20110518	CN20101588196 20101214	RONGMIN YU	A61K9/107; A61K31/715; A61P35/00; A61P37/04	Ganoderma lucidum polysaccharide oral nanoemulsion and preparation method thereof
RU2009143183 A 20110527	RU20090143183 20091124	ROSSIJSKAJA FEDERATSIJA OT IM KOTOROJ VYSTUPAET MIN OBRAZOVANIJA I NAUKI RF [RU]; G OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA NIZHEGORODSKAJA GMA FEDERAL N [RU]	A61N5/00	Method of laser hyperthermia therapy of tumours
RU2416644 C1 20110420	RU20090142149 20091117	ROSSIJSKAJA FEDERATSIJA OT IM KOTOROJ VYSTUPAET MIN OBRAZOVANIJA I NAUKI RF [RU]; G UCHREZHDENIE NII FIZ KHIM BIOLOG IM A N BELOZERSKOGO MO G UNI IM M V LOMONOSOVA NII FKHB IM A N G [RU]	C01G23/047; C12N11/14; C12P19/36	Photobiocatalyst for producing reduced forms of nicotinamide coenzymes nadh or nadph and photocatalytic method for producing nadh or nadph

Publicação (número e data)	Prioridade	Depositante	CIP	Título
RU2009135463 A 20110327	RU20090135463 20090924	ROSSIJSKAJA FEDERATSIJA OT IM KOTOROJ VYSTUPAET MIN OBRAZOVANIJA I NAUKI RF [RU]; UCHREZHDENIE ROSSIJSKOJ AKADEMII NAUK INST EHLEMENTOORGANICHE SKIKH SOEDINENIJ IM A N NESMEJANOVA RAN [RU]	A61K9/16	Method for making magnetite nanoparticles stabilised by biocompatible polymer having functional formyl groups
US2011142947 A1 20110616	US20100796273 20100608; US20090184903P 20090608; US20090248127P 20091002	RUBIN LEO [US]; MOUSA SHAKER A [US]	A61K9/14; A61K31/198; A61P9/00; C07D303/38; C07D303/40; C08B37/08; C08G63/91	Novel formulations
US2011091925 A1 20110421	IE20090000775 20091005; IE20090000822 20091023	RYAN KEVIN M [IE]; SANYAL AMBARISH [IE]; MCGLOUGHLIN TIMOTHY [IE]; PITERINA ANNA V [IE]	C12Q1/02	Processing of nanoparticles
CA2767583 A1 20110113	US20090223691P 20090707; WO2010IB53104 20100707	SABANCI UNIVERSITESI [TR]	A61K9/00	Crosslinked protein nanocrystals, crosslinked protein nanoaggregates and method of preparation thereof
US2011039332 A1 20110217	JP20070159382 20070615; WO2007EP10019 20071120	SAKURADA KAZUHIRO [JP]; MASAKI HLDEKI [JP]; ISHIKAWA TETSUYA [JP]; TAKAHASHI SHUNICHI [JP]	C12N5/071; C12N5/0735; C12N5/074	Human pluripotent stem cells induced from undifferentiated stem cells derived from a human postnatal tissue

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011086072 A1 20110414	US20100976317 20101222; US20050535504 20050518; WO2003US37286 20031120; US20020427749P 20021121	SANDERS IRA [US]	A61K9/00; A61K38/16; A61P11/02; C12N15/74	Treatment of mammalian physiological reaction of ige antibodies present in said mammal upon contact with the corresponding antigen
WO2011057301 A1 20110512	US20090259629P 20091109	SANDERS IRA [US]	A61K39/08	Treatment of sleep disordered breathing with neurotoxin
RU2410109 C1 20110127	RU20090119513 20090522	SANKT PETERBURGSKIJ INST FARMATSII AOZT [RU]	A61K31/7004; A61K31/7016; A61K31/702; A61K36/00	Method for production of sugars-based nanocomposition
NZ562559 A 20110331	US20050678086P 20050505; WO2006US17059 20060503	SANOFI AVENTIS US LLC	A61K9/14; A61K47/44	Stable nanoparticle formulations smaller than 1000 nm without the use of any surface modifier or stabilizzer absorbed onto the surface of the particles
US2011045093 A1 20110224	BR2008PI01929 20080513; WO2009BR00107 20090413	SANTANA CRISTIANO ALBERTO RIBEIRO [BR]	A61K38/48; A61K9/14; A61P15/10; A61P19/00	Pharmaceutical composition and process comprising vegetable proteolytic enzymes in supramolecular nanoparticles, for the treatment of peyronie's disease, connective tissue diseases and use
US2011158901 A1 20110630	US20100980775 20101229; US20090290583P 20091229	SANTRA SWADESHMUKUL [US]	A61K51/00; A61K49/00; B29B9/12; C08L5/08	Chitosan-based nanoparticles and methods for making and using the same
KR101008189B B1 20110117	KR20100073197 20100729	SCBIOPHARM CO LTD [KR]	A61K9/107; A61K38/13; A61K47/30; A61P27/02	Ophthalmic nano-emulsion composition containing cyclosporin for the treatment of dry-eye-syndrome
CN101952116 A 20110119	WO2008DK00407 20081114; DK20070001634 20071116	SCF TECHNOLOGIES AS	B32B27/00; A61L2/18; B05D5/00; B44C5/04; C09D1/00; E04F15/10; E04F15/16	Photocatalytic boards or panels and a method of manufacturing thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
EP2282718 A2 20110216	WO2009US36117 20090305; US20080150329 20080425; US20080221139 20080731	SCHAPIRA JAY N [US]; MAKKAR RAJ [US]	A61K9/00; A61F2/04; A61K39/395	Programmed-release, nanostructured biological construct for stimulating cellular engraftment for tissue regeneration
EP2335743 A2 20110622	EP20050823938 20051223; DE200510036992 20050805; DE200510054698 20051116	SCHILL & SEILACHER GMBH [DE]	A61L15/60; C08J3/24; D04H1/407; D04H1/4358; D04H1/728; D04H3/009; D04H3/016; D04H3/03	Nanofibrous fleece containing superabsorbent powder
CA2780148 A1 20110512	US20090259011P 20091106; US20100308897P 20100227; US20100310700P 20100304; US20100314392P 20100316; US20100331816P 20100505; US20100361998P 20100707; WO2010US55729 20101105	SCIENT NANOMEDICINE INC [US]	A61F2/02	Detection, measurement, and imaging of cells such as cancer and other biologic substances using targeted nanoparticles and magnetic properties thereof
WO2011053435 A1 20110505	US20100377854P 20100827; US20100329076P 20100428; US20090248775P 20091005	SCIENT NANOMEDICINE INC [US]; FLYNN EDWARD R [US]; LARSON RICHARD S [US]	A61B5/055	Cell detection using targeted nanoparticles and magnetic properties thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
TW201100390 A 20110101	TW20090120678 20090619	SCINOPHARM TAIWAN LTD [TW]	C07D239/94; A61K31/517	Crystalline polymorph of erlotinib hydrochloride nanoparticles and the manufacturing process thereof
EP2294190 A1 20110316	WO2009EP04098 20090608; IT2008MI01056 20080610	SEA MARCONI TECHNOLOGIES SAS DI VANDER TUMIATTI [IT]	C12N11/10; C08B37/00	Cyclodextrin nanosponges as a carrier for biocatalysts, and in the delivery and release of enzymes, proteins, vaccines and antibodies
EP2337842 A1 20110629	WO2009US05112 20090910; US20080283907 20080915; US20080283908 20080915	SEARETE LLC [US]	C12M1/34; B82B3/00; C12N1/00	Tubular nanostructure targeted to cell membrane
US2011130616 A1 20110602	US20090505111 20090717; US20060400620 20060406; US20040871243 20040618; US20070712112 20070228; US20040965056 20041014; US20030724563 20031126; US20050669681P 20050408; US20030479381P 20030618	SEENEY CHARLES E [US]; KLOSTERGAARD JIM [US]; YUILL WILLIAM A [US]; GIBSON DONALD D [US]	A61N2/04; A61K9/14; A61K9/16; A61K31/335; A61N2/00; A61N2/02	Magnetically responsive nanoparticle therapeutic constructs and methods of making and using

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
HK1097793 A1 20110114	WO2004US06811 20040308; US20030452530P 20030307; US20030468109P 20030506; US20030499375P 20030903	SELDON TECHNOLOGIES LLC [US]	A61L2/00; A61L2/23; B01D15/00; B01D53/22; B01D69/14; B01D71/02; B01J20/20; C02F1/44; C12H1/044; C12H1/052	Purification of fluids with nanomaterials
US2011020388 A1 20110127	US20100788260 20100526; US20090217129P 20090527; US20090217117P 20090527; US20090217124P 20090527; US20090217116P 20090527	SELECTA BIOSCIENCES INC [US]	A61K39/385; A61P37/02; C07D471/04; C07D473/34; C07H21/00	Targeted synthetic nanocarriers with ph sensitive release of immunomodulatory agents
RU2414882 C1 20110327	RU20100102999 20100201	SEMENOV SEMEN SEMOVICH [RU]; TREZUBOV VLADIMIR NIKOLAEVICH [RU]; AFINOGENOV GENNADIJ EVGEN EVICH [RU]	A61K6/02	Antibacterial material for bases of removable teeth prostheses
EP2284275 A1 20110216	EP20090167572 20090810	SENSILE PAT AG [CH]	C12Q1/00	Stimuli responsive membrane
JP2011087584 A 20110506	EP20030405742 20031016	SEQUENOM INC [US]	C12Q1/68; G01N33/53; B01J20/281; C12N15/09; G01N30/88; G01N37/00	Non-invasive detection of fetal genetic trait



<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011124518 A1 20110526	US20090863169 20090116; US20080021872P 20080117; WO2009US31325 20090116	SEQUENOM INC [US]	C40B30/04; C12Q1/68	Methods and compositions for the analysis of biological molecules
WO2011023843 A2 20110303	ES20090030625 20090825; ES20090030943 20091102	SERVICIO ANDALUZ DE SALUD [ES]; UNIV GRANADA [ES]; ALAMINOS MINGORANCE MIGUEL [ES]; MUNOZ AVILA JOSE IGNACIO [ES]; GONZALEZ ANDRADES MIGUEL [ES]; MUNOZ CAMPOS ANTONIO [ES]; GARZON BELLO INGRID JOHANNA [ES]	C12N5/071; A61K35/12; A61L27/38	Production of artificial tissues by means of tissue engineering using agarose-fibrin biomaterials
CN102086225 A 20110608	CN20091219283 20091203	SHAANXI LIFE GEN CO LTD	C07K1/22; C07H1/06; C12N5/00; C12N15/10; G01N33/53	Immunomagnetic microparticle based on yelk antibody as well as preparation method and application of immunomagnetic nanoparticle
WO2011001869 A1 20110106	JP20090157496 20090702	SHALOM CO LTD [JP]; SCHOOL CORP KANSAI UNIVERSITY [JP]; KON TATSUHIKO [JP]; OHYA YUICHI [JP]; MINAMIGAKI SATOSHI [JP]	B01J13/04; A61K8/06; A61K8/55; A61K8/85; A61K8/99; A61K9/107; A61K9/51; A61K47/24; A61K47/32; A61K47/34; A61K47/36; A61Q19/00; B01J13/00	Method for producing nanospheres, nanospheres, external composition for skin containing same, and cosmetic preparation
CN101987864 A 20110323	CN20091017429 20090730	SHANDONG CHANGLIN MACHINERY GROUP CO LTD	C07K4/10; C07K1/34; C12P21/06	Peanut protein active peptide and production process thereof
CN102100670 A 20110622	CN20091202015 20091222	SHANGHAI ANTIBODIES NAT ENGINEERING RES CT CO LTD	A61K9/16; A61K31/337; A61K47/34; A61K47/42; A61P35/00	Poly(lactic-co-glycolic acid) nanoparticle, preparation method and application thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN101984952 A 20110316	CN20101228675 20100716	SHANGHAI CANMAY COSMETIC S & T DEV CO LTD	A61K8/29; A61K8/58; A61K8/67; A61K8/73; A61K8/81; A61K8/86; A61K8/891; A61K8/92; A61K8/97; A61Q19/00	Application of negative liposome penetration technology in cosmetic
CN102091033 A 20110615	CN20101582436 20101210	SHANGHAI HENG FENG QIANG ANIMAL PHARMACEUTICAL CO LTD	A61K9/107; A61K31/192; A61K47/34; A61P29/00	Ibuprofen nanoemulsion and preparation method thereof
CN102091080 A 20110615	CN20101582403 20101210	SHANGHAI HENG FENG QIANG ANIMAL PHARMACEUTICAL CO LTD	A61K31/59; A61K9/107; A61K31/22; A61K31/355; A61P3/02	Nanoemulsion of liposoluble vitamin and preparation method thereof
CN102078617 A 20110601	CN20101609438 20101228	SHANGHAI INST CERAMICS	A61K47/02; A01N25/08; A01P3/00; A61K49/08; A61N5/06	Method for synthesizing mesoporous silica-based nanocomposite embedded with gold nanorods
CN102049052 A 20110511	CN20091198408 20091106	SHANGHAI INST CERAMICS	A61K49/08; A61K49/18	Method for preparing monodispersed and uniform single core-supported silicon oxide-wrapped hydrophobic nanocrystalline
CN102049064 A 20110511	CN20091198403 20091106	SHANGHAI INST CERAMICS	A61L27/30; A61L27/06; A61L27/56; C25D11/26	Silicon doping porous nanometer titanium oxide coating and preparation method thereof
CN101966344 A 20110209	CN20101524731 20101029	SHANGHAI INST CERAMICS	A61K49/18; A61K47/02; A61K47/04; A61K47/22; A61K47/34; A61K49/08; A61K49/10; A61K49/12	Hollow core-shell nanometer mesoporous medicament carrying system with magnetism and luminescent performance, preparation method and application thereof
CN101948907 A 20110119	CN20091198075 20091030	SHANGHAI INST MICROSYS & INF	C12Q1/68	Method for improving detection sensitivity of cocaine
CN102053148 A 20110511	CN20091197897 20091029	SHANGHAI INST PHARM INDUSTRY; SHANGHAI INST OF PLANNED PARENTHOOD RES	G01N33/48; C12Q1/06; C12Q1/32	Method for detecting exposure toxicity of nanoparticles and toxicant exposure cabinet used thereby

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN102071209 A 20110525	CN20101574319 20101206	SHENMING WANG; ANWU XU; DEYUAN ZHANG	C12N15/63	Nanometer gene transfer material
CN102085183 A 20110608	CN20091220358 20091203	SHENYANG WANJIA BIO TECHNOLOGY RES INST CO LTD	A61K9/107; A61K31/09; A61K47/34; A61K47/44; A61P11/00; A61P11/06; A61P25/08	Asarin lipid nanospheres and method for preparing same
JP2011016778 A 20110127	JP20090164122 20090710	SHIGA UNIV OF MEDICAL SCIENCE; IST CORP	A61K47/02; A61K8/19; A61K8/41; A61K9/16; A61K41/00; A61K47/18; A61K49/00; A61P35/00; A61Q1/00; B22F1/00; C09K3/00; C12M1/00; C12N15/09; G01N33/536; G01N33/543; G01N37/00	Gold nanoparticle composition, dna chip, near infrared ray absorbing material, drug support for drug delivery system (dds), colorant, biosensor, cosmetic, diagnostic composition in living body, and therapeutic composition
CN101953780 A 20110126	CN20101518154 20101025	SHIJIAZHANG OUYI PHARMA CO LTD	A61K9/00; A61K9/16; A61K9/20; A61K9/48; A61K31/545; A61K47/04; A61K47/36; A61K47/42; A61P31/04	Cefprozil solid preparation and preparation method thereof
CN102040675 A 20110504	CN20101600228 20101222	SHIJIAZHANG PHARM GROUP OUYI	C08B37/16; A61K47/40	Method for preparing hydroxypropyl-beta- cyclodextrin
JP2011011997 A 20110120	JP20090155728 20090630	SHIZEN KOBO KK	A61K33/06; A23L1/304; A23L2/52; A61P3/02; A61P27/02; C01F11/00	Method for providing natural calcium originated from organism in nanosized state
KR20110009128 A 20110127	KR20107024777 20080404	SHORR ROBERT [US]; RODRIGUEZ ROBERT [US]	A61K47/30; A61K9/22; A61K9/24; A61K31/337	Lipid-oil-water nanoemulsion delivery system for microtubule-interacting agents
CN102028532 A 20110427	CN20101611379 20101229	SICHUAN GUONA TECHNOLOGY CO LTD	A61B17/70; A61F2/44	Nanocomposite intervertebral fusion cage and preparation method thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
DE102009043422 A1 20110601	DE200910043422 20090929	SIEMENS AG [DE]	A61B6/02; A61B6/03; A61B19/00; H01J19/24; H01J35/06; H05G1/02	Medical x-ray recording system i.e. Biplane x-ray system, for recording image of e.g. Catheter in patient body during percutaneous transluminal coronary angioplasty, has x-ray emitter arranged at holder at distance from another emitter
WO2011044545 A2 20110414	US20090250465P 20091009	SIGALOV ALEXANDER B [US]	A61K47/42; A61K9/48; A61K47/36; A61K49/04; A61P35/00	Methods and compositions for targeted imaging
EP2308513 A2 20110413	EP20050025022 20051116; WO2006EP10996 20061116	SIGNALOMICS GMBH [AT]	A61K47/48; A61K49/00; C09K11/88	Fluorescent nanoparticles
KR20110007111 A 20110121	EP20080003845 20080229	SIGNALOMICS GMBH [AT]	C07K14/245; A61K49/14; G01N33/58	Optimized adhesin fragments and corresponding nanoparticles
WO2011063356 A2 20110526	US20090263392P 20091122	SIRNAOMICS INC [US]; WANG QIANG [US]; LU PATRICK Y [US]; YANG HARRY HONGJUN [US]	A61K49/08	Rare earth-doped up-conversion nanoparticles for therapeutic and diagnostic applications
CA2769275 A1 20110203	GB20090013255 20090730; WO2010GB01456 20100730	SISAF LTD [GB]	A61K8/25; A61K9/51	A delivery system comprising a silicon-containing material
WO2011023342 A1 20110303	US20090236633P 20090825	SNS NANO FIBER TECHNOLOGY LLC [US]; LADEMAN JUERGEN [DE]; FRAZIER LAURA M [US]; KATAPHINAN WORAPHON [US]	A61F13/02; A61L15/60	Textile composite material for decontaminating the skin
KR20110068323 A 20110622	KR20090125211 20091216	SNU R&DB FOUNDATION [KR]	A61K49/18; A61K49/06	Magnetic resonance imaging t2 contrast agent for cellular level imaging, and method for preparing the same

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
KR20110063995 A 20110615	KR20090120400 20091207	SNU R&DB FOUNDATION [KR]	G01N33/68; C12N5/0735; C12Q1/68; G01N33/53	Compositions for analyzing pluripotency of porcine embryonic stem cell
KR20110059954 A 20110608	KR20090116408 20091130	SNU R&DB FOUNDATION [KR]	A61L27/30; A61F2/28; A61L27/12	Bio-implantable devices and surface reforming method thereof
WO2011071289 A2 20110616	KR20090121751 20091209	SNU R&DB FOUNDATION [KR]; KIM JUNG WOOK [KR]; LEE SEUNG PYO [KR]; KIM TAE IL [KR]; LEE HAE HYOUNG [KR]; YI WON JIN [KR]; KIM HAE WON [KR]	A61C8/00; A61L27/12; A61L27/14; A61L27/38	Absorbable material, and implant fixture and implant using same
WO2011019211 A2 20110217	KR20090074161 20090812	SNU R&DB FOUNDATION [KR]; PARK YOUNG HWAN [KR]; KI CHANG SEOK [KR]; KIM HYUN JEUNG [KR]; PARK SOOK YOUNG [KR]	A61F2/02	Silk nanofiber nerve conduit and method for producing thereof
KR20110040389 A 20110420	KR20090097627 20091014	SNU R&DB FOUNDATION [KR]; REPUBLIC KOREA MAN RURAL DEV [KR]	A61L27/14; A61F2/28; A61L27/32	Preparation method of silk/hydroxyapatite hybrid nanofiber scaffold for bone regeneration
KR20110040388 A 20110420	KR20090097626 20091014	SNU R&DB FOUNDATION [KR]; REPUBLIC KOREA MAN RURAL DEV [KR]	A61L27/32; A61F2/28	Silk/hydroxyapatite hybrid nanofiber scaffold for bone regeneration
KR20110049724 A 20110512	KR20090105510 20091103	SNU R&DB FOUNDATION [KR]; UNIV KOREA RES & BUS FOUND [KR]	C07K14/47; A61K47/48; A61P35/00; C07K17/14	Complex of zinc oxide nanoparticle and protein comprising zinc oxide-binding peptide, and use thereof

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011150954 A1 20110623	US201113039564 20110303; US20050549148 20050913; WO2004IL00236 20040311; US20030454303P 20030314	SOL GEL TECHNOLOGIES LTD [IL]	A61K8/02; A23L1/27; A61K8/04; A61K8/11; A61K9/14; A61K9/16; A61K9/50; A61K9/51; A61Q1/02; A61Q11/00; B05D3/10; B05D5/06; B05D7/00; C09B67/08	Agent-encapsulating micro-and nanoparticles, methods for preparation of same and products containing same
EP2285349 A1 20110223	WO2009EP55779 20090513; EP20080156434 20080519; EP20090749747 20090513	SOLUVENTIS UG [DE]	A61K9/107; A61K9/48; A61K38/40	Perfluorcarbon nanoemulsions with endocytosis enhancing surface for gene-transfer
US2011066228 A1 20110317	US20100951712 20101122; EP20010830699 20011113; US20050249970 20051013; US20020279739 20021024	SORIN BIOMEDICA CARDIO SRL [IT]	A61F2/82; A61K9/00; A61L31/16	Carrier and kit for intraluminal delivery of active principles or agents
US2011081410 A1 20110407	JP20050188605 20050628; WO2006JP312570 20060623	ST MARIANNA UNIVERSITY SCHOOL OF MEDICINE [JP]	A61K9/48; A61K31/07; A61K31/203; A61P19/02; A61P29/00	Therapeutic agent for local inflammation
US2011009949 A1 20110113	US20100888305 20100922; US20070940158 20071114	STANKUS JOHN [US]; HOSSAINY SYED F A [US]; WAN JINPING [US]	A61F2/82	Nanoparticle loaded electrospun implants or coatings for drug release

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011150737 A1 20110623	US20100928185 20101206; US20040592913 20040315; WO2004CH00151 20040315	STARK WENDELIN JAN [CH]; PRATSINIS SOTIRIS- EMMANUEL [CH]; MACIEJEWSKI MAREK [CH]; LOHER STEFAN FRIDOLIN [CH]; BAIKER ALFONS [CH]	C01B25/32; A61L27/12; C01B13/34; C01B17/96; C01B25/455; C01F11/18; C01F11/46; C01G1/00; C01G1/02	Flame synthesis of metal salt nanoparticles, in particular calcium and phosphate comprising nanoparticles
US2011045081 A1 20110224	WO2007IB54169 20071012	STEITZ BENEDIKT [CH]; FINK ALKE [CH]; SALAKLANG JATUPORN [CH]; FINKA ANDRIJA [CH]; HOFMANN HEINRICH [CH]	A61K9/14; C07K1/14; C12N5/071; C12N13/00; C40B30/00; C40B50/00; G01N33/53; H01F1/00	Magnetic, paramagnetic and/or superparamagnetic nanoparticles
US2011056845 A1 20110310	US20090864172 20090123; US20080006635P 20080124; WO2009US31754 20090123	STELLACCI FRANCESCO [US]; BARSOTTI JR J ROBERT [US]; HUIJUAN ZHANG [SG]; THONG JOHN [SG]	G01N27/26; B05D5/12; C12N13/00; G01R27/08	Insulated nanogap devices and methods of use thereof
GB2476425 A 20110622	WO2008IN00816 20081205; IN2008CH02601 20081024	STEMPEUTICS RES PRIVATE LTD [IN]	C12N5/0735; A61K33/24; C01G7/00; C12N5/02	Gold nanoparticle, a composition and a method to perpetuate stemness thereof
WO2011073194 A2 20110623	EP20090179258 20091215	STRAUMANN HOLDING AG [CH]; LYNGSTADAAS S PETTER [NO]; HAUGEN HAAVARD J [NO]	A61K8/04; A61K8/22; A61K8/29; A61Q11/00; A61Q11/02	Debridement paste
US2011059444 A1 20110310	US20080678171 20080917; US20070972918P 20070917; WO2008IB53789 20080917	STROEMBERG MATTIAS [SE]; GOERANSSON JENNY [SE]; GUNNARSSON KLAS [SE]; NILSSON MATS [SE]; SVEDLINDH PETER [SE]; STROEMME MARIA [SE]	C12Q1/68; C12M1/34	Magnetic detection of small entities

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011159056 A1 20110630	US201113044770 20110310; US20080968393 20080102; US20070883081P 20070102	SUGAYA KIMINOBU [US]; SEAL SUDIPTA [US]	A61K35/12; A61K9/14; A61K33/24; A61P25/28; C12N5/02	Methods and materials for stimulating proliferation of stem cells
US2011104261 A1 20110505	US20110987028 20110107; US20040888794 20040709; US20030486080P 20030709	SUTTER WEST BAY HOSPITALS; CALIFORNIA PACIFIC MED CENTER	A61K9/127; A61K49/00; A61K49/18; G01N33/53	Remote detection of substance delivery to cells
CN102106787 A 20110629	CN20111034059 20110131	SUYING SHAO	A61K8/19; A61K8/86; A61Q19/10	Healthcare hand sanitizer
CN102031260 A 20110427	CN20101260249 20100824	SUZHOU SIRNAOMICS BIOPHARMACEUTICALS CO LTD	C12N15/113; A61K48/00; A61P17/02	Short interfering ribonucleic acid (sirna) for promoting scarless healing of skin wounds and application thereof
CN101961494 A 20110202	CN20101291079 20100926	SUZHOU TONGKE BIOMATERIAL CO LTD	A61K47/34; A61K9/14; A61P35/00	Star polymer nano-medicament carrier preparation used for intracellular medicament delivery and preparation method thereof
CN102100740 A 20110622	CN20091263197 20091217	SUZHOU ZHIWEITANG BIOTECH CO LTD; HONGSHU YANG	A61K36/537; A61K9/00; A61K31/045; A61P9/10	Technology for preparing integrated novel formulation of compound root of red-rooted salvia formula and production method thereof
CN102100769 A 20110622	CN20091263195 20091217	SUZHOU ZHIWEITANG BIOTECH CO LTD; HONGSHU YANG	A61K36/736; A61K9/00; A61K9/02; A61K9/08; A61K9/10; A61K9/12; A61K9/14; A61K9/16; A61K9/20; A61K9/22; A61K9/48; A61K9/70; A61P11/00	Preparation technique for ephedra and bighead atractylodes rhizome decoction in novel formed formulation and production method thereof



<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN102100732 A 20110622	CN20091263185 20091217	SUZHOU ZHIWEITANG BIOTECH CO LTD; HONGSHU YANG	A61K36/484; A61K9/00; A61K9/02; A61K9/08; A61K9/10; A61K9/12; A61K9/14; A61K9/16; A61K9/20; A61K9/22; A61K9/48; A61K9/70; A61P1/04	Preparation technology and production method of integrated sijunzi decoction novel dosage form
CN102100896 A 20110622	CN20091263184 20091217	SUZHOU ZHIWEITANG BIOTECH CO LTD; HONGSHU YANG	A61K36/9068; A61K9/00; A61P1/00; A61P1/04; A61P1/12; A61P31/04	Preparation technology and production method of integrated coptis regulating decoction novel dosage form
CN102100892 A 20110622	CN20091263177 20091217	SUZHOU ZHIWEITANG BIOTECH CO LTD; HONGSHU YANG	A61K36/9068; A61K9/00; A61K31/7016; A61P1/04; A61P1/16; A61P7/06; A61P25/20; A61P29/00; A61P31/06; A61P35/00; A61P35/02	Preparation technology and production method of integrated xiaojianzhong decoction novel dosage form
CN102100768 A 20110622	CN20091263174 20091217	SUZHOU ZHIWEITANG BIOTECH CO LTD; HONGSHU YANG	A61K36/736; A61K9/00; A61P11/06; A61P19/02; A61P19/04; A61P29/00; A61P31/16	Preparation technique for ephedra decoction in novel formed formulation and production method thereof
CN102100852 A 20110622	CN20091263166 20091217	SUZHOU ZHIWEITANG BIOTECH CO LTD; HONGSHU YANG	A61K36/899; A61K9/00; A61K33/06; A61P1/00; A61P1/02; A61P11/00; A61P11/04; A61P17/00; A61P19/02; A61P25/00; A61P29/00	Preparation technology and production method of integrated baihu decoction novel dosage form

Publicação (número e data)	Prioridade	Depositante	CIP	Título
CN102100756 A 20110622	CN20091263163 20091217	SUZHOU ZHIWEITANG BIOTECH CO LTD; HONGSHU YANG	A61K36/714; A61K9/00; A61K9/02; A61K9/08; A61K9/10; A61K9/12; A61K9/14; A61K9/16; A61K9/20; A61K9/22; A61K9/48; A61K9/70; A61P1/00; A61P1/16; A61P1/18; A61P13/04; A61P13/12; A61P25/02	Preparation technology of integrated rhubarb and aconite decoction novel dosage form
CN102100755 A 20110622	CN20091263162 20091217	SUZHOU ZHIWEITANG BIOTECH CO LTD; HONGSHU YANG	A61K36/714; A61K9/00; A61P9/00; A61P9/02; A61P9/06; A61P9/12; A61P11/00; A61P11/02; A61P13/12; A61P21/04; A61P29/00; A61P31/04; A61P37/08; A61P39/00; A61P43/00	Preparation technology of integrated ephedra, aconite and asarum decoction novel dosage form
CN102100785 A 20110622	CN20091263160 20091217	SUZHOU ZHIWEITANG BIOTECH CO LTD; HONGSHU YANG	A61K36/752; A61K9/00; A61P1/00; A61P1/04; A61P1/10; A61P1/16; A61P9/00; A61P11/00; A61P31/04	Preparation technique for xiao chengqi decoction in a novel formed formulation and production method thereof
CN102100885 A 20110622	CN20091263157 20091217	SUZHOU ZHIWEITANG BIOTECH CO LTD; HONGSHU YANG	A61K36/9068; A61P1/00; A61P1/16; A61P11/00; A61P13/12; A61P15/00; A61P29/00; A61P31/06; A61P33/06; A61P35/00; A61P37/02	Preparation technology and production method of integrated minor bupleurum decoction novel dosage form
CN102061335 A 20110518	CN20101544306 20101115	SUZHOU ZHONGXIN BIOTECHNOLOGY CO LTD	C12Q1/68	Asymmetric deoxyribose nucleic acid (dna) artificial adapters by using second-generation high-throughput sequencing technology and application thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011052652 A1 20110303	BR2005PI05479 20051111; WO2006BR00247 20061113	SUZUKI HENRY JUN [BR]; ALARIO JUNIOR DANTE [BR]	A61K9/14; A61K9/00; A61K9/20; A61K9/51; A61P31/00; B29B9/08; B29C35/16	Solid pharmaceutical composition comprising agglomerated nanoparticles and a process for producing the same
WO2011073697 A1 20110623	WO2009HU00106 20091216	SZEGEDI SZEFO ZRT [HU]; KISS SANDOR CSABA [HU]; KIRICSI IMRE [HU]; KONYA ZOLTAN [HU]; VARGA ZITA [HU]	D06M11/83; A01N55/02; A61L2/238; D06M13/02; D06M13/188; D06M13/203; D06M15/227; D06M16/00; D06M23/08	Method for producing antibacterial fabrics
US2011020953 A1 20110127	US20100844708 20100727; US20080231426 20080902; US20060513503 20060831; US20050713176P 20050831	T2 BIOSYSTEMS INC [US]	G01N33/553; C12M1/34; G01N30/00	Nmr device for detection of analytes
EP2295538 A1 20110316	WO2009JP62364 20090707; JP20080177155 20080707; JP20080230040 20080908; JP20080262861 20081009; JP20090010214 20090120; JP20090050694 20090304	TAKARA BIO INC [JP]	C12N5/07; C12N5/10; C12N15/09	Method for production of pluripotent stem cell

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011014118 A1 20110120	US20100843504 20100726; US20080235342 20080922; US20070974310P 20070921; US20070981920P 20071023; US20080069108P 20080312; US20080069905P 20080319; US20080040022P 20080327; US20080124290P 20080415; US20080123796P 20080411; US20080126899P 20080508; US20090	TAMARKIN LAWRENCE [US]; PACCIOTTI GIULIO F [US]; HUHTA MARJA S [US]	A61K51/02; A61K9/127; A61K31/785; A61K38/19; A61P35/00	Nanotherapeutic colloidal metal compositions and methods
WO2011036722 A1 20110331	WO2009JP04863 20090925	TANAKA HIROYUKI [JP]; WAKAMURA TSUNEKICHI [JP]; TATEFUJI TOMOKI [JP]	C12N5/078	Enhancer of nk activity and use thereof
US2011098591 A1 20110428	US20090994177 20090527; US20080056841P 20080529; WO2009IL00532 20090527	TECHNION RES & DEV FOUNDATION [IL]	A61B5/08	Carbon nanotube structures in sensor apparatuses for analyzing biomarkers in breath samples

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011038942 A1 20110217	US20090989384 20090426; US20080047440P 20080424; WO2009IL00446 20090426	TECHNION RES & DEV FOUNDATION [IL]	A61K9/14; A23L1/30; A23L1/302; A23L1/303; A23L1/305; A61K47/42; A61P3/02; A61P39/06	Beta-lactoglobulin-polysaccharide nanoparticles for hydrophobic bioactive compounds
US2011098223 A1 20110428	FR20080002220 20080421; WO2009FR00439 20090415	TEMSAMANI JAMAL [FR]; LARUELLE CLAUDE [FR]	A61K38/08; A61P1/00; A61P17/06; A61P19/00; A61P25/00; C07K7/00	Use of the pat nanopeptide in the treatment of autoimmune diseases
FR2952648 A1 20110520	FR20090005511 20091117	THALES SA [FR]	C12N13/00; A61K48/00; A61N1/30; C12N15/87	In vitro poration of cells contained in substrate comprises contacting substrate with nanotubes and macromolecules of medicament including nucleic acids in cells and applying electromagnetic field
US7917296 B1 20110329	US20000191026 20000510; US19990133521P 19990510; US19990142809P 19990708	THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE ARMY [US]	G01N33/48	Protein switches incorporating cytochrome c, cytochrome c3 and bovine serum albumen (bsa) monolayers and method for producing same
EP2313108 A2 20110427	WO2009US49131 20090629; US20080076963P 20080630	THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE ARMY [US]; LANAR DAVID [US]; BURKHARD PETER [US]	A61K39/38; A61K39/015	Malaria vaccine of self-assembling polypeptide nanoparticles
WO2011034412 A1 20110324	WO2009MY00148 20090917	THO YEE KONG [MY]	A47G33/00; A61L9/01; A61Q13/00	Joss stick

Publicação (número e data)	Prioridade	Depositante	CIP	Título
CA2774750 A1 20110331	EP20090170916 20090922; WO2010EP63930 20100922	TIBOTEC PHARM LTD [IE]	A61K9/51; A61K9/08; A61K31/352; A61P31/18	Treatment and prevention of hiv infection
US2011027375 A1 20110203	FR20070058348 20071016; WO2008FR51860 20081014	TILLEMENT OLIVIER [FR]; ROUX STEPHANE [FR]; PERRIAT PASCAL [FR]; LEDUC GERALDINE [FR]; MANDON CELINE [FR]; MUTELET BRICE [FR]; ALRIC CHRISTOPHE [FR]; BILLOTEY CLAIRE [FR]; JANIER MARC [FR]; LOUIS CEDRIC [FR]	A61K9/14; A61K33/24; A61P35/00	Use of lanthanide-based nanoparticles as radiosensitizing agents
US2011118827 A1 20110519	US201113014750 20110127; US20070843528 20070822; US20080209104 20080911; US20050144917 20050606; US20060823168P 20060822; US20100368838P 20100729; US201061427141P 20101224	TIM WU DR [US]	A61F2/82; B29C47/20	Biodegradable stent formed with polymer- bioceramic nanoparticle composite and method of making the same
CN102070171 A 20110525	CN20101252878 20100813	TING LIU; GEWEN ZHANG; YIMING TAO	C01F11/18; B82B3/00; C12N15/63	Method for preparing gene transfer carrier nanometer calcium carbonate

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
JP2011094149 A 20110512	JP20040074238 20040316; JP20100274234 20101209	TORAY INDUSTRIES	C08L101/12; A61K8/02; A61K8/06; A61K8/81; A61K8/84; A61K8/85; A61K8/87; A61K8/88; C09D7/12; C09D201/00	Blended solution, emulsion or gel, and manufacturing method thereof
EP2319495 A2 20110511	EP20050751008 20050113; US20040536281P 20040113; US20050033489 20050111	TRUSTEES OF THE UNIVERSITY OF ILLINOIS BOARD OF [US]	A61K9/14; C07K14/00; C07K14/435; C07K14/47; C07K14/775	Membrane scaffold proteins
WO2011011347 A2 20110127	US20090227254P 20090721	TUFTS COLLEGE [US]; KAPLAN DAVID L [US]; WANG XIAOQIN [US]; SERBAN MONICA A [US]	C07K14/435; A61K47/48; C07K19/00	Functionalization of silk material by avidin-biotin interaction
US2011059023 A1 20110310	US20090933145 20090319; US20080069904P 20080319; US20080201627P 20081212; WO2009US01736 20090319	TUNNELL JAMES W [US]; SCHWARTZ JON A [US]; PARK JAESOOK [KR]; PUVANAKRISHNAN PRIYAVEENA [US]; PAYNE J DONALD [US]	A61K49/00; A61B6/00; A61P35/00; C12M1/34; G01N21/00	Narrowband imaging using near-infrared absorbing nanoparticles
US2011086415 A1 20110414	US20090578941 20091014	TUSTISON RANDAL W [US]; TUCCI JR VINCENT B [US]; IMHOLT JIYUN [US]; HERDON MARY [US]	C12N7/00; B01J19/00; D03D19/00; G01N21/00	Electrospun fiber pre-concentrator
US2011059172 A1 20110310	US20090865094 20090128; US20080024451P 20080129; WO2009US32263 20090128	TZIANABOS ARTHUR [US]; HEARTLEIN MICHAEL W [US]	A61K38/43; A61K9/00; A61K9/14; A61K38/16; A61K38/46; A61K38/47; A61P1/16; A61P19/00; A61P21/00; A61P25/00	Therapeutic compositions

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011052673 A1 20110303	US20090865099 20090128; US20080024477P 20080129; WO2009US32239 20090128	TZIANABOS ARTHUR [US]; HEARTLEIN MICHAEL W [US]	A61K38/45; A61K9/127; A61K38/46; A61K38/47; A61P43/00	Therapeutic compositions
US2011150988 A1 20110623	US201113039389 20110303; US20090507821 20090723; US20070671757 20070206; US20060771003P 20060207	U S NUTRACEUTICALS LLC D B A VALENSA INTERNAT [US]	A61K31/715; A61K9/14; A61K9/20; A61K9/48; A61K31/045; A61K31/05; A61K31/355; A61K31/56; A61P3/06	Dietary supplement composition for blood lipid health
RU2411935 C1 20110220	RU20090131864 20090825	UCHREZH DENIE ROSSIJSKOJ AKADEMII MED NAUK NII BIOMEDITSINSKOJ KHM IM V N OREKHOVICH A RAMN IBMKH RAM [RU]	A61K9/127; A61K31/685; A61K31/704; A61P35/00	Pharmaceutical composition based on doxorubicine and phospholipid nanoparticles for treatment of oncologic diseases
RU2417079 C1 20110427	RU20090139992 20091030	UCHREZH DENIE ROSSIJSKOJ AKADEMII MED NAUK NII BIOMEDITSINSKOJ KHM IM V N OREKHOVICH A RAMN IBMKH RAM [RU]	A61K9/127; A61K31/405; A61P29/00	Pharmaceutical composition of indometacin included in phospholipid nanoparticles for treating rheumatic and inflammatory diseases
RU2009145189 A 20110620	RU20090145189 20091208	UCHREZH DENIE ROSSIJSKOJ AKADEMII NAUK INST BIOKHM I FIZIOL RASTENIJ I MIKROORGANIZMOV RAN IBFRM RAN [RU]	B82B3/00; C12Q1/00	Method of colorimetric detection of oligonucleotides with application of cation gold nanospheres



Publicação (número e data)	Prioridade	Depositante	CIP	Título
RU2009139753 A 20110510	RU20090139753 20091028	UCHREZHDENIE ROSSIJSKOJ AKADEMII NAUK INST NEFTEKHIMICHESKOGO SINTEZA IM A V TOPCHIEVA RAN INKHS RAN [RU]; ROSSIJSKAJA FEDERATSIJA OT IM KOTOROJ VYSTUPAET MIN OBRAZOVANIJA I NAUKI RF [RU]	A61K31/155; B82B3/00	Nanocomposite polymer material, production method thereof and disinfectant based on said material
RU2416389 C1 20110420	RU20090139194 20091026	UCHREZHDENIE ROSSIJSKOJ AKADEMII NAUK INST SINT POLIMERNYKH MATERIALOV IM N S ENIKOLOPOVA RAN ISPM R [RU]; OOO LAB TOSKANI [RU]	A61K8/00; B82B3/00; C08B37/08; C08L5/08	Solid-phase method of producing bioactive nanocomposite
CN101978072 A 20110216	WO2009US31011 20090114; US20080008861 20080114; US20080118939P 20081201	ULTRAPID NANODIAGNOSTICS INC	C12Q1/68	Rapid test including genetic sequence probe
US2011123621 A1 20110526	US20100901390 20101008; US20060581049 20061013	ULURU INC	A61K9/14; A61K31/765; A61P17/02	Hydrogel wound dressing and biomaterials formed in situ and their uses

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011064825 A1 20110317	US20090811985 20090109; US20080010515P 20080109; US20080065060P 20080209; WO2009US00130 20090109	UMICORE AG & CO KG [DE]	B22F9/24; A61K33/24; A61K33/38; B01J31/02; C09D105/00; C22C5/02; C22C5/04; C22C5/06; H01B1/02	Method for preparing dispersions of precious metal nanoparticles and for isolating such nanoparticles from said dispersions
US2011123589 A1 20110526	IT2008PD00220 20080723; WO2009EP59432 20090722	UNI DEGIL STUDI DI TRIESTE [IT]	A01N59/16; A01N25/10; A01N59/20; A01P1/00; A61K9/10; A61K33/24; A61K33/30; A61K33/34; A61K33/38; A61P31/00	Three-dimensional nanocomposite materials consisting of a polysaccharidic matrix and metallic nanoparticles, preparation and use thereof
MX2011001882 A 20110325	GB20080014953 20080818; WO2009EP59546 20090724	UNILEVER NV [NL]	A61K9/16; A61K31/00	Improvements relating to nanodisperse compositions.
EP2295045 A1 20110316	EP20070764504 20070706; US20060819209P 20060707	UNIV AARHUS [DK]	A61K9/51; A61K47/36	Nanoparticles for nucleic acid delivery
US2011033547 A1 20110210	DK20070001004 20070706; WO2008DK50171 20080704	UNIV AARHUS [DK]	A61K9/14; A61K31/713; A61K38/40; A61K39/395; C12N15/11	Dehydrated chitosan nanoparticles
CN101955910 A 20110126	CN20101138753 20100331	UNIV ANHUI AGRICULTURE	C12N5/073; C12N7/01; C12N15/62; C12N15/867	Method for inducing porcine induced pluripotent stem cells
WO2011049750 A1 20110428	US20090253389P 20091020	UNIV ARIZONA [US]; CHANG YUNG [US]; YAN HAO [US]	C12N15/115	Multifunctional aptamer-nucleic acid nanostructures for tumor-targeted killing

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
WO2011031720 A1 20110317	US20090241490P 20090911	UNIV ARIZONA [US]; SIERKS MICHAEL [US]; BODDAPATI SHANTA [US]; KASTURIRANGAN SRINATH [US]	A61K39/395; C07K16/00	Bispecific nanobodies as a therapeutic for alzheimer's disease
US2011117028 A1 20110519	US20100945576 20101112; US20080334217 20081212; US20070013543P 20071213	UNIV ARKANSAS [US]	A61B5/055; A61B5/05	Device and method for in vivo noninvasive magnetic manipulation of circulating objects in bioflows
CN102065906 A 20110518	WO2009AU00508 20090423; AU20080902063 20080424	UNIV AUSTRALIAN [AU]	A61K51/06; A61K49/12; A61K49/14; A61K49/16; A61K51/08; A61K51/10; A61P35/00	Methods for radiolabelling macromolecules
CN102065905 A 20110518	WO2009AU00509 20090423; AU20080902064 20080424	UNIV AUSTRALIAN [AU]	A61K51/02; A61K49/08; A61P25/00	Methods for radiolabelling synthetic polymers
US2011002847 A1 20110106	AU20050902180 20050429; WO2006AU00554 20060428	UNIV AUSTRALIAN [AU]	A61K51/04	Method of forming an injectable radioactive composition of a carbon encapsulated radioactive particulate
EP2294260 A1 20110316	WO2009IL00645 20090629; US20080129472P 20080630	UNIV BAR ILAN [IL]	D06M16/00; A61L2/00; D06M10/02; D06M11/42; D06M11/44; D06P1/00	Sonochemical coating of textiles with metal oxide nanoparticles for antimicrobial fabrics
CN102020765 A 20110420	CN20101537223 20101105	UNIV BEIJING TECHNOLOGY	C08G63/685; A61K31/704; A61K47/34; A61P35/00; B82Y40/00; C08G63/08; C08G73/10	Preparation methods of poly (aspartic acid-co- lactic acid) graft polymer and nanoparticles of poly (aspartic acid-co-lactic acid) graft polymer

Publicação (número e data)	Prioridade	Depositante	CIP	Título
EP2288348 A1 20110302	WO2009EP03614 20090520; EP20080009414 20080521; EP20090749632 20090520	UNIV BERLIN FREIE [DE]; CHARITE UNIVERSITAETSMEDIZIN [DE]	A61K31/185; A61K33/24; A61K47/48; A61P17/06; A61P37/00	Nanoparticles functionalized with sulfated amino alcohols for the inhibition of selectin-mediated cell adhesion
EP2296707 A2 20110323	WO2009EP03803 20090522; EP20080156816 20080523; EP20090749660 20090522	UNIV BERLIN FREIE [DE]; UNIV RAMOT [IL]	A61K47/18; C07C217/04; C07C271/20	Compounds suited as nanocarriers for active agents and their use
US2011021894 A1 20110127	US20100894792 20100930; WO2009US39087 20090401; US20080072716P 20080401	UNIV BOSTON [US]	A61B5/1468; G01N27/26	Glucose sensor employing semiconductor nanoelectronic device
WO2011028494 A2 20110310	US20090236187P 20090824	UNIV BOSTON [US]; MELLER AMIT [US]; FRANK-KAMENETSKII MAXIM [US]; WANUNU MENI [US]; KUHN HEIKO [US]; SINGER ALON [US]; MORRISON WILL [US]	C12Q1/68; C12N15/11	Label-free sensing of pna-dna complexes using nanopores
WO2011017077 A2 20110210	US20090228840P 20090727; US20090228844P 20090727; US20090228846P 20090727	UNIV BOSTON [US]; MOHANTY PRITIRAJ [US]; ERRAMILLI SHYAMSUNDER [US]; CHEN YU [US]; HONG MI K [US]	G01N27/414; C12Q1/68; G01N27/416; G01N33/48	Nanochannel-based sensor system with controlled sensitivity

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
EP2282724 A2 20110216	WO2009IB06532 20090526; US20080055929P 20080523	UNIV BRITISH COLUMBIA [CA]	A61K9/127; A61K31/337; A61K45/00	Modified drugs for use in liposomal nanoparticles
US2011125263 A1 20110526	US20080674852 20080822; US20070957726P 20070824; WO2008US73963 20080822	UNIV BROWN [US]	A61F2/02; C25D5/34	Method for producing nanostructures on a surface of a medical implant
WO2011031478 A1 20110317	US20090237526P 20090827	UNIV BROWN [US]; XU CHENJIE [US]; SUN SHOUHENG [US]	A61K33/24	Fe <sub>3</sub> O <sub>4</sub> -m(au-like)-nanoparticles for antibody-conserving target-specific platin delivery
US2011135744 A1 20110609	US20100958738 20101202; US20090266295P 20091203	UNIV CALIFORNIA [US]	A61K9/14; A61K31/745; A61P1/00; A61P11/00; A61P11/06; A61P15/02; A61P29/00; B32B5/16; C08F112/08	Nanoparticle based therapy for dispersing mucin
US2011135742 A1 20110609	US20070303166 20070619; US20060815286P 20060620; WO2007US71580 20070619	UNIV CALIFORNIA [US]	A61K31/722; A61K9/14; A61K31/122; A61K31/7036; A61K31/7056; A61K33/00; A61K38/16; A61K38/39; A61P17/00; A61P29/00; A61P31/00	Controlled release encapsulated anti-bacterial and anti-inflammatory nanoparticles
US2011117648 A1 20110519	US20080667594 20080725; US20080082028P 20080718; US20070952183P 20070726; WO2008US09090 20080725	UNIV CALIFORNIA [US]	C12N5/071; A61M25/00; C12M1/02; C12M1/26	Single cell surgery tool and a cell transfection device utilizing the photothermal properties of thin films and/or metal nanoparticles

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011159070 A1 20110630	US20090997689 20090702; US20080078141P 20080703; US20080087957P 20080811; WO2009US49523 20090702	UNIV CALIFORNIA [US]	A61L27/54; A61K9/00; A61K9/127; A61K9/70; A61K31/7088; A61K35/12; A61K38/02; A61K38/18; A61K38/22; A61K48/00; A61L27/38; A61P19/04; A61P19/08; A61P43/00; B23K15/00; B23K26/20; B23K31/02; C12N5/077; C23F1/04; H05B6/02	Biomaterials and implants for enhanced cartilage formation, and methods for making and using them
US2011085968 A1 20110414	US20100900249 20101007; US20090251135P 20091013	UNIV CALIFORNIA [US]	A61F2/00; A61K35/12; A61K39/395; A61K49/00; A61K51/00; A61P19/00	Articles comprising nano-materials for geometry-guided stem cell differentiation and enhanced bone growth
US2011052671 A1 20110303	US20090863010 20090130; US20080024690P 20080130; WO2009US32534 20090130	UNIV CALIFORNIA [US]	A61K9/127; A61K9/133; A61K9/14; A61K39/44	Near infra-red pulsed laser triggered drug release from hollow nanoshell disrupted vesicles and vesosomes
EP2287614 A1 20110223	EP20090014899 20000228; EP20000915944 20000228; US19990259982 19990301	UNIV CALIFORNIA [US]	G01N21/64; G01N33/58; C12Q1/68; G01N33/533; G01N33/542; G01N33/543; G01Q70/08; G01Q70/18	Semiconductor nanocrystal probes for biological applications
WO2011038117 A2 20110331	US20090244886P 20090923	UNIV CALIFORNIA [US]; ALMUTAIRI ADAH [US]; FOMINA NADEZDA [US]; SANKARANARAYANAN JAGADIS [US]	A61K47/22	Chemically amplified response strategies for medical sciences

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
WO2011017382 A2 20110210	US20090230924P 20090803; US20100316325P 20100322	UNIV CALIFORNIA [US]; CHIEN MIAO-PING [US]; GIANNESCHI NATHAN C [US]	B01J13/00; A61K47/30; C08J3/02; C12N9/14; C12N15/11	Nanofibers and morphology shifting micelles
WO2011050000 A2 20110428	US20090279408P 20091020	UNIV CALIFORNIA [US]; MESSMER BRADLEY T [US]	C12N15/11; A61K9/127; A61K9/51; A61K31/7088; A61K48/00; A61P35/00; C12Q1/68	Single molecule nucleic acid nanoparticles
WO2011047386 A1 20110421	US20090252711P 20091018	UNIV CALIFORNIA [US]; XU TING [US]; ZHAO YUE [US]; THORKELSSON KARI [US]	C12Q1/68; G01N33/53; G01N33/543	Direct hierarchical assembly of nanoparticles
CN102008733 A 20110413	CN20101564447 20101124	UNIV CAPITAL MEDICAL	A61K47/48; A61K31/337; A61K31/519; A61K31/704; A61P35/00	Anti-tumor controlled release nanocomposite and preparation method thereof
US2011064674 A1 20110317	US20090994150 20090521; US20080128332P 20080521; WO2009US44917 20090521	UNIV CARNEGIE MELLON [US]	A61K49/18; A61P43/00; B05D1/36; B05D3/00; B32B1/00; C12Q1/00	Luminescent multimodal nanoparticle probe system and method of manufacture thereof
WO2011063264 A1 20110526	US20090263213P 20091120	UNIV CHICAGO [US]; COLLIER JOEL H [US]	A61K47/42	Methods and compositions related to immunogenic fibrils
CN102028933 A 20110427	CN20101548142 20101118	UNIV CHINA PHARMA	A61K38/12; A61K9/00; A61K9/127; A61K9/14; A61P31/04	Medicinal composition containing lipid material nocathiacin antibiotic
KR20110050338 A 20110513	KR20090107234 20091106	UNIV CHUNG ANG IND [KR]	A61K48/00; A61K31/7088; A61K33/24; C12N15/11	Nanoparticle-based gene delivery systems
KR20110012107 A 20110209	KR20090069669 20090729	UNIV CHUNG ANG IND [KR]	C12Q1/34; G01N33/52	Real-time screening method of protease or its inhibitors activity using unmodified gold nanoparticles

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
WO2011055888 A1 20110512	KR20090107234 20091106; KR20100024120 20100318	UNIV CHUNG ANG IND [KR]; HAN MIN SU [KR]; LEE KANGSEOK [KR]; KIM DONG-EUN [KR]	A61K48/00; A61K9/14; A61K9/16; A61K31/7105; A61K38/16	Nanoparticle-based gene delivery systems
KR20110035136 A 20110406	KR20090092714 20090929	UNIV CHUNG ANG IND [KR]; SNU R&DB FOUNDATION [KR]	A61K49/06; A61K49/12; A61K49/18; A61P43/00	Emboli comprising superparamagnetic iron oxide nanoparticles (spios)-embbded microparticulates and preparation method thereof
KR20110035134 A 20110406	KR20090092712 20090929	UNIV CHUNG ANG IND [KR]; SNU R&DB FOUNDATION [KR]	B01J13/08; A61K49/06; B82B3/00	Preparation method for superparamagnetic iron oxide nanoparticles (spios)-loaded polymeric microspheres
KR20110057796 A 20110601	KR20090114352 20091125	UNIV CHUNGJU NAT IND ACAD COOP [KR]; DONGWOO SYNTECH CO LTD [KR]; IAC IN NAT UNIV CHUNGNAM [KR]	A61K47/36; A61K31/203; A61K47/12; A61P35/00	Anti-tumor drug delivery systems of ternary biomolecular nanoparticles of folate receptor conjugated heparin
US2011111019 A1 20110512	FR20080052648 20080418; WO2009FR50680 20090414	UNIV CLAUDE BERNARD LYON [FR]	A61K9/51	Novel method for producing nanocapsules in the absence of an organic solvent, and nanocapsules produced thereby



Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011066242 A1 20110317	US20100806912 20100824; US20090583072 20090812; WO2008US01889 20080212; WO2008US07323 20080611; WO2008US07357 20080611; US20070901047P 20070212; US20070905649P 20070307; US20070934198P 20070611; US20070934182P 20070611; US20090215085P 20090501	UNIV COLUMBIA [US]	A61F2/08; A61F2/02	Biomimetic nanofiber scaffold for soft tissue and soft tissue-to-bone repair, augmentation and replacement
US2011015739 A1 20110120	US20080810468 20081229; US20070017070P 20071227; US20080109819P 20081030; WO2008US88486 20081229	UNIV COLUMBIA [US]	A61F2/10	Systems and methods for forming patterned extracellular matrix materials
EP2268222 A2 20110105	WO2009US39652 20090406; US20080043472P 20080409	UNIV CORNELL [US]	A61B18/18; A61N5/02	Nanoparticle-mediated microwave treatment methods

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011129536 A1 20110602	IT2008PD00219 20080723; WO2009EP59430 20090722	UNIV DEGLI STUDI TRIESTE [IT]	A61K9/14; A61K33/24; A61K33/34; A61K33/38; A61P31/00; C09D105/08; G01N33/00	Nanocomposite materials based on metallic nanoparticles stabilized with branched polysaccharides
WO2011070529 A2 20110616	PT20090104879 20091210	UNIV DO MINHO [PT]; PORTELA DA GAMA FRANCISCO MIGUEL [PT]; MAIO MOLINOS MARIA CABRAL [PT]	A61L27/20	Dextrin hydrogel for biomedical applications
CN101987202 A 20110323	CN20101543835 20101115	UNIV DONGHUA	A61K49/18; A61K49/06; A61K49/12	Preparation of dendrimer/ gold-silver alloy nanoparticle with computed tomography (ct) radiography function
CN101979096 A 20110223	CN20101543844 20101115	UNIV DONGHUA	A61K49/06; A61K49/12; A61K49/14; A61K49/16	Gold and iodine element-supported arborescent macromolecular computed tomography (ct) targeted contrast medium and preparation thereof
CN101974628 A 20110216	CN20101506888 20101014	UNIV DONGHUA	C12Q1/68	Application of gold nanoparticle coated dendric macromolecular compound in polymerase chain reaction
CN101942709 A 20110112	CN20101291840 20100926	UNIV DONGHUA	D01F8/18; A61L27/44; A61L27/56; D01D1/02; D01D5/00; D01F1/10; D01F8/10; D01F11/06	Cs/pva compound nanofibre containing multi- walled carbon nanotubes (mwnt) and preparation method thereof
US2011125079 A1 20110526	US201113017345 20110131; US20040472430 20040409; WO2002US10260 20020401; US20010280412P 20010330	UNIV DREXEL [US]	A61M37/00; A61K9/50; A61K9/51; A61K49/22; B01J13/02; B01J13/20	Echogenic polymer microcapsules and nanocapsules and methods for production and use thereof
GB2476269 A 20110622	GB20090022052 20091217	UNIV DUBLIN CITY [IE]	A61K49/18	Nanoparticle clusters formed from individual nanoparticles of two or more types

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
GB2474456 A 20110420	GB20090017984 20091014	UNIV DUBLIN CITY [IE]	G01N33/58; A61K49/04; A61K49/18; C08G83/00; G01N33/543	Dendrimer functionalised nanoparticle label
US2011124103 A1 20110526	GB20080012226 20080704; WO2009EP58521 20090706	UNIV DUBLIN CITY [IE]; UNIV COLLEGE CORK NAT UNIV IE [IE]	C12N5/071; C08B37/16	Macrocyclic derivative and assemblies formed therefrom
US2011021970 A1 20110127	US20100764184 20100421; US20090171152P 20090421	UNIV DUKE [US]; IMMUNOLIGHT LLC [US]	A61M37/00; A61K9/16; A61K35/12; A61K39/00; G02F1/01	Non-invasive energy upconversion methods and systems for in-situ photobiomodulation
WO2011011782 A1 20110127	US20090228224P 20090724	UNIV DUKE [US]; VO-DINH TUAN [US]; SCAFFIDI JON [US]; GREGAS MOLLY [US]; LAULY BENOIT [US]	C12M1/34; G01T1/10; G21G5/00	Functionalized metal-coated energy converting nanoparticles, methods for production thereof and methods for use
EP2325642 A1 20110525	EP20050761586 20050419; US20040563865P 20040420; US20050109368 20050419	UNIV EMORY [US]	G01N33/553; A61K49/00; A61K51/00; C12Q1/68; G01N33/53; G01N33/58	Use of multimodality nanostructures to detect target substances
US2011060036 A1 20110310	US20100888767 20100923; WO2009US38652 20090327; US20080072220P 20080329	UNIV EMORY [US]	A61K31/337; A61P35/00; C07D305/14	Branched multifunctional nanoparticle conjugates and their use
US2011064675 A1 20110317	US20100887689 20100922; WO2009US38112 20090324; US20080039293P 20080325	UNIV EMORY [US]; UNIV DELAWARE [US]	A61K49/14; A61K9/50; A61K33/26; A61K39/395; A61K49/16; A61P35/00	Elemental iron nanoparticles

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
KR20110053627 A 20110524	KR20090110235 20091116	UNIV EWHA IND COLLABORATION [KR]	G01N33/53; C12Q1/68; G01N27/26; G01N33/551	Method for identification of object using label-free biomolecule-inorganic hybrid
WO2011059121 A1 20110519	WO2009KR06596 20091110	UNIV EWHA IND COLLABORATION [KR]; CHOY JIN HO [KR]; PARK DAE HWAN [KR]	A61K47/48; A61K31/35; A61P35/00	Salinomycin/inorganic-hydroxide nanohybrid material, pharmaceutical composition including same, and cancer treatment method using same
EP2268571 A2 20110105	WO2009BR00117 20090323; BR2008PI05991 20080324	UNIV FED DE PERNAMBUCO UFPE [BR]	C12Q1/00	Fluorescent nanoparticle composites themselves, process for the preparation of such composites, and use in rapid diagnosis systems with affinity to biological molecules
WO2011045747 A1 20110421	IT2009TO00782 20091014	UNIV FERRARA [IT]; FERLINI ALESSANDRA [IT]; MEDICI ALESSANDRO [IT]; PERRONE DANIELA [IT]; RIMESSI PAOLA [IT]; TONDELLI LUISA [IT]; LAUS MICHELE [IT]; SPARNACCI KATIA [IT]	A61K9/51; A61K9/00; A61K48/00	Nanoparticle of the core-shell type suitable for delivering therapeutic oligonucleotides to target tissues and the use thereof for the preparation of a medicament for treating duchenne muscular dystrophy
US2011150938 A1 20110623	US20080672447 20080815; US20070956625P 20070817; WO2008US73295 20080815	UNIV FLORIDA [US]	A61K9/00; A61B5/055; A61K31/337; A61K31/43; A61K31/522; A61K31/56; A61K31/7052; A61K38/00; A61K38/18; A61K38/22; A61K38/23; A61K39/00; A61K47/02; A61K48/00; A61K49/00; A61K51/00	Supercrystalline colloidal particles and method of production
US2011039282 A1 20110217	US20090988201 20090421; US20080046651P 20080421; WO2009US41183 20090421	UNIV FLORIDA ATLANTIC [US]	G01N33/53; C12Q1/02	Method of detecting calcifying nanoparticles and susceptibility to calcifying nanoparticle information

Publicação (número e data)	Prioridade	Depositante	CIP	Título
WO2011070203 A2 20110616	ES20090031148 20091211	UNIV GRANADA [ES]; DOMINGUEZ VERA JOSE MANUEL [ES]; GALVEZ RODRIGUEZ NATIVIDAD [ES]; VALERO ROMERO ELSA [ES]; SANCHEZ SANCHEZ PURIFICACION [ES]	A61K49/14; A61K51/08; B82Y5/00	Multifunctional vectorised nanostructures that can be used as trimodal (mri, oi and spect) diagnosis agents
WO2011045454 A2 20110421	ES20090030845 20091014	UNIV GRANADA [ES]; UNIV CADIZ [ES]; DOMINGUEZ VERA JOSE MANUEL [ES]; GALVEZ RODRIGUEZ NATIVIDAD [ES]; FERNANDEZ LOPEZ BELEN [ES]; VALERO ROMERO ELSA [ES]; CALVINO GAMEZ JOSE; TRASOBARES LLORENTE SUSANA [ES]	A61K49/14; A61B5/055; A61K51/08; C07K14/435	Multifunctional nanostructures as spect/mri bimodal diagnosis agents
WO2011070212 A2 20110616	ES20090031146 20091211	UNIV GRANADA [ES]; UNIV CADIZ [ES]; UNIV JAEN [ES]; DOMINGUEZ VERA JOSE MANUEL [ES]; GALVEZ RODRIGUEZ NATIVIDAD [ES]; FERNANDEZ LOPEZ BELEN [ES]; VALERO ROMERO ELSA [ES]; BOSCHI FEDERICO [IT]; CALDERAN LAURA [IT]; MARZOLA PASQUINA [IT]; CALVINO GAMEZ JOSE	A61K49/14; A61K51/08; B82Y5/00	Multifunctional nanostructures as trimodal mri/oi/spect diagnosis agents

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN101991541 A 20110330	CN20101531603 20101027	UNIV GUANGDONG OCEAN	A61K9/14; A61K31/522; A61K47/02; A61K47/36; A61K47/42; A61K47/48; A61P31/12	Preparation method of acyclovir-chitosan nanoparticles
CN101978954 A 20110223	CN20101505880 20101012	UNIV GUANGDONG PHARM	A61K9/16; A23L1/29; A61K9/14; A61K31/722; A61P3/04; A61P3/06	Preparation and application of chitosan particles
CN102105175 A 20110622	WO2009CN70691 20090309; US20080056170P 20080527	UNIV HONG KONG [CN]	A61K49/18; H01F1/11; H01F1/36	Nanoparticles, methods of making same and cell labelling using same
US2011144023 A1 20110616	US20100967708 20101214; US20090286166P 20091214	UNIV HONG KONG [CN]	A61K38/10; A61P7/04; A61P35/00; C12N5/00; C12Q1/02	Nano cancer barrier device (ncbd) to immobilize and inhibit the division of metastatic cancer stem cells
WO2011072483 A1 20110623	US20090286363P 20091214	UNIV HONG KONG [CN]; ELLIS-BEHNKE RUTLEDGE [CN]; TAY KIONGCHIU DAVID [CN]	A61K38/10; A61P9/00; A61P19/00; A61P25/00; A61P43/00	Compositions and methods for controlling proliferation and differentiation cells
CN102010525 A 20110413	CN20101547886 20101118	UNIV HUAQIAO	C08L3/04; A61K47/36; C08K9/04; C08L3/02; C08L3/06; C08L3/08; C09C1/22; C09C3/08; H01F1/42	Method for preparing superparamagnetic micron starch
CN102106832 A 20110629	CN20111036576 20110212	UNIV HUAZHONG NORMAL	A61K9/19; A61K31/4174; A61K31/496; A61K47/26; A61P31/10	Ketoconazole nanometer suspension freeze-dried powder and preparation method thereof
CN102091336 A 20110615	CN20091273175 20091210	UNIV HUAZHONG SCIENCE TECH	A61K49/06; A61K49/14	Specific magnetic resonance contrast agent for brain tumor and neurodegenerative diseases and preparation method thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN101961313 A 20110202	CN20091063819 20090904	UNIV HUAZHONG SCIENCE TECH; WUHAN HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY NANOPHARMACEUTICALS CO LTD	A61K9/10; A61K9/14; A61K9/16; A61K9/20; A61K9/46; A61K9/48; A61K31/496; A61K47/32; A61K47/38; A61P31/10	Itraconazole nanocrystals and preparation method and application thereof
CN102060723 A 20110518	CN20101554778 20101123	UNIV HUNAN NORMAL	C07C229/24; A61K9/127; A61K48/00; C07C227/18; C07K1/113; C07K5/023; C07K5/027; C07K5/062	Preparation method of cationic liposome nanoparticles of amino acid
WO2011079279 A2 20110630	US20090289893P 20091223	UNIV ILLINOIS [US]; CHENG JIANJUN [US]; TONG RONG [US]	A61K47/48; A61K9/20; A61K9/24; A61K31/7028; A61K47/30; A61K47/42	Nanoconjugates and nanoconjugate formulations
US7893177 B1 20110222	US20070930885 20071031; US20050061364 20050218; WO2003US26079 20030819; US20020404442P 20020819	UNIV IOWA RES FOUND [US]	C08F30/04; C08F4/42; G01N33/547	Redox polymer nanoparticles
CN102102097 A 20110622	CN20101581815 20101210	UNIV JIANGNAN	C12N11/08	Catalase immobilization method on basis of using amidoxime pan nanofibrous membrane as carrier
CN101987364 A 20110323	CN20101286955 20100914	UNIV JIANGNAN	B22F9/24; C12Q1/68; G01N21/64	Method for preparing functional gold nanoparticles with high stability
CN101974589 A 20110216	CN20101523747 20101029	UNIV JIANGNAN	C12P21/06; C07K1/34	Method for preparing immunocompetent soybean peptide by enzymolysis and membrane separation
CN101972229 A 20110216	CN20101522545 20101028	UNIV JIANGNAN	A61K9/127; A61K38/44; A61P39/06	Preparation method of catalase solid lipid nanoparticles preparation

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN102091353 A 20110615	CN20101561688 20101125	UNIV JIAXING	A61L29/12; A61L29/16	Preparation method of controlled-release oriented nanofiber nerve conduit
US2011125170 A1 20110526	US20090864493 20090126; US20080062434P 20080125; WO2009US00535 20090126	UNIV JOHNS HOPKINS [US]	A61B17/00; B32B37/14; B32B38/00	Hydrogel-grafted degradable nerve guides
US2011104052 A1 20110505	US20080746030 20081203; US20070005228P 20071203; US20080093619P 20080902; WO2008US13336 20081203	UNIV JOHNS HOPKINS [US]	A61K51/12; A61K9/127; A61K9/14; A61K31/704; A61K35/12; A61K39/395; A61K49/18; A61P7/04; A61P35/00	Methods of synthesis and use of chemospheres
CN101965201 A 20110202	WO2009US32713 20090130; US20080024837P 20080130; US20090363302 20090130	UNIV KANSAS STATE [US]	A61K47/48; A61K9/08; A61K33/24; A61K47/30; A61P35/00	Intralymphatic chemotherapy drug carriers
US2011008304 A1 20110113	US20080668281 20080709; US20070958753P 20070709; WO2008US69525 20080709	UNIV KANSAS STATE [US]	A61K35/12; A61K31/522; A61K38/00; A61K47/08; A61P37/00; C12N5/0789	Use of cells to facilitate targeted delivery of nanoparticle therapies
CA2776295 A1 20110310	US20090239313P 20090902; WO2010US47301 20100831	UNIV KANSAS STATE [US]; NANOSCALE CORP [US]	C12Q1/37	Mri and optical assays for proteases



<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011085987 A1 20110414	TW20090134199 20091008	UNIV KAOHSIUNG MEDICAL [TW]	A61K49/18; A61K9/16; A61P35/00	Folic acid-mediated magnetic nanoparticle clusters for combined targeting, diagnosis, and therapy applications
CZ302505 B6 20110622	CZ20100000107 20100211	UNIV KARLOVA [CZ]; ASTAV EX MEDICINY AV CR [CZ]; LUDWIG MAXIMILIANS UNIVERSITOT [DE]	B82B3/00; C12N5/077	Use of galectins and process for preparing myofibroblasts and nanofibers of extracellular matrices
LT5727 B 20110525	LT20090000052 20090723	UNIV KAUNO TECH [LT]	A61B17/00	A device for internal cleaning of blood - vessels
US2011142938 A1 20110616	US201113035576 20110225; US20060418208 20060505; US20050678355P 20050506	UNIV KENTUCKY RES FOUND [US]	A61K9/14; A61K9/70; A61K31/28; A61K31/555; A61P3/10; A61P25/00; A61P35/00	Nanotubes as mitochondrial uncouplers
KR20110042699 A 20110427	KR20090099492 20091020	UNIV KOOKMIN IND ACAD COOP [KR]	B82B3/00; B82B1/00; C12Q1/25; G01N33/50	A method for manufacturing nanocomposite, nanocomposite manufactured by the same, multilayer comprising the nanocomposite and electrochemical sensor using the nanocomposite
KR20110015197 A 20110215	KR20090072793 20090807	UNIV KOREA RES & BUS FOUND [KR]	A61K9/16; A61K31/165; A61P19/00	Sustained release therapeutic agent for intervertebral disc and preparation method thereof
US2011091974 A1 20110421	JP20070038067 20070219; WO2008JP52658 20080218	UNIV KYOTO [JP]	C12N15/87; C12M1/00; C12N5/071	Conductive substrate and method for introducing nucleic acid
JP2011126806 A 20110630	JP20090285641 20091216	UNIV KYUSHU NAT UNIV CORP [JP]	C07H15/04; C09K3/00; C12M3/00	Sugar lactone-azobenzene compound, and use thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN101969934 A 20110209	WO2008JP73139 20081212; JP20070322409 20071213; JP20080125071 20080512	UNIV KYUSHU NAT UNIV CORP [JP]	A61K9/51; A61K31/4439; A61L31/00	Drug-containing nanoparticles
WO2011024831 A1 20110303	JP20090195350 20090826	UNIV KYUSHU NAT UNIV CORP [JP]; HOSOKAWA MICRON KK [JP]; OTSUKA PHARMA CO LTD [JP]; EGASHIRA KENSUKE [JP]; TSUJIMOTO HIROYUKI [JP]; HARA KAORI [JP]; TSUKADA YUSUKE [JP]; BANDO YOHEI [JP]; MANABE MATSUYA [JP]	A61F2/82; A61L29/00; A61L31/00	Medical device for placement into a lumen and manufacturing method thereof
US2011104074 A1 20110505	US20090999404 20090618; US20080073635P 20080618; WO2009US47816 20090618	UNIV LOUISVILLE RES FOUND [US]	A61K49/18; A61K9/127; A61K38/22; A61K49/00	Methods for targeted cancer treatment and detection
US2011064665 A1 20110317	US20100807793 20100914; US20090276850P 20090917	UNIV LOUISVILLE RES FOUND [US]	A61K49/00; A61K9/14; A61K33/18; A61K39/395	Diagnostic and therapeutic nanoparticles
WO2011049972 A1 20110428	US20090252934P 20091019	UNIV LOUISVILLE RES FOUND [US]; NANTZ MICHAEL H [US]; BISWAS SOUVIK [US]	A61K47/48; A61P35/00	Nanoparticles for drug delivery

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
EP2271314 A2 20110112	WO2009US38835 20090330; US20080040482P 20080328; US20090144237P 20090113; US20090144246P 20090113	UNIV MASSACHUSETTS [US]	A61K9/107; A61K31/337; A61K31/355; A61K38/28; A61K47/34; A61K47/44	Compositions and methods for the preparation of nanoemulsions
CA2688760 A1 20110301	US20090238806P 20090901	UNIV MCMASTER [CA]	C12N5/0735; C12Q1/02; C12Q1/68	Transformed human pluripotent stem cells and associated methods
WO2011026222 A1 20110310	US20090238806P 20090901; US20090238822P 20090901	UNIV MCMASTER [CA]; BHATIA MICKIE [CA]; WERBOWETSKI-OGILVIE TAMRA [CA]; SACHLOS ELEFTHERIOS [CA]; FISCHER RUSSELL DANIELA [CA]; LARONDE SARAH [CA]; LEE JUNGBOK [CA]; SZABO EVA [CA]; RISUENO RUTH M [CA]	C12N5/073; C12N5/071; C12Q1/02; C12Q1/68	Transformed human pluripotent stem cells and associated methods
EP2293814 A2 20110316	WO2009US45185 20090526; US20080055832P 20080523; US20080088614P 20080813	UNIV MICHIGAN [US]	A61K39/38	Nanoemulsion adjuvants
EP2293813 A2 20110316	WO2009US45183 20090526; US20080055818P 20080523	UNIV MICHIGAN [US]	A61K39/29; A61K39/02; A61K39/07; A61K39/08; A61K39/39	Nanoemulsion vaccines

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011054236 A1 20110303	US20100857986 20100817; US20090236686P 20090825	UNIV MICHIGAN [US]	A61N2/00	Compositions and methods for targeting tumors
CN102048696 A 20110511	CN20111006897 20110113	UNIV NANCHANG	A61K9/14; A61K8/14; A61K9/127; A61K47/10; A61K47/12; A61K47/14; A61K47/20; A61K47/24; A61K47/28; A61K47/34; A61K47/44	Preparation method of lipid nanoparticles
CN102048695 A 20110511	WO2009CN73180 20090811; CN20101247885 20100809	UNIV NANJING [CN]	A61K9/14; A61K31/337; A61K47/42; A61P35/00	Preparation method of protein nanoparticle for in vivo delivery of pharmacologically active agent
WO2011017835 A1 20110217	WO2009CN73180 20090811	UNIV NANJING [CN]; NANJING EFFECT PHARM DRUG DEV CORP [CN]; HU YIQIAO [CN]; WU JINHUI [CN]; DING DAWEI [CN]; GONG GUANGMING [CN]; TANG XIAOLEI [CN]; TONG CHUNHUI [CN]; ZHU YAN [CN]	A61K47/42; A61K9/16	Preparation method of protein or peptide nanoparticles for in vivo drug delivery by unfolding and refolding
CN102058906 A 20110518	CN20101555972 20101124	UNIV NANJING SCIENCE & TECH	A61L27/44; A61L27/46; A61L27/50	Nanoparticle-reinforced polyether-ether-ketone joint prosthesis material as well as preparation method and application thereof
US2011104002 A1 20110505	US20080922668 20081203; US20080036647P 20080314; WO2008SG00463 20081203	UNIV NANYANG TECH [SG]	A61L2/00; A01N59/16; A01P1/00; A01P3/00; B01J37/34	Method and use of providing photocatalytic activity

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
TW201110984 A 20110401	TW20090132497 20090925	UNIV NAT CHENG KUNG [TW]	A61K47/24; A61K31/52; A61K31/7088; A61K31/7125; A61K47/02	Nanoparticle delivery vehicle
US2011117195 A1 20110519	US20090620890 20091118	UNIV NAT CHENG KUNG [TW]	A61K38/10; A61K9/00; A61K35/12; A61K38/02; A61P9/10	Method for improving myocardial infarction by intramyocardial or transendocardial injection of peptide nanofibers
TW201114437 A 20110501	TW20090135414 20091020	UNIV NAT CHIAO TUNG [TW]	A61K49/08; A61K49/14	Magnetic nanoparticles for magnetic resonance imaging
TW201109043 A 20110316	TW20090130097 20090907	UNIV NAT CHIAO TUNG [TW]	A61K9/70; A61J3/00; A61K47/30	Flexible drug delivery chip, its fabrication method and uses thereof
TW201103563 A 20110201	TW20090124323 20090717	UNIV NAT CHIAO TUNG [TW]	A61K49/18; A61K49/06	Drug delivery nanodevice, its preparation method and uses thereof
US2011059148 A1 20110310	US20090554935 20090907	UNIV NAT CHIAO TUNG [TW]	A61F2/00; A61K31/4015; A61P25/08; C25D13/00	Flexible drug delivery chip, its fabrication method and uses thereof
US2011014296 A1 20110120	US20090504926 20090717	UNIV NAT CHIAO TUNG [TW]	A61K9/14; A61K38/02	Drug delivery nanodevice, its preparation method and uses thereof
TW201117828 A 20110601	TW20090140277 20091126	UNIV NAT TAIWAN [TW]	A61K8/04; A61K8/37; A61K8/86	Enhancing transdermal penetration nanoemulsion and method for preparing the same
US2011135577 A1 20110609	US20090630485 20091203	UNIV NAT TAIWAN [TW]	A61K49/18; A61K9/50; A61K31/20; A61K31/7088; A61K31/7105; A61K31/711; A61K38/02; A61K38/16; A61K39/395; A61P35/00; A61P43/00	Superparamagnetic nanoparticles in medical therapeutics and manufacturing method thereof
US2011009521 A1 20110113	TW20090123563 20090713	UNIV NAT TAIWAN [TW]	A61K6/087; C08L63/00	Liquid crystalline epoxy nanocomposite material and application thereof

Publicação (número e data)	Prioridade	Depositante	CIP	Título
WO2011050049 A2 20110428	US20090253547P 20091021	UNIV NORTH CAROLINA [US]; WANG ZHUANG [US]; WERNER MICHAEL EDWARD [US]; BYRNE JAMES DONALD [US]; CHEN RONALD CHINGYUN [US]; KARVE SHRIRANG SHRIKANT [US]; DESIMONE JOSEPH [US]	A61M25/10; A61B17/34; A61M25/088	Delivery systems for brachytherapy, and associated methods
CN101970687 A 20110209	WO2008US12660 20081110; US20070002626P 20071109	UNIV NORTHEASTERN [US]	C12Q1/68; G01N33/551; G01N33/553	Self-assembling micelle-like nanoparticles for systemic gene delivery
US2011038939 A1 20110217	US20080669395 20080716; US20070959728P 20070716; WO2008US70164 20080716	UNIV NORTHEASTERN [US]; LOUISIANA TECH UNIVERSITY RES FOUNDATION A DIVISION OF LOUISIANA TECH UNIVERSITY [US]	A61K9/14; A61K39/395; A61P35/00	Therapeutic stable nanoparticles
CN101983632 A 20110309	CN20101503380 20101011	UNIV NORTHWEST A&F	A61K31/706; A61K9/107; A61K31/165; A61P11/00; A61P15/00; A61P31/04	Compound tilmicosin nanoemulsion antibacterial agent and preparation method thereof
CA2779099 A1 20110505	US20090256640P 20091030; US20100374550P 20100817; US20100386846P 20100927; WO2010US55018 20101101	UNIV NORTHWESTERN [US]	A61K9/14; A61K9/50; A61K31/7088; A61K49/00; G01N33/50	Templated nanoconjugates

Publicação (número e data)	Prioridade	Depositante	CIP	Título
CA2772660 A1 20110310	US20090238930P 20090901; US20100314114P 20100315; WO2010US47594 20100901	UNIV NORTHWESTERN [US]	A61K47/26; A61K9/14	Delivery of therapeutic agents using oligonucleotide-modified nanoparticles as carriers
MX2011005429 A 20110621	US20080117449P 20081124; WO2009US65822 20091124	UNIV NORTHWESTERN [US]	A61K9/51; A61K47/48	Polyvalent rna-nanoparticle compositions.
CN101933976 A 20110105	CN20101275253 20100908	UNIV NORTHWESTERN [US]	A61K36/634; A61K9/107; A61P31/04; A61P31/12	Method for preparing nanoemulsion from high- efficient active sites of fructus forsythiae essential oil
US2011008890 A1 20110113	US20100797586 20100609; US20070863975 20070928; US20030368517 20030218; US20020357228P 20020215	UNIV NORTHWESTERN [US]	C12N5/0793; C07K14/78	Self-assembly of peptide-amphiphile nanofibers under physiological conditions
WO2011053901 A2 20110505	US20090256603P 20091030	UNIV NORTHWESTERN [US]; DRAVID VINAYAK P [US]; SHARMA SAURABH [US]; TOMITA TADANORI [US]; VIOLA KIRSTEN L [US]; KLEIN WILLIAM L [US]	G01N33/53; A61K49/16; G01N27/72; G01N33/574	Magnetic nanostructures as theranostic agents

Publicação (número e data)	Prioridade	Depositante	CIP	Título
WO2011028847 A1 20110310	US20090238930P 20090901	UNIV NORTHWESTERN [US]; MASSACHUSETTS INST TECHNOLOGY [US]; MIRKIN CHAD A [US]; GILJOHANN DAVID A [US]; DANIEL WESTON L [US]; LIPPARD STEPHEN J [US]; DHAR SHANTA [US]	A61K48/00; A61K9/14	Polyvalent polynucleotide nanoparticle conjugates as delivery vehicles for a chemotherapeutic agent
WO2011037973 A1 20110331	US20090288378P 20091221; US20100315441P 20100319; US20090244918P 20090923	UNIV NORTHWESTERN [US]; MIRKIN CHAD A [US]; CUTLER JOSHUA I [US]	A61B5/055	"Click" nanoparticle conjugates
WO2011017691 A2 20110210	US20090232302P 20090807	UNIV NORTHWESTERN [US]; MIRKIN CHAD A [US]; MCMAHON KAYLIN [US]; THAXTON C SHAD [US]; PRIGODICH ANDREW E [US]	C12N15/63; C12N15/113; C12Q1/68; G01N33/52	Transcription using polynucleotide functionalized nanoparticles
WO2011017690 A2 20110210	US20090239133P 20090902; US20090232300P 20090807	UNIV NORTHWESTERN [US]; MIRKIN CHAD A [US]; MEADE THOMAS J [US]; SONG YING [US]; XU XIAOYANG [US]	A61K49/14; A61K49/06; A61K49/10	Intracellular delivery of contrast agents with functionalized nanoparticles
WO2011017456 A2 20110210	US20100296361P 20100119; US20100295640P 20100115; US20090231214P 20090804; US20100314145P 20100315	UNIV NORTHWESTERN [US]; MIRKIN CHAD A [US]; OMARY REED A [US]; THAXTON C SHAD [US]; EIFLER AARON [US]; MOULI SAMDEEP K [US]; MCMAHON KAYLIN [US]; LARSON ANDREW [US]	A61K31/713; A61K48/00; A61K51/00; A61P35/00; B82B3/00	Localized delivery of nanoparticles for therapeutic and diagnostic applications



Publicação (número e data)	Prioridade	Depositante	CIP	Título
WO2011057107 A2 20110512	US20090280638P 20091106	UNIV NOTRE DAME DU LAC [US]; CHANG HSUEH- CHIA [US]; MUSHENHEIM PETER [US]; BASURAY SAGNIK [US]; YOSSFON GILAD [IL]; SENAPATI SATYAJYOTI [US]	G01N27/403; C12Q1/68; G01N27/416; G01N33/48	Microchamber electrochemical cell having a nanoslot
JP2011099121 A 20110519	US20020418023P 20021011; US20020419506P 20021018; US20030466401P 20030429; US20030488323P 20030718; US20030488590P 20030718	UNIV OF CONNECTICUT	C08G18/65; A61F2/06; A61F2/84; A61F2/88; A61L29/14; A61L31/14; C08G18/38; C08G18/48; C08G18/61; C08G18/71; C08G61/08; C08G65/336; C08J3/00; C08K3/00; C08L65/00; C08L71/02; C08L75/04	Shape memory polymer based on semicrystalline thermoplastic polyurethane bearing nanostructured hard segment
US2011038941 A1 20110217	US20080810900 20081223; US20070009268P 20071227; WO2008US88168 20081223	UNIV OHIO STATE RES FOUND [US]	A61K9/00; A61K31/7088; A61K39/395; A61P35/00; B01J19/00; B32B37/16	Lipid nanoparticle compositions and methods of making and using the same
WO2011074586 A1 20110623	JP20090284445 20091215; JP20100003269 20100108	UNIV OKAYAMA NAT UNIV CORP [JP]; TAKADA JUN [JP]; SAWAYAMA MICHINORI [JP]; SUZUKI TOMOKO [JP]; HASHIMOTO HIDEKI [JP]; FUJII TATSUO [JP]; NAKANISHI MAKOTO [JP]	C12N1/20; C01G49/02; C12N15/09; C12P3/00	Novel microorganism capable of producing oxide

Publicação (número e data)	Prioridade	Depositante	CIP	Título
WO2011049099 A1 20110428	JP20090241322 20091020	UNIV OSAKA [JP]; MORI MASAKI [JP]; NAGAI KENICHI [JP]; TOMIMARU YOSHITO [JP]; MIYOSHI NORIKATSU [JP]; HOSHINO HIROMITSU [JP]; ISHII HIDESHI [JP]	C12N15/09; C07K16/30; C12N5/10; C12Q1/02	Method for producing cancer stem cell
JP2011087475 A 20110506	JP20090241605 20091020	UNIV OSAKA [JP]; NATL INST RADIOLOGICAL SCIENCE	C12Q1/04; C12N5/10; C12N15/09; G01N33/48	Method for identifying undifferentiated cell
EP2336218 A1 20110622	WO2009JP66966 20090929; JP20080253053 20080930	UNIV OSAKA [JP]; TERUMO CORP [JP]	C08G63/91; A61K9/14; A61K47/34; C08G81/00	Hydrophilic material, medical material and sustained release pharmaceutical material
WO2011015701 A2 20110210	ES20090001664 20090728	UNIV PAIS VASCO [ES]; RODRIGUEZ GASCON ALICIA [ES]; SOLINIS ASPIAZU MARIA ANGELES [ES]; DEL POZO RODRIGUEZ ANA [ES]; DELGADO SAN VICENTE DIEGO [ES]; PEDRAZ MUNOZ JOSE LUIS [ES]	A61K9/51; A61K48/00	Lipid nanoparticles for gene therapy
US2011117020 A1 20110519	US20090919647 20090302; US20080064329P 20080228; WO2009US35766 20090302	UNIV PENNSYLVANIA [US]	A61K49/00; A61B5/05	Imaging dendrimer nanoprobe and uses thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
WO2011038112 A1 20110331	US20090244988P 20090923	UNIV PENNSYLVANIA [US]; UNIV DREXEL [US]; ROZMYSLOWICZ TOMASZ [US]; GAULTON GLEN N [US]; LEC RYSZARD M [US]	C12M1/00	Devices and methods for detecting and monitoring hiv and other infections and diseases
CN201756554U U 20110309	CN20102166329U 20100414	UNIV PLA 3RD MILITARY MEDICAL	C12M3/00; C12M1/24; C12M1/42	Experimental apparatus for target-oriented transmission of mesenchymal stem cell
CN101962688 A 20110202	CN20101237621 20100727; CN20101544400 20101115	UNIV PLA 3RD MILITARY MEDICAL	C12Q1/68; C12N15/11; C12Q1/04	Specific primer used for identifying nanobacteria and application thereof
CN101961314 A 20110202	CN20101292085 20100926	UNIV PLA 3RD MILITARY MEDICAL	A61K9/107; A61K38/28; A61K38/38; A61K38/42; A61K47/34; A61K47/44	Novel nanoemulsion drug loading system for protein drugs and preparation method thereof
RO123252 B1 20110429	RO20080000719 20080916	UNIV POLITEHNICA BUCURESTI [RO]	B82B3/00; A61K8/90; A61K8/97; A61K31/80; A61K36/752; B82B1/00; C01B33/14; C08G77/42	Process for obtaining hybrid silica-based nanomaterials and nanomaterials with natural active principle obtained thereby
SG169225 A1 20110330	US20010307668P 20010725	UNIV PRINCETON	G01N33/50; B01L3/00; B81B1/00; C12M1/00; C12N15/09; C12Q1/68; G01N35/08; G01N37/00	Nanochannel arrays and their preparation and use for high throughput macromolecular analysis
CA2767976 A1 20110203	GB20090013442 20090731; WO2010IL00614 20100729	UNIV RAMOT [IL]	C12N15/87; A61K9/127; A61K9/52; A61K47/48; C12N15/88	Cell-targeting nanoparticles comprising polynucleotide agents and uses thereof
EP2320955 A1 20110518	WO2009US53274 20090810; US20080087198P 20080808	UNIV RICE WILLIAM M [US]	A61K49/10	Carbon nanotube based magnetic resonance imaging contrast agents

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011045080 A1 20110224	US20100731021 20100324; US20090162933P 20090324	UNIV RICE WILLIAM M [US]	A61K9/14; A61K31/713; A61P29/00; A61P35/00; C07H21/02; C12N5/00	Single-walled carbon nanotube/bioactive substance complexes and methods related thereto
US2011158915 A1 20110630	US20100916041 20101029; US20090255946P 20091029	UNIV RICE WILLIAM M [US]; BAYLOR COLLEGE MEDICINE [US]	A61K49/18; A61K9/14; A61P35/00; B05D3/00	Nanoshells with targeted enhancement of magnetic and optical imaging and photothermal therapeutic response
WO2011005916 A1 20110113	US20090223968P 20090708	UNIV RICE WILLIAM M [US]; COLVIN VICKI L [US]; PRAKASH ARJUN [US]; ZHU HUIGUANG [US]	A61K51/00; B32B5/16	Nanoparticle compositions comprising a lipid bilayer and associated methods
WO2011072133 A1 20110616	US20090285050P 20091209	UNIV RICE WILLIAM M [US]; ZUBAREV EUGENE [US]; GIBSON JACOB [US]	A61K9/26	Therapeutic compositions and methods for delivery of active agents cleavably linked to nanoparticles
US2011152107 A1 20110623	US20100878700 20100909; US20060414991 20060501; US20050675963P 20050429; US20060782001P 20060314	UNIV ROCHESTER	C40B30/00; C07H21/00; C07K2/00; C07K14/00; C07K16/00; C12N1/00; C12N5/04; C12N5/07; G01N33/53; G01N33/68; G01N33/92	Drug screening via nanopore silicon filters

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011059159 A1 20110310	US20090865615 20090130; US20080062922P 20080130; WO2009US32745 20090130	UNIV ROCKEFELLER [US]	A61K9/127; A61K31/05; A61K31/07; A61K31/11; A61K31/122; A61K31/203; A61K31/337; A61K31/4174; A61K31/472; A61K31/5513; A61K31/56; A61K31/704; A61K31/7048; A61K38/13; A61K38/22; A61P3/02; A61P23/00; A61P25/20; A61P31/10; A61P31/12; A61P3	Nanoscale bound bilayers, methods of use and production
WO2011034939 A1 20110324	US20090242691P 20090915	UNIV RUSH MEDICAL CENTER [US]; ROSSI MARVIN A [US]	A61N1/00	Energy-releasing carbon nanotube transponder and method of using same
US2011117024 A1 20110519	US20090936392 20090406; US20080042577P 20080404; WO2009US02164 20090406	UNIV RUTGERS [US]	A61K38/14; A61K9/14; A61K49/00; A61P35/00; B32B5/16; C07D311/86; C07K9/00	Nanocarrier and nanogel compositions
US2011008460 A1 20110113	WO2008US50939 20080111	UNIV RUTGERS [US]	A61K33/42; A61P19/08; A61P41/00; C01B25/32	Biomimetic hydroxyapatite composite materials and methods for the preparation thereof
KR20110026280 A 20110315	KR20090084109 20090907	UNIV SEJONG IND ACAD COOP GR [KR]	A61K31/722; A61P3/10	Composition comprising nanopowdered chitosan for preventing and treating diabetic disease
CN102085381 A 20110608	CN20111026653 20110125	UNIV SHANGHAI JIAOTONG	A61K49/18; A61K49/06; G01N24/08	Ferroferric oxide-silicon dioxide-thymine nanoparticles and preparation method and application thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN102008454 A 20110413	CN20101571623 20101203	UNIV SHANGHAI JIAOTONG	A61K9/19; A61K31/352; A61K47/34; A61P3/10; A61P9/10; A61P39/06	Daidzein-entrapped plga nanoparticles and preparation method thereof
CN102068705 A 20110525	CN20111000180 20110104	UNIV SHANGHAI JIAOTONG	A61K49/12; A61K49/08; A61K49/18	Carbon nanotube/chitosan/magnetic ferrite nanoparticle composite material, and preparation method and application thereof
CN101966343 A 20110209	CN20101502877 20101011	UNIV SHANGHAI JIAOTONG	A61K49/06; A61K49/18	Carbon nanotube/magnetic nanoparticle magnetic resonance contrast medium and preparation method thereof
CN101947324 A 20110119	CN20101283937 20100917	UNIV SHANGHAI JIAOTONG	A61K47/48; A61K9/14; A61K47/04; A61K47/30; A61K47/34; A61K47/36	Macromolecule based preparation method of ph- responsive metal-organic coordination polymer
CN101948927 A 20110119	CN20101503080 20101012	UNIV SHANGHAI JIAOTONG; SHANGHAI BAIZHEN BIOTECH CO LTD	C12Q1/68	Controllable distribution method of gold nanoparticles on dna origami chip
CN101956015 A 20110126	CN20101503063 20101012	UNIV SHANGHAI JIAOTONG; SHANGHAI BOZHEN BIOTECH CO LTD	C12Q1/68	Method for detecting polymorphism of single nucleotide with gold nanoparticles
CN102028951 A 20110427	CN20091057982 20090929	UNIV SHANGHAI OF T C M	A61K47/42; A61K9/14; A61K31/352; A61K47/34; A61P35/00	Rgdfk-modified oridonin polylactic acid medicament-carrying nanoparticles and preparation method thereof
CN102068701 A 20110525	CN20111020033 20110118	UNIV SHENYANG PHARMACEUTICAL	A61K47/34; A61K9/00; A61K9/107; A61K9/127; A61K9/14; A61P43/00; C07C69/34; C07C69/40; C07C69/96; C07D311/72; C07F9/10; C07J9/00; C08G65/00; C08G65/48	Application of cleavable polyethylene glycol (peg) lipid derivative to preparation
CN101991536 A 20110330	CN20091013063 20090811	UNIV SHENYANG PHARMACEUTICAL	A61K9/127; A61K9/00	Vesicles with inner and outer aqueous-phase gradient difference and preparation method and application thereof

Publicação (número e data)	Prioridade	Depositante	CIP	Título
CN102106821 A 20110629	CN20111041868 20110222	UNIV SICHUAN	A61K9/127; A61K9/12; A61K9/14; A61K9/19; A61K9/72; A61K47/28	Novel solid lipid nanoparticle medicament delivery system for protein-loaded medicaments
US2011151542 A1 20110623	US20100883295 20100916; US20080090579 20081009; WO2006US42363 20061101; US20050732279P 20051101; US20060815499P 20060621	UNIV SOUTH CAROLINA [US]	C12N7/00	Bionanomaterials and their synthesis
WO2011050357 A2 20110428	US20090279657P 20091023	UNIV SOUTH CAROLINA [US]; THOMPSON PAUL R [US]; CAUSEY COREY [US]	A61K31/166; A61K9/00; A61K38/08; A61K47/30; A61P19/02; A61P35/00	Protein arginine deiminase inhibitors as novel therapeutics for rheumatoid arthritis and cancer
CN102091042 A 20110615	CN20111008692 20110114	UNIV SOUTH CHINA TECH	A61K9/14; A61K47/34	Method for preparing monodisperse nanosphere medicine carrier
CN102091027 A 20110615	CN20111008658 20110114	UNIV SOUTH CHINA TECH	A61K9/00; A61K31/713; A61K47/02; A61K47/42; A61K48/00; A61K49/16; A61P35/00	Method for preparing antitumor small interfering rna carrying magnetic nano probe
EP2285825 A1 20110223	WO2009US02935 20090511; US20080127134P 20080509	UNIV SOUTH DAKOTA [US]	C07K1/14; A61K38/00; B82B3/00; C07K1/02	Method of forming non-immunogenic hydrophobic protein nanoparticles and uses therefor
CN101991866 A 20110330	CN20101510774 20101019	UNIV SOUTHEAST	A61K49/06; A61K49/18; C01G49/06	Nanometer gamma-fe2o3 relaxation rate standard substance and preparation method thereof
EP2318471 A2 20110511	WO2009GB50699 20090618; GB20080011170 20080618	UNIV ST ANDREWS [GB]	C09K11/02; A61B5/117; C09K11/08; C09K11/54; C09K11/70; G01N21/64	Conjugated nanoparticles and their use in detection of latent fingerprints

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN102028655 A 20110427	CN20101590798 20101216	UNIV SUZHOU	A61K9/10; A61K9/14; A61K9/19; A61K31/351; A61P31/16	Zanamivir solid lipid nanosphere oral preparation and preparation method thereof
CN102008756 A 20110413	CN20101583195 20101210	UNIV SUZHOU; SIKEPULE BEIJING BIOLOG TECHNOLOGY CO LTD	A61L27/56; A61L27/22; A61L27/24	Preparation method of nano-fibrous silk fibroin- based porous scaffold
WO2011003424 A1 20110113	DK20090000852 20090710; US20090224487P 20090710; US20100329161P 20100429	UNIV SYDDANSK [DK]; FOLKE OLSEN LARS [DK]; OEZALP CENGIZ [DK]; JUNKER NIELSEN LISE [DK]	C12Q1/68; G01N33/53	Nucleic acid nano-biosensors
US2011059555 A1 20110310	US20100901762 20101011; US20090401498 20090310; US20050195547 20050802; US20040598498P 20040803	UNIV SYRACUSE [US]	G01N33/53; C07H21/02; C07H21/04	Branched and multi-chain nucleic acid switches for sensing and screening
US2011033520 A1 20110210	US20100851932 20100806; US20090231844P 20090806	UNIV SYRACUSE [US]	A61K9/70; A61K9/00; A61K33/38; A61P17/02; A61P31/00	Antimicrobial nanostructured hydrogel web containing silver
US2011097416 A1 20110428	US20090937218 20090325; US20080044039P 20080410; US20080054619P 20080520; WO2009US38241 20090325	UNIV TEXAS [US]	A61K9/14; C08F220/56	Compositions and methods for thermo-sensitive nanoparticles and magnetic nanoparticles



Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011097556 A1 20110428	US20070839923 20070816; US20020158596 20020530; US20020155883 20020524; US20010325664P 20010928; US20010296013P 20010605	UNIV TEXAS [US]	B32B3/10; C07K1/04; C07K7/06; C07K7/08; C12N7/00; C40B40/02; C40B40/10	Biological control of nanoparticle nucleation, shape and crystal phase
US2011097746 A1 20110428	US20070519163 20071227; US20060882612P 20061229; WO2007US88976 20071227	UNIV TEXAS [US]	G01N33/53; A61L2/00; B01D15/42; B01D69/08	Orthogonal method for the removal of transmissible spongiform encephalopathy agents from biological fluids
US2011064664 A1 20110317	US20080680728 20081008; US20070978353P 20071008; WO2008US79212 20081008	UNIV TEXAS [US]	A61K49/00; A61K31/7052; A61K38/02; A61K39/395; A61K47/30; A61P35/00; C12Q1/68; C40B30/00	Methods and compositions involving chitosan nanoparticles
WO2011035279 A2 20110324	US20090244088P 20090921	UNIV TEXAS [US]; EMELIANOV STANISLAV [US]; WILSON KATHERYNE [US]; HOMAN KIMBERLY [US]	A61K47/48; A61K9/28; A61K47/30; A61K47/36; A61K47/42; A61K49/00	Nanocarriers for imaging and therapy applications

Publicação (número e data)	Prioridade	Depositante	CIP	Título
WO2011027335 A1 20110310	ZA20090006174 20090907	UNIV THE WITWATERSRAND JOHANNESBURG [ZA]; MAMVURA TIRIVAVIRI AUGUSTINE [ZA]; IYUKE SUNNY ESAYEBEMU [ZA]; SIBANDA VUSUMUZI [ZA]; YAH YAH CLARENCE [ZA]	C12N1/02; C12C11/09; C12N11/08	Yeast cell immobilization
CN102030871 A 20110427	CN20091070601 20090925	UNIV TIANJIN	C08F287/00; A61K47/34; C08G63/664; C08G65/48; C12N15/87	Polyethylene glycol block biodegradable polyester comb-type graft copolymer, and preparation method and application thereof
CN102030898 A 20110427	CN20091070599 20090925	UNIV TIANJIN	C08G65/48; A61K47/34; C08F293/00; C08G63/664; C08G63/91; C12N15/87	Abc-type amphiphilic biodegradable polyester triblock copolymer and preparation method and application thereof
CN101979633 A 20110223	CN20101240130 20100729	UNIV TIANJIN SCIENCE & TECH	C12P19/04	Method for preparing fe <sub>3</sub> o <sub>4</sub> magnetotactic bacterial cellulose spheres
CN101953817 A 20110126	CN20101287720 20100920	UNIV TONGJI	A61K9/50; B01J13/04	Microcapsules with oil-soluble substances and preparation method thereof
EP2331950 A1 20110615	WO2009CA01212 20090901; US20080093667P 20080902	UNIV TORONTO [CA]	G01N27/327; C12Q1/00; C12Q1/68; C40B60/00; G01N27/30; G01N27/403; G01N27/416; G01N33/53; G01N33/543	Nanostructured microelectrodes and biosensing devices incorporating the same
US2011071681 A1 20110324	CN20091190734 20090923	UNIV TSINGHUA [CN]; HON HAI PREC IND CO LTD [TW]	G05D23/19; B01L7/00; F24F11/02; H05B1/00	Thermal cyclers
US2011062350 A1 20110317	CN20091190415 20090911	UNIV TSINGHUA [CN]; HON HAI PREC IND CO LTD [TW]	A61N5/00	Infrared physiotherapeutic apparatus

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011097277 A1 20110428	US20100941938 20101108; US20080020998 20080128; WO2006US298988 20060725; US20090259081P 20091106; US20050711613P 20050825	UNIV WASHINGTON [US]	A61K49/18; A61K9/50; C08F8/00	Particles coated with zwitterionic polymers
US2011123438 A1 20110526	US20100910385 20101022; WO2009US41000 20090417; US20080047013P 20080422	UNIV WASHINGTON [US]	A61K51/12; A61K9/14; A61K39/00; A61K49/18; A61K49/22; A61P43/00	Universal anchor peptide for nanoparticles
CN101939329 A 20110105	WO2008CA01688 20080829; US20070935773P 20070830	UNIV WATERLOO	C07K7/06; A61K38/02; A61K45/08; A61K47/18; A61K47/42; B82B1/00; C07K1/00; C07K5/06; C07K5/072; C07K5/113; C11D1/88; G01N33/50; G01N33/569; G01N33/66; G01N33/68; H01M8/22	Amino acid pairing-based self assembling peptides and methods

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011020457 A1 20110127	US20070377597 20070814; US20060837808P 20060814; WO2007US75925 20070814	UNIV WAYNE STATE	A61K9/14; A61K31/047; A61K31/122; A61K31/137; A61K31/4168; A61K31/4436; A61K31/519; A61K31/56; A61K31/573; A61K31/60; A61K31/704; A61K38/13; A61K47/36; A61P17/06; A61P35/00	Polymer-surfactant nanoparticles for sustained release of compounds
US2011014217 A1 20110120	US20090933223 20090319; US20080037798P 20080319; WO2009US37727 20090319	UNIV YALE	A61K39/00; A61P37/00; C12N5/0783	Carbon nanotube compositions and methods of use thereof
CN101959542 A 20110126	WO2008JP73884 20081219; JP20070331948 20071225	UNIV YAMAGUCHI; UNIV OSAKA [JP]	A61L31/00; A61F2/82; A61K9/51; A61K45/00; A61P9/10; A61P43/00	Drug delivery system
CN101949071 A 20110119	CN20101288044 20100916	UNIV YANGZHOU	D01F8/14; A61L27/26; A61L27/50; A61L27/56; D01D1/02; D01D5/00	Biodegradable composite fiber and production method thereof
KR20110059369 A 20110602	KR20090116079 20091127	UNIV YONSEI IACF [KR]	B82B3/00; A61K49/06; A61K49/12	Synthesis of cationic magnetic nano-complexs using cationic amphiphilic polymers
US2011151429 A1 20110623	KR20080132355 20081223; WO2009KR01634 20090331	UNIV YONSEI IACF [KR]	C12Q1/70; B01J19/00; B05D1/36; C12M1/34; G01N33/48; G01N33/53; G01N33/574	Bioprobe, method of preparing the bioprobe, and analysis apparatus and method using the bioprobe
US2011151019 A1 20110623	KR20080046589 20080520; WO2009KR02661 20090520	UNIV YONSEI IACF [KR]	A61K33/24; A61K9/00	Heat generating nanomaterials

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
CN102085388 A 20110608	CN20111031453 20110128	UNIV ZHEJIANG	A61L27/34; A61K6/02; A61L27/06	Preparation method of hybrid coating containing polypeptide chain segment
CN102091331 A 20110615	CN20111022611 20110119	UNIV ZHEJIANG	A61K47/12; A61K47/04	Carboxyl mesoporous silica nanoparticle carrier material and preparation method thereof
CN102048697 A 20110511	CN20111022618 20110120	UNIV ZHEJIANG	A61K9/14; A61J3/00; A61K31/704; A61K45/00; A61K47/36; A61P35/00	Method for preparing solid lipid nanoparticles of water-soluble anti-tumor medicine
CN101986145 A 20110316	CN20101298015 20100930	UNIV ZHEJIANG	G01N27/00; B82B1/00; C12M1/34	Nanopore electrical sensor
CN102080131 A 20110601	CN20101582898 20101210	UNIV ZHENGZHOU	C12Q1/68	Hairpin type dna modified gold colloid nano particles and synthesizing method thereof
CN101953775 A 20110126	CN20101284721 20100917	UNIV ZHENGZHOU	A61K9/00; A61K31/565; A61K47/34; A61P35/00	Hydrogel nanoparticles used as injectable subcutaneous implant agent
EP2306848 A1 20110413	WO2009EP59183 20090716; DE200810033583 20080717	UNIV ZU KOELN [DE]	A23L1/00; A23G3/52; A23L1/0522; A23L1/09; A61K9/12; B29C44/34; C08J9/00	Sugar micro/nanofoams
EP2306993 A1 20110413	WO2009EP56391 20090526; EP20080009581 20080526; EP20090753885 20090526	UNIV ZUERICH [CH]	A61K9/51; A61K39/00; A61K47/48; A61K48/00	Protamine/rna nanoparticles for immunostimulation
CZ302380 B6 20110420	CZ20100000126 20100218	UNIVERZITA TOMASE BATI VE ZLINE [CZ]	A61K9/70; A61K36/18; A61K47/10; A61K47/30; A61K47/36; A61K47/42; A61K47/44; A61P17/02	Dry substance of hydrogel to cover wounds and process for preparing thereof

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
JP2011063816 A 20110331	US20030499887P 20030904; US20030706081 20031113; US20040564592P 20040423	US DEPT VETERANS AFFAIRS; WASHINGTON UNIV IN ST LOUIS	C08L101/00; A61F2/14; A61L27/52; C08L33/00	Hydrogel nanocomposite for eyes
EP2311982 A1 20110420	EP20060847604 20061212; US20050749729P 20051212; US20050749858P 20051212	US GOV HEALTH & HUMAN SERV [US]	C12Q1/68	Method of sequencing nucleic acids
NZ579206 A 20110429	US20050691768P 20050616; US20040631460P 20041129; US20040631437P 20041129; US20040609918P 20040915; US20040590931P 20040702; WO2005US24054 20050705	US GOVERNMENT [US]	C12Q1/68; C12M1/34; C12Q1/70	Resequencing pathogen microarray
US2011033954 A1 20110210	US20100845177 20100728; US20060578405 20060505; WO2003US34897 20031105	US GOVERNMENT [US]	G01N33/544; A61K39/00; A61K47/48	Biofunctionalized quantum dots for biological imaging

Publicação (número e data)	Prioridade	Depositante	CIP	Título
WO2011050039 A2 20110428	US20090253921P 20091022	US GOVERNMENT [US]; DELEHANTY JAMES B [US]; MEDINTZ IGOR L [US]; MATTOUSSI HEDI M [US]; DESCHAMPS JEFFREY R [US]; DAWSON GLYN [US]; DAWSON PHILIP E [US]; BLANCO- CANOSA JUAN BAUTISTA [ES]; BOENEMAN KELLY [US]	A61K9/127; A61K9/38; A61K9/51; A61K47/02; A61K47/30; A61K47/42; G01N33/68	Modular functional peptides for the intracellular delivery of nanoparticles
WO2011002827 A1 20110106	US20090495082 20090630	UT BATTELLE LLC [US]; SIMPSON JOHN T [US]; IVANOV ILIA N [US]; SHIBATA JASON [US]	A61F2/50; A61F2/76; A61F2/78	Self-cleaning skin-like prosthetic polymer surfaces
US2011064813 A1 20110317	US20100851851 20100806; US20090243039P 20090916	VAUGHN CHARLES [US]	A61K31/618; A61K9/14; A61P3/10; A61P9/00; A61P19/02; A61P29/00; A61P31/18; A61P35/00	Use of salsalate with or without caffeine and with or without omega 3, and other pharmaceutical compounds in a distinctively unique nano- particulate capsule and tablet
CA2780549 A1 20110519	US20090260607P 20091112; WO2010US56340 20101111	VBI TECHNOLOGIES LLC [US]	C12N5/0789; C12N5/00; C12N5/071; C12N5/077; C12N5/0775; C12N5/0797	Subpopulations of spore-like cells and uses thereof
US2011014698 A1 20110120	DE200710054691 20071114; WO2008DE01825 20081107	VEITH MICHAEL [DE]; NARZ FRANK [DE]	C12N5/09; C12N5/071	Use of nanopatterned surfaces and method for enriching or isolating cellular subpopulations
DE102009042036 A1 20110331	DE200910042036 20090917	VER ZUR FOERDERUNG VON INNOVATIONEN DURCH FORSCHUNG ENTWICKLUNG UND TECHNOLOGIETRANSFER E V VEREIN I [DE]	C08K3/22; A61L27/04; A61L27/14; A61L27/52; C08J3/28; C08K9/00; C08L5/00; C08L101/02	Mixture, useful e.g. As soft tissue substitute, comprises organic, polymerizable compound, magnetic, spinel-type nanoparticles comprising iron, manganese, magnesium, titanium, zinc or oxygen and organic and/or inorganic substances

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
WO2011006011 A2 20110113	US20090223812P 20090708	VIRGINIA TECH INTELL PROP [US]; REINEKE THERESA [US]; BRYSON JOSHUA [US]	C08G69/44; C08G73/16; C12Q1/68; G01N24/08; G01N33/68	Theranostic polycation beacons comprising oligoethyleneamine repeating units and lanthanide chelates
EP2314251 A1 20110427	EP20090173565 20091020	VRESPA GIUSEPPE [IT]	A61C8/00; A61L27/06	Dental implant with nanotube surface with micrometric cavities
CZ302421 B6 20110511	CZ20090000640 20091001	VYSOKA SKOLA BANSKA TECHNICKA UNIVERZITA OSTRA VA [CZ]	A61C5/00; A61C8/00; A61K6/04; B82B3/00; B82Y5/00; B82Y40/00	Process for producing nanostructural titanium half-finished product for implants
US2011052609 A1 20110303	DE200810003615 20080109; WO2009DE00038 20090109	WALDOEFNER NORBERT [DE]; STIEF KERSTIN [DE]	A61K33/26; A61K39/395; A61P19/02; A61P29/00; A61P31/04; A61P35/00	Magnetic transducers
US2011123632 A1 20110526	US20100954410 20101124; US20090264563P 20091125	WILDCAT DISCOVERY TECHNOLOGIES INC [US]	A61K9/16; A61K9/14; A61K39/00; A61K39/02; A61K39/12; A61P31/04; A61P31/12; A61P35/00; A61P37/04	Nanoscale adjuvants and related pharmaceutical compositions and methods
US2011070308 A1 20110324	US20090565653 20090923	WILLIAMS WESLEY L [US]; STEPHENSON WILLIAM MONROE [US]	A61K9/14; A61K36/00	Bed bug insecticide
US2011028537 A1 20110203	US20100727061 20100318; US20080053440 20080321; US20070919687P 20070323; US20070974980P 20070925; US20070989058P 20071119	WISCONSIN ALUMNI RES FOUND [US]	A61K48/00; A61P3/10; A61P25/00; A61P25/16; C07H21/04; C12N5/074; C12N5/10; C12N7/00; C12N15/63	Somatic cell reprogramming



<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011142804 A1 20110616	US20100954829 20101126; US20090264440P 20091125	WORCESTER POLYTECH INST [US]	A61K35/12; A61P9/00; C12N11/00; C12N11/02; C12N11/08	Nanofiber scaffold
US2011093020 A1 20110421	US20100807785 20100914; US20090276499P 20090914	WU YANGGUAN [US]	A61B17/86; A61K9/14; A61K35/12; A61P19/08; C07K14/51; C12N5/0789	Poly-porous hollow screw for target delivery of growth factors and stem cells:the design and potential clinical application
CN102102125 A 20110622	CN20101571080 20101129	WUXI JIUGUANG NANO BIOTECHNOLOGY CO LTD	C12Q1/68	Method for detecting dna sequence through polymerase chain reaction staining technology
CN102078306 A 20110601	CN20111004285 20110111	WUXI YUANRONG BIO PHARMACEUTICAL CO LTD	A61K9/19; A61K9/08; A61K31/337; A61K47/42; A61P35/00	Taxol nanoparticle freeze-drying preparation containing recombinant human serum albumin
WO2011011978 A1 20110203	WO2009CN00862 20090731	XI AN LIBANG MEDICAL TECHNOLOGY CO LTD [CN]; HU RENLE [CN]; WANG JIUCHENG [CN]; CHEN TAO [CN]; LIANG HUA [CN]; DING DUOHAO [CN]; JIAO YAQI [CN]	A61K47/34; A61K9/16	Nanosphere or microsphere drug carrier, preparation method, composition and use thereof
WO2011022861 A1 20110303	WO2009CN00990 20090831	XI AN LIBANG MEDICAL TECHNOLOGY CO LTD [CN]; HU RENLE [CN]; WANG JIUCHENG [CN]; JIAO YAQI [CN]; LIANG HUA [CN]; DING DUOHAO [CN]	A61K31/565; A61K9/14; A61K47/34; A61P35/00	Fulvestrant nanosphere/microsphere and preparative method and use thereof

Publicação (número e data)	Prioridade	Depositante	CIP	Título
CN101946986 A 20110119	CN20101189707 20100602	XINRONG CHEN	A41D13/00; A41D31/00; A61K31/045; A61K33/00; A61K33/04; A61K33/06; A61K33/08; A61K33/24; A61K33/26; A61K33/28; A61K33/32; A61K33/36; A61K33/38; A61K33/42; A61K35/32; A61K35/64; A61K36/714; A61K36/744; A61K36/804; A61K36/8965; A61K36/896	Nanometer anion fabric seaman body-building working uniform with characteristics of ultra- oleophobic and ultra-hydrophilic properties, antifouling property and self-cleaning property
US2011152643 A1 20110623	US20100903157 20101012; US20090251269P 20091013	XUE RUIPENG [US]; GOUMA PELAGIA [US]	A61B5/00	"Band-aid"-type potassium ion (k+) biosensor
US2011008451 A1 20110113	US20090922023 20090311; US20080074070P 20080619; US20080068987P 20080311; WO2009US36803 20090311	YALE UNIVERSITY CONNECTICUT	A61K9/51; A61K9/14; A61K31/7105; A61K31/713; A61P37/00; C12N15/11; C12N15/113	Compositions and methods for controlled delivery of inhibitory ribonucleic acids
US2011070202 A1 20110324	US20100807999 20100917; US20090243737P 20090918	YAROWSKY PAUL [US]; FISHMAN PAUL [US]; PUCHE ADAM [US]; SHEN WEI-BEN [US]	A61K35/12; A61P25/00	Targeted delivery to the brain of magnetically labeled stem cells

Publicação (número e data)	Prioridade	Depositante	CIP	Título
US2011135734 A1 20110609	US20050578945 20050420; US20040563462P 20040420; WO2005IL00416 20050420	YISSUM RES DEV CO [IL]	A61K9/14; B01J13/00; B01J13/16; B29B9/00	Method for the preparation of nanoparticles from nanoemulsions
WO2011010305 A2 20110127	US20090227472P 20090722	YISSUM RES DEV CO [IL]; UNIV RAMOT [IL]; BANIN URI [IL]; YITZCHAIK SHLOMO [IL]; CHESHNOVSKY ORI [IL]; HANEIN Yael [IL]; SERNAGOR EVELYNE [GB]	A61N1/00; A61N1/36; H01L51/44	Photoelectrical devices for stimulating neurons
KR20110056042 A 20110526	KR20090112718 20091120	YUHAN CORP [KR]	A61K47/48; A61K9/10; A61K47/02; A61P35/00	Nano particles for tumor-targeting and processes for the preparation thereof
US2011087009 A1 20110414	US20100970885 20101216; SG20010002700 20010509; US20040477386 20040517; WO2002SG00061 20020415	YUN SUNG LAI JIMMY [SG]; CHEN JIAN FENG [SG]	C07K1/14; A61K9/14; B01F15/02; B01J13/04; B01J13/10; C07C67/48	Process for the controlled production of organic particles
CN102100712 A 20110622	CN20111039788 20110217	YUNNAN PHYTOPHARMACEUTICAL CO LTD	A61K36/258; A61P7/02; A61P7/04; A61P9/00; A61P9/10; A61P9/12; A61P29/00; A61P39/00	Method for extracting panax notoginseng saponins by using continuous countercurrent ultrasonic extraction combined film technology
CN201743976U U 20110216	CN20092215696U 20091231	YUNZHENG ZHOU	A61L9/22; B01D53/86; B03C3/04; B61D27/00	Plasma air disinfection purifier of air conditioning train

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
WO2011011631 A2 20110127	US20090227495P 20090722	ZALIPSKY SAMUEL [US]; WANG LI [US]; DING ZHONGLI [US]; LUO BING [US]	A61K48/00	Nucleic acid delivery vehicles
DE102009037708 A1 20110317	DE200910037708 20090817	ZEISS CARL SURGICAL GMBH [DE]	A61F9/007; A61B3/10; A61F2/16	Product for use in optical coherence tomography used in eye surgery, particularly cataract surgery and for use as e.g. Intraocular lens, comprises light mediating substrate with nanoparticles
US2011104073 A1 20110505	US20100880653 20100913; US20090522938 20090826; WO2008US50557 20080109; US20070885512P 20070118	ZENG QI [US]; BAKER IAN [US]	A61K49/00; A61N2/00; A61P35/00; B05D5/12	Iron/iron oxide nanoparticle and use thereof
WO2011017698 A1 20110210	US20090232252P 20090807	ZEUS INC [US]; ANNEAUX BRUCE L [US]; BALLARD ROBERT L [US]	A61F2/06	Prosthetic device including electrostatically spun fibrous layer and method for making the same
CN102058532 A 20110518	CN20101612302 20101230	ZHANGJIAJIE MAOYANMEI CO LTD	A61K9/12; A61K31/352; A61K47/24; A61K47/44; A61K47/46; A61P1/02	Compound dihydromyricetin oral aerosol and preparation method thereof
CN201701876U U 20110112	CN20102193768U 20100517	ZHEJIANG SHENGSHI BIOLOG TECHNOLOGY CO LTD	B01D61/00; A61K36/899; A61P1/16; A61P3/06; A61P9/00; A61P17/00; A61P35/00; A61P39/00; A61P39/06; B01D61/18	Membrane separating system for extracting bioactive compositions from bamboo leaves

<b>Publicação (número e data)</b>	<b>Prioridade</b>	<b>Depositante</b>	<b>CIP</b>	<b>Título</b>
US2011020242 A1 20110127	US20080747815 20081212; US20070013233P 20071212; US20080104506P 20081010; WO2008CA02203 20081212	ZHENG GANG [CA]; ZHANG ZHIHONG [CA]; CORBIN IAN [CA]; CHEN JUAN [CA]	A61K49/14; A61K9/14; A61K49/00; A61P35/00; C07K17/02	High-density lipoprotein-like peptide-phospholipid scaffold ("hpps") nanoparticles
CN102085221 A 20110608	CN20101576784 20101207	ZHONGZHENG CHEN; GUANGMING LI	A61K36/00	Nanocrystallization extraction method of chinese herbal medicine
CN102058683 A 20110518	CN20101576779 20101207	ZHONGZHENG CHEN; GUANGMING LI	A61K36/71; A61P25/30	Nano chinese herbal preparation used for drug rehabilitation and preparation method thereof

## ANEXO I - Códigos dos Principais Países

<b>Código</b>	<b>País</b>	<b>Código</b>	<b>País</b>
<b>AR</b>	Argentina	<b>IN</b>	Índia
<b>AT</b>	Áustria	<b>IS</b>	Islândia
<b>AU</b>	Austrália	<b>IT</b>	Itália
<b>BE</b>	Bélgica	<b>JP</b>	Japão
<b>BG</b>	Bulgária	<b>KR</b>	República Da Coreia
<b>BR</b>	Brasil	<b>LU</b>	Luxemburgo
<b>BS</b>	Bahamas	<b>LV</b>	Letônia
<b>CA</b>	Canadá	<b>MA</b>	Marrocos
<b>CH</b>	Suíça	<b>MD</b>	Republica Moldova
<b>CN</b>	China	<b>MX</b>	México
<b>CZ</b>	República Tcheca	<b>NL</b>	Holanda
<b>DE</b>	Alemanha	<b>NO</b>	Noruega
<b>DK</b>	Dinamarca	<b>NZ</b>	Nova Zelândia
<b>DZ</b>	Argélia	<b>OA</b>	African Intellectual Property Organization (OAPI) <sup>1</sup>
<b>EA</b>	Organização de Patentes da Eurásia (EAPO) <sup>1</sup>	<b>PH</b>	Filipinas
<b>EE</b>	Estônia	<b>PL</b>	Polônia
<b>EG</b>	Egito	<b>PT</b>	Portugal
<b>EP</b>	Organização Europeia de Patentes (EPO) <sup>1</sup>	<b>RO</b>	Romênia
<b>ES</b>	Espanha	<b>RU</b>	Federação Russa
<b>FI</b>	Finlândia	<b>SE</b>	Suécia
<b>FR</b>	França	<b>SG</b>	Singapura
<b>GB</b>	Reino Unido	<b>SI</b>	Eslovênia
<b>GR</b>	Grécia	<b>SK</b>	Eslováquia
<b>HK</b>	Região Administrativa Especial de Hong Kong Da República Popular da China	<b>TR</b>	Turquia
<b>HR</b>	Croácia	<b>TW</b>	Taiwan
<b>HU</b>	Hungria	<b>UA</b>	Ucrânia
<b>ID</b>	Indonésia	<b>US</b>	Estados Unidos
<b>IE</b>	Irlanda	<b>WO</b>	Organização Mundial de Propriedade Intelectual (WIPO) <sup>2</sup>
<b>IL</b>	Israel	<b>ZA</b>	África do Sul

Fonte: <http://www.wipo.int/export/sites/www/scit/en/standards/pdf/030301.pdf>, acesso: março 2008

<sup>1</sup> A OAPI é um organismo intergovernamental encarregado de emitir títulos de proteção dos direitos de propriedade industrial e de prestar serviços relacionados com a propriedade industrial para cada um dos Estados-membros. Aplica uma legislação uniforme que tem lugar de lei nacional para cada um dos Estados-Membros: o Acordo de Bangui. Estes títulos de proteção têm efeito automático em cada um dos seguintes Estados-membros: Benim, Burkina Faso, Camarões, África Central, Congo, Costa do Marfim, Gabão, Guiné, Guiné Bissau, Guiné Equatorial, Mali, Mauritânia, Nigéria, Senegal, Chade e Togo.

<sup>2</sup> O código "WO" é utilizado para a publicação internacional dos pedidos depositados via Tratado de Cooperação em Matéria de Patentes (PCT) em qualquer um dos países receptores destes pedidos.