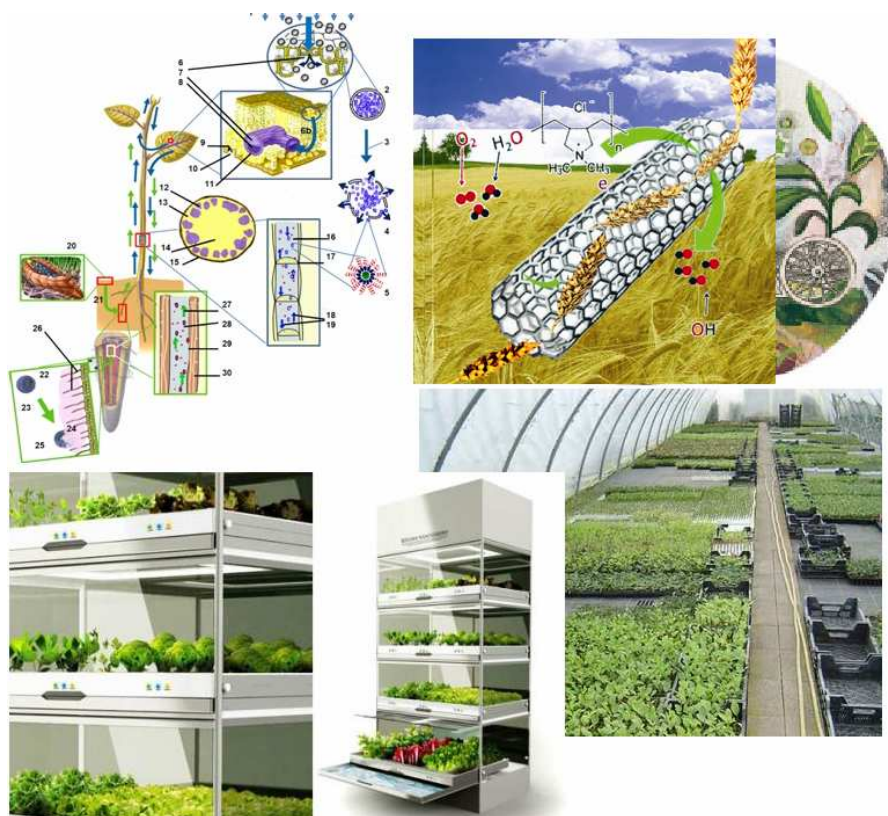


# Pedidos de Patente sobre Nanotecnologia na Agricultura nº 1



Fonte da imagem: [www.google.com/advanced\\_image\\_search](http://www.google.com/advanced_image_search)

Pedidos publicados no  
1º semestre de 2011

Diretoria de Cooperação para o Desenvolvimento – DICOD  
Centro de Disseminação da Informação Tecnológica – CEDIN  
Coordenação de Estudos e Programas – CEPRO  
Fevereiro de 2012

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- A partir deste Alerta Tecnológico, além do número sequencial de todos os alertas publicados (nº 64), constará, também, o número relativo ao assunto específico de cada alerta, após seu título. Neste caso: “Pedidos de Patente sobre Nanotecnologia na Agricultura – nº 01”.

## **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 e período de tempo, 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. Desta forma, busca-se 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 nº 3, 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.

INPI/DICOD/CEPRO:

Instituto Nacional da Propriedade Industrial – INPI  
Diretoria de Cooperação para o Desenvolvimento - DICOD  
Coordenação de Estudos e Programas – CEPRO  
Praça Mauá, 7, sala 714, Centro, Rio de Janeiro, RJ , CEP 20083-900  
Tel. (21) 3037 3101 , Fax. (21) 3037 3354  
e-mail: [cedin@inpi.gov.br](mailto:cedin@inpi.gov.br)

As cópias integrais dos pedidos de patente de interesse também podem ser solicitadas por meio do endereço [copdocpat@inpi.gov.br](mailto:copdocpat@inpi.gov.br) ou por correio postal ao endereço anteriormente 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>Contêm pedidos de patente depositados e publicados em mais de 70 países.

<sup>3</sup>Contêm 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 PATENTE SOBRE NANOAGRO

Nesta publicação são abordados aspectos da “Nanotecnologia Aplicados à Agricultura - NANOAGRO”. Esta nova abordagem substitui a anteriormente adotada na série de alertas publicados desde fevereiro de 2009, que versava sobre Nanotecnologia Geral (disponível em <http://www.inpi.gov.br/index.php/quem-somos/noticias/notas/403-alerta-tecnologico>) com uma visão mais generalista do tema.

Tal alteração é motivada em decorrência do elevado e crescente número de documentos depositados no setor Nanotecnologia Geral que tem dificultando a análise da grande massa de dados de forma mais objetiva.

Ao longo dos últimos seis semestres, através da série que vinha sendo publicada, foi possível verificar a evolução dos depósitos em nanotecnologia no mundo, observando-se o espalhamento dos depósitos nas diversas áreas de concentração, que de certa forma corroborou essa nova abordagem. Através da especialização do tema voltada para agricultura, escolhido face a sua importância relativa para o país, bem como em função de algumas pesquisas que estão sendo realizadas no Brasil.

Diante deste cenário, e dado a escassez de levantamentos relacionados aos documentos de patente publicados sobre Nanotecnologia Aplicada a Agricultura - Nanoagro, o INPI vem, por meio da CEPRO, disponibilizar ao público interessado o acesso a informações extraídas dos sistema de patentes.

Já neste trabalho observa-se que o número de pedidos publicados relacionados à Nanoagro tem mantido a mesma taxa de crescimento expressiva, encontrada nas informações divulgadas por meios não patentários. Pode-se observar que apesar de ser uma tecnologia ainda em desenvolvimento fica evidenciada a opção pela utilização do sistema de Propriedade Industrial face demanda de pedidos depositados.

Este Alerta Tecnológico tem como objetivo divulgar os novos pedidos de patente sobre Nanoagro 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 formadas por vocábulos grafados na língua inglesa e que são referentes aos

assuntos de interesse. Essas palavras foram truncadas em posições que permitissem recuperar o máximo de documentos. Os resultados destas buscas foram cruzados com as classificações do sistema de Classificação Internacional de Patentes – CIP específicas para cada segmento selecionado.

## 2- RESULTADOS

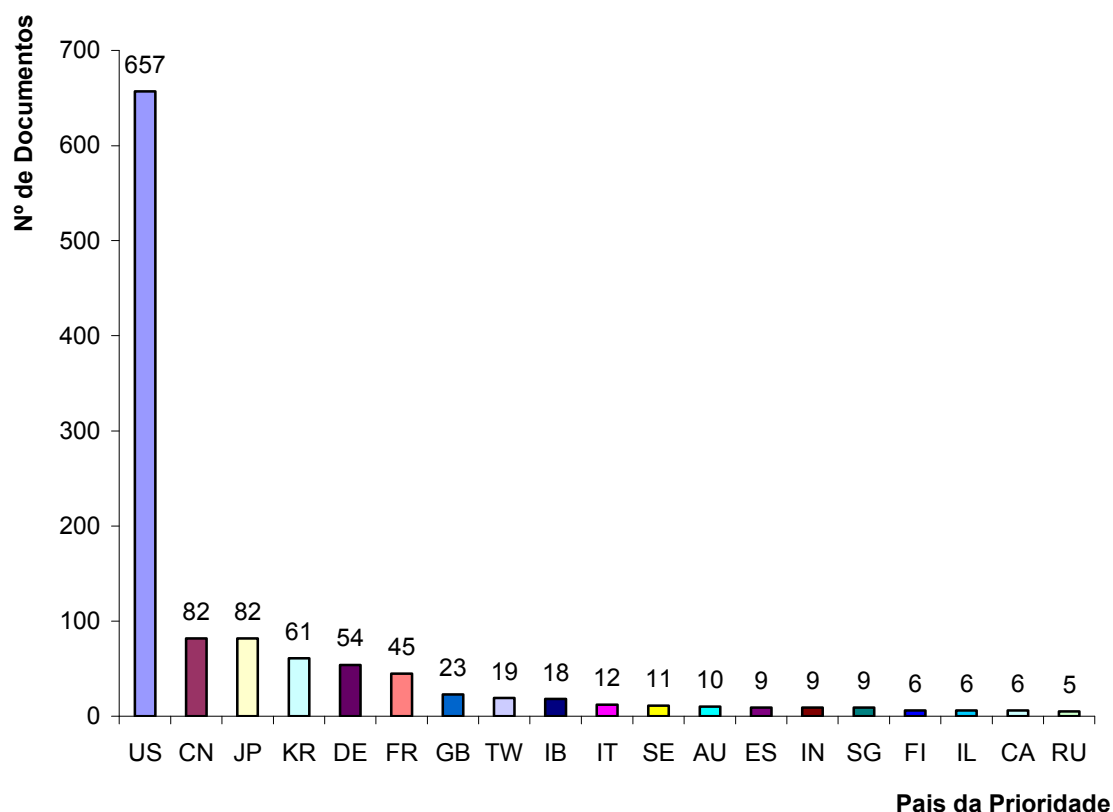
No semestre pesquisado, foram selecionados 1454 documentos de patente que abordam tecnologias relacionadas à nanotecnologia aplicada a agricultura. De acordo com o gráfico nº 1, pode-se identificar os países\* de prioridade (país onde foi realizado o primeiro depósito do pedido de patente) observando-se também a ocorrência de documentos em cada país. De acordo com este gráfico os cinco principais países de prioridade são: Estados Unidos da América, China, Japão, Coreia e Alemanha. Embora constem do ranking os depósitos WO e EP estes não foram referidos por não serem países.

Observa-se uma certa liderança do Estados Unidos, e também o surgimento da China neste cenário. A partir dos resultados apresentados neste gráfico pode-se inferir que as tecnologias estão sendo desenvolvidas, principalmente, nos países indicados, já que geralmente os depositantes solicitam a prioridade a partir de seus países de origem. Alternativamente isso poderia indicar o interesse do primeiro depósito nos mercados destes países. Observa-se que o Brasil não aparece no ranking de países de prioridade<sup>5</sup>, ou seja, não foi o país escolhido para ser efetuado o primeiro depósito. Isso pode, portanto, significar a ausência brasileira no desenvolvimento de produtos ou processos relacionados à nanoagro ou que ainda só existe interesse das empresas estrangeiras no mercado nacional.

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<sup>5</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 modelo de utilidade. Ver art. 16, da Lei da Propriedade Industrial (LPI), nº 9.279/96 – disponível em [www.inpi.gov.br](http://www.inpi.gov.br).

Gráfico 1: Países de prioridade dos pedidos de patente recuperados x número de documentos



Fonte: INPI

De acordo com o gráfico nº 1 os cinco principais países de prioridade são:

- US – Estados Unidos da América,
- CN – China,
- JP – Japão,
- KR – Coréia,
- DE - Alemanha.

O gráfico nº 2 permite o identificar as principais tecnologias relacionadas ao tema, descritas nos pedidos de patente publicados no período. Para este levantamento, foram computadas somente as classificações presentes em mais de 12 documentos.

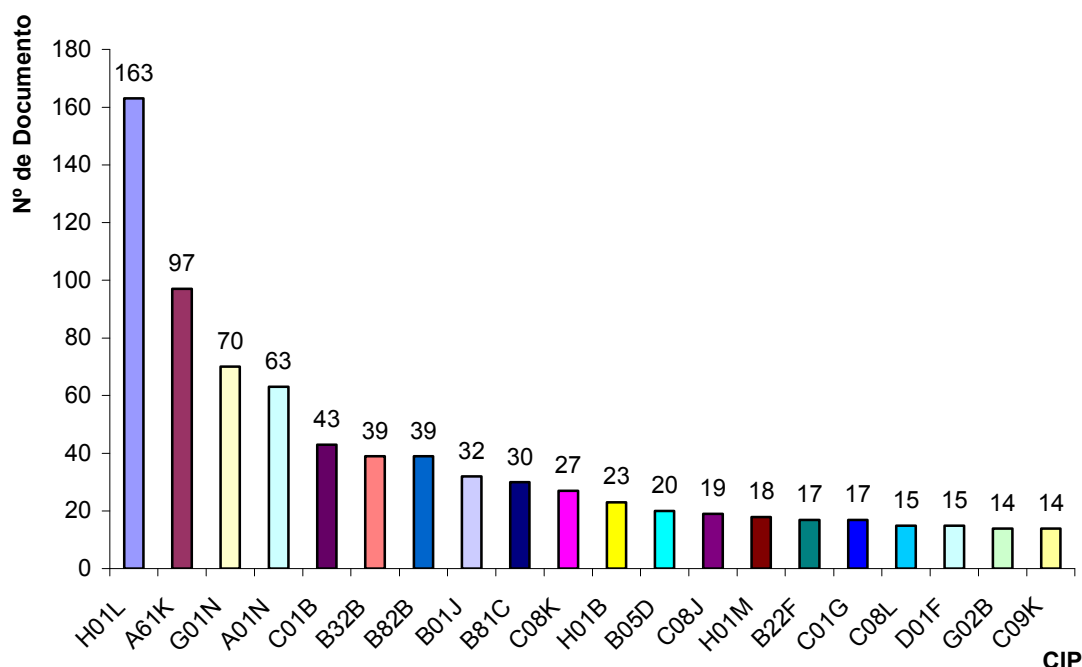
Analisando o gráfico nº 2, verifica-se que as cinco maiores incidências dizem respeito a: 163 ocorrências da classificação H01L que está relacionada a “Dispositivos semicondutores dispositivos elétricos em estado sólido não



incluído em outro local”; 97 ocorrências na A61K referente a “Preparações para finalidades médicas, odontológicas ou higiênicas”; 70 ocorrências na G01N referente a “Investigação ou análise dos materiais pela determinação de suas propriedades químicas ou físicas”; 63 ocorrências na A01N referente a conservação de corpos de seres humanos ou animais ou plantas ou partes dos mesmos; biocidas, por ex., como desinfetantes, como pesticidas ou como herbicidas; repelentes ou atrativos de pestes; reguladores do crescimento de plantas; 43 ocorrências na C01B referentes a conservação de corpos de seres humanos ou animais ou plantas ou partes dos mesmos; biocidas, por ex., como desinfetantes, como pesticidas ou como herbicidas; repelentes ou atrativos de pestes; reguladores do crescimento de plantas.

Dáí, pode-se depreender que a grande maioria dos documentos de patente relacionados a Nanoagro estão distribuídos por diversas áreas tecnológicas não havendo ainda a predominância de uma delas. Comparando-se com a evolução da Nanotecnologia Geral, verifica-se que a Nanoagro também apresenta uma tendência de crescimento contínuo.

Gráfico 2: Classificações Internacionais de patentes (CIP) x número de ocorrências



Fonte: INPI

H01L –	Dispositivos semicondutores dispositivos elétricos em estado sólido não incluído em outro local
A61K –	Preparações para finalidades médicas, odontológicas ou de toalete
G01N –	Investigação ou análise dos materiais pela determinação de suas propriedades químicas ou físicas
A01N –	Conservação de corpos de seres humanos ou animais ou plantas ou partes dos mesmos; biocidas, por ex., como desinfetantes, como pesticidas ou como herbicidas; repelentes ou atrativos de pestes; reguladores do crescimento de plantas
C01B –	Elementos não metálicos seus compostos
B32B –	Produtos em camadas
B82B –	Nano estruturas formadas por manipulação individual de átomos, moléculas, ou grupos limitados de átomos ou moléculas como unidades discretas; fabricação ou seu tratamento
B01J –	Processos químicos ou físicos
B81C –	Processos ou aparelhos especialmente adaptados para a fabricação ou tratamento de dispositivos ou sistemas de microestrutura
C08K –	Composições de compostos macromoleculares
H01B –	Cabos condutores isoladores utilização de materiais específicos devido as suas propriedades condutoras, isolantes ou dielétricas
B05D –	Processos para aplicação de líquidos ou de outros materiais fluentes a superfícies em geral
C08L –	Composições de compostos macromoleculares
D01F –	Características químicas da manufatura de filamentos, linhas, fibras, cerdas ou fitas artificiais; aparelhos especialmente adaptados para a manufatura de filamentos de carbono
G02B –	Elementos, sistemas ou aparelhos ópticos
C09K –	Materiais para aplicações diversas, não incluídas em outro local aplicações de materiais não incluídos em outro local

Na tabela nº 1, a seguir, são identificados os depositantes com maior número de pedidos de patente publicados no período. A primeira coluna contém os nomes dos depositantes, a segunda o país de origem e a terceira o total de documentos recuperados no período para cada titular.

Tabela 1: Relação dos principais titulares e nº de pedidos de patente publicados no 1º semestre de 2011

Depositante(s)	País	Nº de Documentos
IBM	US	25
MASSACHUSETTS INST TECHNOLOGY	US	21
COMMISSARIAT ENERGIE ATOMIQUE	FR	16
SAMSUNG ELECTRONICS CO LTD	KR	16
UNIV CALIFORNIA	US	16
BASF SE	DE	13
NAT UNIV TSINGHUA	TW	12
3M INNOVATIVE PROPERTIES CO	US	10
CENTRE NAT RECH SCIENT	FR	10
BAYER MATERIALSCIENCE AG	DE	8
GP MEDICAL INC	US	8
HON HAI PREC IND CO LTD	TW	8
UNIV NORTHWESTERN	US	8
UNIV TSINGHUA	CN	8
HARVARD COLLEGE	US	7
NANTERO INC	US	7
AGENCY SCIENCE TECH & RES	SG	6
HEWLETT PACKARD DEVELOPMENT CO	US	6
LIFE TECHNOLOGIES CORP	US	6
NANOSYS INC	US	6

Fonte: INPI

Podemos observar na tabela acima a presença predominante de depositantes americanos. Verifica-se também a existência de várias universidades que depositaram seus pedidos. Por outro lado, seguindo a mesma tendência observada nos Alertas de Nanotecnologia Geral publicados nos semestres anteriores nos quais aparecem mais empresas entre os principais depositantes, e caso persista, tal tendência pode significar o início do surgimento de tecnologias de uso comercial.

Quando observamos os depositantes brasileiros listados na tabela nº 2, seguindo a tendência observada nas publicações anteriores sobre Nanotecnologia Geral, as empresas começam a aparecer mais no topo da tabela.

Tabela 2: Dados bibliográficos dos pedidos de patente relacionados à nanoagro depositados por residentes no Brasil publicados no 1º semestre de 2011

Número de Publicação	Prioridade	Depositantes	Classificação	Título
BRPI0616051 A2 20110607	DE200510045666; WO2006EP08713;	ITN NANOVATION AG;	B22C001/0018; C04B035/0478;	camada ou revestimento e uma composição para a produção da mesma
BRPI0707932 A2 20110531	US20060773538P; WO2007US04182;	ISTVAN RUDYARD LYLE;	B82B001/0000; C01B003/0008; H01M004/0058; B82B003/0000;	carbonos ativados mesoporosos
BRPI0708577 A2 20110531	EP20060110745;W O2007EP52081;	JANSSEN PHARMACEUTICA NV;	A01N043/0050; A01P003/0000; B27K003/0052; A01N059/0016;	combinações de imazalil e compostos de prata
BRPI0615286 A2 20110517	DE200510042023;D E200610023481;W O2006EP65878;	THOR GMBH;	A01N043/0080; A01N059/0016;	composição biocida, seu uso, bem como produto, e seu processo de produção
BRPI0615286 A2 20110517	DE200510042023;D E200610023481;W O2006EP65878;	THOR GMBH;	A01N043/0080; A01N059/0016;	composição biocida, seu uso, bem como produto, e seu processo de produção
BRPI0613420 A2 20110531	US20050186510;W O2006US28090;	COLGATE PALMOLIVE CO;	A61Q011/0000; A61K008/0027;	composição oral, filme, dentífrico, artigo para o cuidado oral, e, método de manutenção ou promoção da saúde de humano ou animal
BRPI0613420 A2 20110531	US20050186510;W O2006US28090;	COLGATE PALMOLIVE CO;	A61Q011/0000; A61K008/0027;	composição oral, filme, dentífrico, artigo para o cuidado oral, e, método de manutenção ou promoção da saúde de humano ou animal
BRPI0614329 A2 20110322	US20050706469P; WO2006US30609;	CABOT CORP;	C08K007/0006; C08K003/0004; C08L023/0008; H01B001/0024; C08J005/0000;	composições poliméricas contendo nanotubos
BRPI0708587 A2 20110607	US20060276620;W O2007US04295;	3M INNOVATIVE PROPERTIES CO;	C08K007/0022; C08L027/0000; C08K003/0004; C08L027/0012;	compósitos de polímero

Número de Publicação	Prioridade	Depositantes	Classificação	Título
BRPI0616007 A2 20110531	KR20050064778;W O2006KR00493;	KOREA RES INST OF BIOSCIENCE;	A61K008/0019;	composto de pigmento cosmético contendo nano-partículas de ouro ou prata
BRPI0901577 A2 20110104	BR2009PI01577;	UNIV FED DE PERNAMBUCO;	H01L021/0002;	dispositivo semiconductor nanoestruturado do tipo varistor constituído de polímero condutor e óxido de zinco e metais
BRPI0706644 A2 20110405	US20060759585P; WO2007EP50512;	SPARKXIS B V;	B22F001/0000; C08K009/0006; C08K003/0022; C09D007/0012; C09C001/0036; H01L033/0000;	materiais monoméricos e poliméricos
BRPI0708373 A2 20110607	US20060405280;W O2007EP51062;	ALTANA ELECTRIAL INSULATION GMBH;	H01B007/0002; C09C001/0040; C09D201/0006; C01F007/0002; B01F017/0000;	método de preparar dispersão estável de nano-alumina derivada de sol e método de revestimento de fio
BRPI0611310 A2 20110419	US20050139690;W O2006US20941;	UNIV ALABAMA;	H01F001/0000;	métodos de preparação de lâminas e filmes de alta orientação contendo nanopartículas através da utilização de líquidos iônicos, e as lâminas e os filmes produzidos por estes
BRPI0707602 A2 20110510	US20060771306P;U S20060771504P;W O2007US03390;	ACRYMED INC;	B05D003/0004; B32B015/0002; B22F007/0004; B22F007/0008; B05D003/0010;	métodos de tornar uma superfície elastomérica eletricamente condutiva, artigo, método de tornar um artigo ou superfície que contacta um fluido resistente à formação de biofilme e nanopartícula de metal
BRPI0706600 A2 20110329	US20060759457P; WO2007US01226;	PPG IND OHIO INC;	C23C014/0022; C03C001/0000; C03C014/0000; B22F001/0000; B22F009/0002; C23C014/0000;	métodos para produção de partículas, nanopartículas e para revestir um líquido iônico, composições, filme e aparelho para produção de partículas
BRPI0706696 A2 20110405	US20060336948;W O2007US01235;	MOMENTIVE PERFORMANCE MAT INC;	C08L083/0004; C08K009/0004; C08G077/0004; C08K003/0034;	nanocompósito inorgânico e orgânico

Número de Publicação	Prioridade	Depositantes	Classificação	Título
BRPI0614682 A2 20110412	US20050200669;US 20050201352;US20 050201355;WO200 6US31081;	DIRECTA PLUS PATENT & TECHNOLOGY LTD;	B01J023/0000;	processo e aparato para a produção de materiais de catalisador construído
BRPI0614681 A2 20110412	US20050200965;US 20050200966;US20 050200985;WO200 6US31082;	DIRECTA PLUS PATENT & TECHNOLOGY LTD;	B01J023/0000;	processo e aparelho para produção de materiais de suporte revestidos de catalisador
BRPI0613344 A2 20110104	NO20050006149;U S20050690863P;W O2006NO00229;	SINVENT AS;	B08B003/0000; C01B031/0002; H05H001/0050;	processo para produzir nanotubos de carbono e reator para produzir nanotubos de carbono
BRPI0614679 A2 20110412	US20050200668;US 20050201353;WO2 006US31080;	DIRECTA PLUS PATENT & TECHNOLOGY LTD;	B22F009/0000; B01J019/0000; B01J037/0002;	produção contínua de nanopartículas metálicas
BRPI0707159 A2 20110426	US20060336950;W O2007US01236;	MOMENTIVE PERFORMANCE MAT INC;	E06B003/0663; C08L083/0004; C03C027/0010; C08J005/0000; C09K003/0010; C08K003/0034;	unidade de vidro isolada com composição vedante tendo reduzida permeabilidade a gás
BRPI0706382 A2 20110322	US20060328384;W O2007US00435;	MOMENTIVE PERFORMANCE MAT INC;	C03C027/0010; C03C017/0030; C09K003/0010; C08L083/0004;	unidade de vidro isolada possuindo composição contendo siloxano curável em temperatura ambiente de permeabilidade reduzida a gás

A tabela nº 3 a seguir apresenta o número do pedido, com sua(s) prioridade(s), o(s) nome(s) depositante(s), a classificação internacional atribuída ao documento e seu título.

Tabela 3: Dados bibliográficos dos pedidos de patente relacionados à Nanoagro publicados no 1º semestre de 2011

Número de Publicação	Prioridade	Depositantes	Classificação	Título
US2011152643 A1 20110623	US20090251269P;US 20100903157;		A61B005/0000;	band-aid"-type potassium ion (k+) biosensor"
WO2011037973 A1 20110331	US20090244918P;US 20090288378P;US201 00315441P;	CUTLER JOSHUA I;MIRKIN CHAD A;UNIV NORTHWESTERN;	A61B005/0055;	click" nanoparticle conjugates"
KR20110032999 A 20110330	KR20090090634;	KOREA ADVANCED INST SCI & TECH;	H01L021/0002; B82B003/0000;	3-dimensional nano structures composed of nano materialsgrown on mechanically compliant graphene films and method for preparing the same
CN101971092 A 20110209	SG20080009489;WO2 009SG00443;	HELIOS APPLIED SYSTEMS PTE LTD;	G03F001/0000; G03F007/0024; G03F007/0040;	3d mold for manufacture of sub-micron 3d structures using 2-d photonlithography and nanoimprinting and process thereof
EP2297794 A1 20110323	SE20080001621;WO2 009SE50878;	GLO AB;	H01L033/0000;	a nanostructured led
KR20110021160 A 20110304	KR20090078786;	KIM SI KYUNG;	A01C001/0006;	a composition for seed dipping
WO2011011828 A1 20110203	AU20090903542;	HUBBLE LEE;RASTON COLIN;SWAMINATHA IYER;UNIV WESTERN AUSTRALIA;WATLING JOHN;ZOU JIANLI;	G01R027/0022; G01N027/0004; B81B001/0000;	a device and methods of fabrication and use of said device
TW201111269 A 20110401	TW20090132419;	YANG JING-TANG;	B81B003/0000; B81B007/0000;	a device for droplets long-distance transport
HK1110298 A1 20110408	US19990115133P;US 19990157633P;	UNIV NORTHWESTERN;	B81C001/0000; B82B003/0000; G01Q070/0016;	a direct-write nanolithographic method

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WO2011010910 A1 20110127	MYPI20093048;	ABU BAKAR SALLEH;DZOLKHIFLI OMAR;LIM CHAW JIANG;MAHIRAN BASRI;MOHD BASYARUDDIN ABD RAHMAN;RAJA NOOR ZALIHA RAJA ABDUL RAHMAN;UNIV PUTRA MALAYSIA;	A01N057/0020; A01N025/0032; A01N025/0004;	a herbicide formulation
KR20110027723 A 20110316	DE200810031579;	BAYER MATERIALSCIENCE AG;	D06M011/0064; D01F009/0012; D01F011/0012;	a highly efficient gas phase method for modification andfunctionalization of carbon nanofibres with nitric acid vapour
EP2313915 A1 20110427	US20080221068;WO2 009FI50536;	NOKIA CORP;	H01L021/0336; H01L029/0006; H01L051/0000; H01L021/0335; H01L029/0775;	a lithographic process using a nanowire mask, andnanoscale devices fabricated using the process
WO2011036214 A1 20110331	GB20090016776;GB2 0090021013;	RASKIN JEAN-PIERRE;TANG XIAOHUI;UNIV LOUVAIN;	H01L021/0336; H01L029/0423; H01L021/0028; H01L029/0788; G11C016/0004;	a memory device and a method of manufacturing the memory device
KR20110072469 A 20110629	KR20090129413;	YOON MAL NO MI;	A01N059/0016; A01N025/0010; A01N025/0012; A01P001/0000;	a method for manufacturing antibiotic plastics with silvernano-particles infiltration
KR20110049923 A 20110512	US20020387919P;	CIMA NANO TECH ISRAEL LTD;	C09D175/0002; C23C024/0008; C09D011/0000; C09D201/0000; C09D005/0024; H01B001/0020; C09D005/0038; C09D101/0010; C23C030/0000; B82B003/0000; H01B001/0022; C09D007/0012;	a method for the production of conductive and transparentnano-coatings and nano-inks and nano-powder coatings and inks produced thereby



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EP2300219 A1 20110330	FI20080005570;WO2009FI50492;	EAGLE TUULIVOIMA OY;	B29C070/0046; C08J005/0000;	a method to produce engineered composite articles comprising epoxy and carbon nano tubes
EP2300807 A1 20110330	WO2008EP05330;	MAX PLANCK GESELLSCHAFT;	G01N021/0064;	a method, an apparatus, chemical kits and a program for analyzing the distribution of different types of nanostructures and/or sub-nanostructures in a sample
TW201111272 A 20110401	TW20090132417;	YANG JING-TANG;	B81C001/0000; B82B001/0000; B82B003/0000;	a novel method of self-assembling monolayer and the reaction time controlled for the formation of surfaces with controllable wettability
EP2294014 A2 20110316	TR20080003064;WO2009EP54847;	ARCELIK AS;DYO BOYA FABRIKALARI SANAYI VE TICARET ANONIM SIRKETI;	B01J035/0000; C09C001/0036; C01G023/0047;	a photocatalytic nanocomposite material
EP2268579 A2 20110105	IN2008MU00480;IN2008MU02655;WO2009IN00021;	TATA CHEMICALS LTD;	C01G009/0000; C01G009/0002; C01C001/0004; C03C017/0025;	a process for the preparation of nano zinc oxide particles
EP2268435 A1 20110105	IN2008MU00936;WO2009IB05401;	TATA CHEMICALS LTD;	B22F009/0024;	a process for the preparation of silver nano particles
KR20110029390 A 20110323	KR20090087045;	HANSEO UNIVERSITY ACADEMIC COOPERATION FOUNDATION;	B82B003/0000; B01J020/0285;	a production method of polymer nano composite fabricated over mesoporous materials
WO2011055247 A1 20110512	IN2009CH02743;IN2010CH01914;	GOVINDARAJUTHIMMAIAH;JAWAHARLAL NEHRU CT FOR ADVANCED SCIENT RES;	C07D241/0008; A61K031/0495; A61P025/0028; C07K005/0012;	a synthetic cyclic dipeptide and a process thereof
CN102090395 A 20110615	CN20111000856;	GUIZHOU RES INST OF TOBACCO SCIENCE;	A01N037/0042; A01N025/0028; A01P021/0000;	abscisic acid-embedded chitosan nanoparticles and preparation method thereof
US2011036431 A1 20110217	US20090540875;	UNIV KOREA RES & BUS FOUND;	F15C001/0006; F15C001/0004; B81B003/0000; B81B007/0002;	activatable nanoparticle composite valve

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MX2010014346 A 20110503	ES20080001902;ES20090030353;WO2009B53929;	NANOBIOMATTERS S L;	C08K011/0000; C08J007/0000; C08K003/0022; C08K003/0034; C08K003/0000;	active nanocomposite materials and production method thereof.
US2011005306 A1 20110113	US20060771560P;US20070672489;US20100886745;	HYSITRON INC;	G01N003/0048;	actuatable capacitive transducer for quantitative nanoindentation combined with transmission electron microscopy
JP2011078262 A 20110414	JP20090229460;	ALPS ELECTRIC CO LTD;	C08J005/0022; B81C099/0000; H02N011/0000;	actuator and method of manufacturing the same
KR20110025951 A 20110314	US20080060007P;US20090479200;	UNIV TEXAS;	G03F007/0000; G03F007/0020;	adaptive nanotopography sculpting
US2011059243 A1 20110310	US20070680419;US20100941549;		B05D003/0000;	adherends with enhanced surfaces
US2011124790 A1 20110526	FR20070008167;WO2008FR01627;	CENTRE NAT RECH SCIENT;	C08K003/0014; C01B031/0030;	aerogels of carbon nanotubes
EP2306818 A2 20110413	EP20080158664;EP20090765811;WO2009EP57329;	BASF SE;	A01N025/0028; A01N043/0080; A01N059/0016; A01N025/0022;	agrochemical formulations comprising a pesticide, an organicuv-photoprotective filter and coated metal-oxide nanoparticles

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CN102057961 A 20110518	CN20101543444;	YAODONG LI;ZHENGKUN ZHAO;	A01N031/0006; A01N065/0022; A01N033/0012; A01N047/0044; A01N065/0016; A01N065/0042; A01N065/0040; A01N043/0080; A01N031/0016; A01N059/0016; B01D053/0002; A01N065/0034; A01N057/0018; A01P001/0000;	air purifying composition and preparation method and use thereof
WO2011021183 A2 20110224	US20090272105P;	BEN-ISHAI MOSHIT;DUCOBNI TAMIR;ELNATHAN ROEY;ENGEL YONI;PATOLSKY FERNANDO;PEVZNER ALEXANDER;UNIV RAMOT;	B82Y010/0000; H01L029/0006; B82Y040/0000;	aligned nanoarray and method for fabricating the same
US2011026039 A1 20110203	US20070951002P;US 20080175258;US2010 0906742;	MOLECULAR IMPRINTS INC;	G01B011/0014;	alignment system and method for a substrate in a nano-imprintprocess
US2011039950 A1 20110217	EP20080007291;EP20 080019490;WO2009E P02511;	COGNIS IP MAN GMBH;	A61K008/0092; A61K047/0026;	alkyl and/or alkenyl ethers of alkyl and/or alkenyl (poly)glycosidesand their use
CN101970019 A 20110209	WO2007SG00407;	ANTIBAC LAB PTE LTD;	A61L009/0001; A01N059/0016; C09D183/0008;	an antimicrobial porous substrate and a method of making and using thesame
WO2011009465 A1 20110127	EP20090166255;US2 0090227888P;	CLAUDON JULIEN;COMMISSARIAT ENERGIE ATOMIQUE;GERARD JEAN- MICHEL;GREGERSEN NIELS;UNIV DANMARKS TEKNISKE;	H01L033/0000; H01L033/0006;	an electrically driven single photon source

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GB2472302 A 20110202	DE200910036103;DE 201010025254;GB201 00007421;GB2010001 0051;GB20100011099 ;	OHNESORGE FRANK MICHAEL;	G01Q040/0000; G01Q040/0002;	an in situ calibrated afm - normal and lateral force standards as well as tip radius and sample elasticity standards in scanning atomic force microscopy
EP2279054 A2 20110202	IE20080000326;US20 080071392P;US20080 136809P;WO2009IE0 0016;	NAT UNIV IRELAND;	H01L031/0002; H01M008/0000; H01L031/0224; H01M004/0088; C09D011/0000; B22F001/0000;	an ink comprising nanostructures
US2011070604 A1 20110324	US20080054787P;US 20080055416P;US200 80993826;WO2008US 85194;	UNIV CALIFORNIA;	C12M001/0034; C12Q001/0002;	analysis of ex vivo cells for disease state detection and therapeutic agent selection and monitoring
WO2011014446 A1 20110203	US20090533695;US2 0090533704;	NANTERO INC;RUECKESTHOMAS;SEN RAHUL;SIVARAJAN RAMESH;	G11C011/0000; H01L021/0020;	anisotropic nanotube fabric layers and films and methods of forming same
US2011074650 A1 20110331	CN20091308053;	FIH HONG KONG LTD;SHENZHEN FUTAIHONG PREC IND CO;	H01Q001/0038; H01Q001/0042;	antenna module and housing having the same
US2011120936 A1 20110526	US20080061099P;US 20090996857;WO200 9US46859;	UNIV TOLEDO;	B32B001/0002; C08L079/0000; B01D069/0010; C08G073/0002; B01D061/0010;	anti-biofouling materials and methods of making same
EP2314739 A1 20110427	EP20090173852;	KIM GYEONG-MAN;	A01K011/0000; D01D005/0000;	anti-migration casing for transponders

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WO2011033040 A2 20110324	GB20090016202;	ALEKSANDROVIC VESNA;CT FUER ANGEWANDTE NANOTECHNOLOGIE CAN GMBH;SCHLUNDT CHARIS RABEA;WERNER KATJA;WOOST MARIE;	C01G009/0002; A01N059/0006; A61K008/0027; A01N059/0020; B82Y005/0000; B82Y030/0000; B82Y040/0000; D06M011/0044; A61K033/0034; A01N025/0034; A61K033/0030; A01P001/0000; A01N059/0016;	antibacterial particles and their synthesis
CN102078273 A 20110601	CN20111003599;	FEI WANG;	A61K008/0097; A61P031/0002; A61K008/0028; A61K008/0029; A61Q019/0010; A01N065/0042; A01P003/0000;	antibiosis plant extract spray
US2011070306 A1 20110324	US19990131638P;US 19990474866;US2000 0561111;US20000751 059;US20010891086; US20010965447;US2 0020179547;US20060 506442;		A61K031/0522; A61K009/0107;	antimicrobial nanoemulsion compositions and methods
GB2472968 A 20110223	US20080078914P;WO 2009US49918;	HARRIS HOLLY;HENDRICK MICHELLE;HUNT ANDREW TYE;	A01N059/0016; A01N059/0020; A01N025/0034;	antimicrobial coatings
CA2763739 A1 20110210	EP20090167095;WO2 010EP60056;	DSM IP ASSETS BV;	A01N025/0012; C02F001/0050; A01N025/0010; C02F001/0068; A01P001/0000; A01N025/0034;	antimicrobial material for water sterilization

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NZ552928 A 20110527	US20040592687P;WO 2005US27261;	ACRYMED INC;	A01N025/0004;	antimicrobial silver compositions
US2011047662 A1 20110224	DE200710031112;WO 2008EP58151;		G01Q010/0006; G01Q060/0026; G01Q070/0010; G01Q060/0038; G01Q060/0024; G01Q020/0004;	apparatus and method for investigating surface properties of different materials
US2011116995 A1 20110519	JP20080107327;JP20 090029129;US201006 79869;US2011130116 44;WO2009JP56878;		B01J008/0000;	apparatus and method for producing aligned carbon-nanotube aggregates
WO2011034824 A1 20110324	US20090560043;	ABS MATERIALS INC;	B01J020/0026; C02F001/0068; B01D015/0000; C02F001/0028; B01J020/0028; C08G077/0048; B01D053/0004;	apparatus and method for remediation of aqueous solutions
WO2011034821 A1 20110324	US20090560083;	ABS MATERIALS INC;	C02F001/0028; B01J020/0010;	apparatus and method for removing small molecule organic pharmaceuticals from aqueous solutions
US2011033639 A1 20110210	US20050064653;US2 0080025161;	MOTOROLA INC;	C23C016/0448;	apparatus and process for carbon nanotube growth
CN102067307 A 20110518	US20080157842;WO2 009US47209;	CUTLER PAUL H;	H01L025/0000;	apparatus and system for a single element solar cell
CN101960718 A 20110126	US20080072972;WO2 009FI50011;	NOKIA CORP;	B81B003/0000; H03H009/0046; H03H009/0024;	apparatus, method, and computer program product providing edgeless nanotube resonator arrays
US2011084345 A1 20110414	KR20090097449;	SAMSUNG ELECTRONICS CO LTD;	H01L029/0084;	apparatuses for generating electrical energy

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EP2314740 A1 20110427	EP20090173695;	JUSTUS LIEBIG UNI GIESEN;STAATLICHESWEINBAUINST ITUT FREIBURG;UNIV MARBURG PHILIPPS;	D01F006/0084; D01D005/0000; A01N025/0010; A01N025/0034; A01G013/0002; D01F001/0010;	application of agricultural agents
WO2011037657 A1 20110331	US20090564695;	ABE MASANORI;EMPIRE TECHNOLOGY DEV LLC;HANDA HIROSHI;UEDA TOMOAKI;	A01N059/0016; C09D005/0023;	applications of alternating magnetic fields on magneticnanoparticles
WO2011057017 A1 20110512	US20090258690P;US 20100316767P;	BABCOCKWALTER C;BEND RES INC;CREW MARSHALL D;FRIESEN DWAYNE T;HAYDEN TANYA L;SMITHEY DANIEL T;	G01N033/0536; G01N033/0053;	aqueous nanoparticle suspensions for use in drug discovery
US2011065835 A1 20110317	JP20080121597;WO2 009JP56139;	IDEMITSU KOSAN CO;	C08L069/0000;	aromatic polycarbonate resin composition and molded body thereof
US2011085968 A1 20110414	US20090251135P;US 20100900249;	UNIV CALIFORNIA;	A61K051/0000; A61P019/0000; A61K049/0000; A61K039/0395; A61K035/0012; A61F002/0000;	articles comprising nano-materials for geometry-guided stem celldifferentiation and enhanced bone growth
US2011070440 A1 20110324	US20090223575P;US 20100831886;		C25B007/0000; C07K014/0000; B32B005/0016; C08B037/0010;	artificial organelle on a digital microfluidic chip used to redesignthe biological activities of heparan sulfate
US2011086338 A1 20110414	US20050654784P;US 20060884604;WO200 6US05537;		C12N007/0000; C12Q001/0070;	bacteriophage/quantum-dot (phage-qd) nanocomplex to detectbiological targets in clinical and environmental isolates
WO2011046706 A1 20110421	US20090243607P;US 20100355528P;	BRANTON DANIEL;GOLOVCHENKO JENE A;HARVARD COLLEGE;SLAVEN GARAJ;	C12Q001/0068; G01N027/0447; G01N033/0487;	bare single-layer graphene membrane having a nanoporeenabling high- sensitivity molecular detection and analysis

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US2011070308 A1 20110324	US20090565653;		A61K036/0752; A61K036/0058; A61K036/0000;	bed bug insecticide
WO2011038228 A1 20110331	US20090245641P;US 20100326108P;	COHEN-KARNI TZAHI;DUAN XIAOJIE;HARVARD COLLEGE;KEMPA THOMAS J;LIEBER CHARLES M;QING QUAN;TIAN BOZHI;XIE PING;	H01L029/0006; G01N033/0487;	bent nanowires and related probing of species
US2011111279 A1 20110512	US20090259599P;US 20100942863;	UNIV FLORIDA STATE RES FOUND;	B32B005/0016; D21H017/0063; B32B005/0002; B29C039/0000; B32B005/0000; H01M004/0013; H01M002/0016;	binder-free nanocomposite material and method of manufacture
RU2009144136 A 20110610	DE200710020390;	PFLAJDERER KHOL TSVERKSHTOFFE GMBKH;	A01N025/0010; A01P001/0000; A01N043/0080; A01N025/0034; A01N059/0006; A01N059/0016; A01N035/0002; C08L061/0028;	biocidal composition and polymer compositions, composite materials and laminates containing said compositions
RU2422377 C2 20110627	RU20090126984;	SLEPTSOV VLADIMIR VLADIMIROVICH;	C02F001/0050; A01N025/0000; B22F009/0014;	biocidal concentrate
EP2285423 A1 20110223	WO2008CN00823;	IND TECH RES INST;	C07F007/0004; C08G077/0038; C08G065/0048; A61K049/0010;	biocompatible polymer and magnetic nanoparticle withbiocompatibility



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US2011123601 A1 20110526	TW20090139728;	NAT UNIV TSINGHUA;	A61K038/0016; A61K039/0395; A61K038/0018; A61P037/0000; A61K031/7088; A61K047/0006; A61K009/0127; A61P043/0000; A61K051/0012; A61K031/0519;	biofunctionalized phospholipid-capped mesoporous silicananoshuttles for targeted drug delivery
US2011033954 A1 20110210	US20060578405;US2 0100845177;WO2003 US34897;	US GOVERNMENT;	G01N033/0544; A61K039/0000; A61K047/0048;	biofunctionalized quantum dots for biological imaging
ES2353839T T3 20110307	US20060785493P;	RENSSELAER POLYTECH INST;	B01J020/0291; B01J020/0029; B01J020/0000; B01D015/0038; C12Q001/0068; B01J020/0022; B01D011/0000;	biogel reversible para manipulacion y separacion de nanotubos decarbono con una sola pared.
EP2306195 A2 20110406	EP19990307393;EP20 020078313;US199801 00947P;US199801604 54;	MASSACHUSETTS INST TECHNOLOGY;	G01N033/0543; H01L033/0000; G01N033/0533; G01N033/0058;	biological applications of semiconductor nanocrystals
US2011097556 A1 20110428	US20010296013P;US 20010325664P;US200 20155883;US2002015 8596;US20070839923 ;	UNIV TEXAS;	B32B003/0010; C12N007/0000; C07K001/0004; C40B040/0010; C07K007/0006; C07K007/0008; C40B040/0002;	biological control of nanoparticle nucleation, shape and crystalphase
US7959873 B1 20110614	US20050701714P;US 20060491394;US2006 0781986P;	CALIFORNIA INST OF TECHN;	G01N033/0000;	biological detection based on differentially couplednanomechanical systems using self-sensing cantilevers with attonewton force resolution

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US2011000411 A1 20110106	US20090459518;	POLYMATE LTD NANOTECH IND INC;	A01N043/0038; A01N037/0000; A01N043/0016; A01C007/0000;	biologically active multifunctional nanochips and method of application thereof for production of high-quality seed
JP2011088050 A 20110506	JP20090242421;	PANASONIC ELEC WORKS CO LTD;	C02F001/0036; C02F001/0046; C02F001/0068; B01F003/0004; C02F001/0044; B01D061/0000; C02F001/0020; A01K063/0004; C02F001/0078; C02F001/0050; C02F009/0000; C02F001/0034; B01F005/0012; C02F001/0000; C02F003/0034; B01F005/0004; C02F001/0030;	biologically active water, apparatus for producing biologically active water, and biological activation method
US2011151542 A1 20110623	US20050732279P;US 20060815499P;US200 80090579;US2010088 3295;WO2006US4236 3;	UNIV SOUTH CAROLINA;	C12N007/0000;	bionanomaterials and their synthesis
US2011039291 A1 20110217	US20070899797P;US 20080525875;WO200 8US53103;		C02F003/0034; C12Q001/0002;	bioremediation of nanomaterials
WO2011050359 A1 20110428	US20090254473P;	BELCHER ANGELA; MASSACHUSETTS INST TECHNOLOGY; NELTNER BRIAN THOMAS;	B01J035/0000; B01J037/0003; B01J035/0010; B01J037/0036; C01B003/0040;	biotemplated inorganic materials

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US2011062430 A1 20110317	US20080057982P;US 20090994273;WO200 9US45850;		H01L051/0054; C01B035/0000; C09K011/0062; C09K011/0002; C01F017/0000; H01L033/0032; C01B021/0000;	blue light emitting nanomaterials and synthesis thereof
US2011127932 A1 20110602	US20060822197P;US 20070376364;WO200 7US75593;	MASSACHUSETTS INST TECHNOLOGY;	H01L033/0006; H05B037/0000; C09K011/0056; C01B017/0000; H01L033/0008;	blue light emitting semiconductor nanocrystals and devices
US2011042641 A1 20110224	US20060843681P;US 20070310764;WO200 7US19669;	HARVARD COLLEGE;	C30B021/0002;	branched nanoscale wires
US2011060036 A1 20110310	US20080072220P;US 20100888767;WO200 9US38652;	UNIV EMORY;	C07D305/0014; A61K031/0337; A61P035/0000;	branched multifunctional nanoparticle conjugates and their use
WO2011009477 A1 20110127	WO2009EP05624;	FINDEISEN JOERG;SIEMENS AG;	H01B009/0000; H01B017/0064; H01B007/0042;	cable containing oriented nanoparticles
BRPI0616051 A2 20110607	DE200510045666;WO 2006EP08713;	ITN NANO VATION AG;	B22C001/0018; C04B035/0478;	camada ou revestimento e uma composição para a produção da mesma
TW201107225 A 20110301	TW20090128611;	CHENG YI-LIN;LI SEN-YONG;WANG JUE-KUAN;WANG ZHEN-QIAN;XIE CHENG;	B81B001/0000; B82B003/0000;	capable of ensuring the layer of hydrophobic material to be wrapped on the object surface and preventing the micro/nano characteristics from coming off
EP2304416 A1 20110406	FR20080054826;WO2 009EP57708;	COMMISSARIAT ENERGIE ATOMIQUE;	G01N027/0022; H01G004/0006;	capacitive humidity detector with nanoporous hydrophilic dielectric

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EP2311567 A1 20110420	EP20030254696;US2 0020213059;	XEROX CORP;	B01L003/0002; G01N035/0010; B01J019/0000; B01L003/0000; B81C001/0000; B41J002/0016; G01N037/0000; B81B003/0000; G01N035/0000; B82B003/0000; B41J002/0014;	capillary-channel probes for liquid pickup, transportation and dispense using spring beams
US2011053765 A1 20110303	US20050740960P;US 20060565463;US2010 0868181;	ENERG2 INC;UNIV WASHINGTON;	B01J021/0006; C01B031/0008; B01J023/0755; B01J023/0010; B01J023/0000;	carbon-based foam nanocomposite hydrogen storage material
CN102092670 A 20110615	CN20101607353;	HONGFUJIN PREC IND SHENZHEN;UNIV TSINGHUA;	H01J009/0002; H01J001/0304; B81C001/0000; B81B007/0004;	carbon nano-tube composite structure and preparation method thereof
CN101964229 A 20110202	CN20091109047;	HONGFUJIN PREC IND SHENZHEN;UNIV TSINGHUA;	C01B031/0002; H01B013/0000; H01B005/0002; H01B001/0004; B81B003/0000;	carbon nano tube stranded wire and preparation method thereof
EP2303775 A2 20110406	HU20080000401;WO2 009HU00053;	PANNON EGYETEM;SZEGEDI TUDOMANYEGYETEM;	C08K007/0024; C08J005/0004; C01B031/0002;	carbon nanocomposite additive and its use as adjuvant for polymer materials
EP2301993 A1 20110330	WO2008JP62489;	MEFS KABUSHIKI KAISHA;NISSIN KOGYO KK;	C08J005/0004; C01B031/0002; D01F009/0127;	carbon nanofiber, process for producing the same, and carbon fiber composite material

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KR20110025656 A 20110310	JP20080159790;	SHOWA DENKO KK;	B01J023/0085; B01J023/0076; D01F009/0127; C01B031/0002;	carbon nanofiber, producing method and use of the same
US2011089365 A1 20110421	JP20070145225;US20 070924907P;US20080 130603;US201009736 44;	SHOWA DENKO KK;	H01B001/0004; C09K005/0000;	carbon nanofiber, production process and use
CN101982401 A 20110302	CN20101277692;	UNIV HUAZHONG SCIENCE TECH;	B81B003/0000; B81C001/0000;	carbon nanometer spiral micro heat conduction based motionsensor and preparing method thereof
US2011003721 A1 20110106	US20060332679;US2 0060332682;US20060 494954;	SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY;	C09K003/0018;	carbon nanoparticle-containing nanofluid
EP2316791 A1 20110504	DE200910051126;	KARLSRUHER INST TECHNOLOGIE;	C01B031/0002;	carbon nanoparticles with a covalent bond to a target molecule through a bridging molecule and method for producing same
CN102099288 A 20110615	JP20080187742;WO2 009JP62790;	SUN ESU RUBBER INDUSTRY INC;UNIV HOKKAIDO NAT UNIV CORP;	C08L021/0000; C01B031/0002; C08K009/0002;	carbon nanoprecursor, method for producing the same, carbonnanocomposite and method for producing the same
US2011039184 A1 20110217	KR20040088218;US2 0050262812;US20100 911352;	SAMSUNG SDI CO LTD;	H01M008/0010; C09C001/0044; H01M004/0038; B01J021/0018;	carbon nanosphere with at least one opening, method for preparing the same, carbon nanosphere-impregnated catalyst using the carbon nanosphere, and fuel cell using the catalyst
US2011091711 A1 20110421	US20090253229P;US 20100908672;	UNIV MAINE SYS BOARD TRUSTEES;	B29C039/0002; B29C039/0038; C08H007/0000; B32B005/0002; B32B005/0000; B32B005/0018;	carbon nanostructures from organic polymers
US2011103020 A1 20110505	US20030497849P;US 20040925824;US2006 0498408;US20070749 116;US20080177815;	SAMSUNG ELECTRONICS CO LTD;	H01L025/0065; H01L023/0034; H01L023/0373; H01L023/0473;	carbon nanotube-based structures and methods for removing heat from solid-state devices

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EP2295376 A2 20110316	EP20020806481;US2 0010032207;US20010 036332;	BATTELLE MEMORIAL INSTITUTE;	C07C001/0004; B01J020/0032; B01J019/0000; C23C026/0000; C23C008/0080; B01J035/0004; C01B031/0002; C23C008/0002; B01J023/0889; B01J020/0020; C10G002/0000; B01J023/0086; B01J021/0018; C04B041/0089; C23C028/0000; B01J037/0002; F28F021/0002; B01J035/0010; C04B041/0052; B01J031/0006;	carbon nanotube-containing structures, methods of making, and processes using same
EP2315661 A1 20110504	US20080180359;WO2 008US78306;	APPLIED NANOTECH HOLDINGS INC;	B32B005/0024;	carbon nanotube-reinforced nanocomposites
US2011101299 A1 20110505	US20060381982;US2 0100962447;	BROTHER INTERNAT CORP;	H01L029/0066; H01L021/0004;	carbon nanotube arrays for field electron emission and methods of manufacture and use
US2011127472 A1 20110602	JP20070040103;JP20 070173564;WO2008J P52697;		H01B001/0024; H01B001/0004; D01F009/0012;	carbon nanotube assembly and electrically conductive film
EP2320955 A1 20110518	US20080087198P;WO 2009US53274;	UNIV RICE WILLIAM M;	A61K049/0010;	carbon nanotube based magnetic resonance imaging contrast agents
US2011014674 A1 20110120	US20020385696P;US 20020413273P;US200 30453415;US2006035 2582;US20100895899 ;	DU PONT;	C12Q001/0070; A61K038/0004; C40B040/0002;	carbon nanotube binding peptides

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WO2011031759 A2 20110317	US20090242206P;US 20090632428;	ELDRIDGE BENJAMIN N;FANG TRELIAANT;FORMFACTOR INC;MATHIEU GAETAN L;YAGLIOGLU ONNIK;	B82B001/0000; B82B003/0000; C01B031/0002;	carbon nanotube columns and methods of making and using carbon nanotube columns as probes
WO2011005693 A1 20110113	US20090223338P;US 20090241241P;US200 90259365P;US201003 10563P;US201003479 95P;	BALU VENKATASUBRAMANI;CONSORTE CHARLES D;RINCON MICHELLE M;SUZUKI TATSUNORI;ZEPTOR CORP;	C02F001/0461; C02F001/0042;	carbon nanotube composite structures and methods of manufacturing the same
EP2287936 A1 20110223	JP20080124293;JP20 090001389;WO2009J P58734;	TORAY INDUSTRIES;	H01L051/0005;	carbon nanotube composite, organic semiconductor composite, and field- effect transistor
US2011014217 A1 20110120	US20080037798P;US 20090933223;WO200 9US37727;	UNIV YALE;	C12N005/0783; A61K039/0000; A61P037/0000;	carbon nanotube compositions and methods of use thereof
US7923527 B1 20110412	US20090579007;	CHUNG SHAN INST OF SCIENCE;	C08G069/0028;	carbon nanotube compound and method for producing the same
EP2290459 A1 20110302	US20090550594;	XEROX CORP;	G03G015/0000;	carbon nanotube containing intermediate transfer members
TW201107373 A 20110301	JP20090112885;	NISSAN CHEMICAL IND LTD;	C08L079/0004; C08G073/0006; C08J005/0018; B01F017/0052; C08K003/0004; C01B031/0002;	carbon nanotube dispersing/solubilizing agent
KR20110059759 A 20110603	US20080095352P;	SUN CHEMICAL CORP;	B01F017/0000; B82B003/0000; C08J003/0002;	carbon nanotube dispersions
US2011104976 A1 20110505	US20070811674;US2 0070921134P;US2010 0962559;	ELORET CORP;	H01J009/0012;	carbon nanotube electron gun

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US2011121227 A1 20110526	US20040018678;US2 0100301279P;US2010 0911117;US20111302 0887;	US GOVERNMENT;	B29C047/0000; C08K005/0056; D01F009/0012; C09K003/0000;	carbon nanotube fibers/filaments formulated from metalnanoparticle catalyst and carbon source
US2011057164 A1 20110310	US20070008034P;US 20070936049P;US200 80140564;	CALIFORNIA INST OF TECHN;	H01L029/0041; H01L021/0302;	carbon nanotube field emission device with overhanging gate
US2011111177 A1 20110512	JP20080051319;JP20 080119820;WO2009J P53907;		B32B038/0016; B32B005/0002; B32B003/0000; B32B038/0000; B29C039/0000; C01B031/0002; B05D003/0002;	carbon nanotube film structure and method for manufacturing thesame
US2011086176 A1 20110414	KR20070052868;US2 0080043519;US20100 899867;	SAMSUNG ELECTRONICS CO LTD;	H01B001/0024; B05D001/0018;	carbon nanotube having improved conductivity, process ofpreparing the same, and electrode comprising the carbon nanotube
US2011014113 A1 20110120	US20090506148;		D01F009/0012;	carbon nanotube seperation by reversible gelation
EP2281193 A1 20110209	US20080056841P;WO 2009IL00532;	TECHNION RES & DEV FOUNDATION;	G01N033/0497;	carbon nanotube structures in sensor apparatuses for analyzingbiomarkers in breath samples
US2011000703 A1 20110106	JP20080045920;WO2 009JP53496;	JAPAN SCIENCE & TECH AGENCY;	B32B038/0000; G01Q070/0012; B32B009/0000; H05K001/0009;	carbon nanotube supporting body and process for producing thecarbon nanotube supporting body
US2011051775 A1 20110303	US20090547562;	UT BATTELLE LLC;	G01L009/0000; G01K007/0002; G01K007/0000; G01K013/0000;	carbon nanotube temperature and pressure sensors



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EP2285874 A1 20110223	DE200810001946;WO 2009EP56165;	BAYER MATERIALSCIENCE AG; LANXESS DEUTSCHLAND GMBH; RHEIN CHEMIE RHEINAU GMBH;	C08J005/0000; C08K007/0024;	carbon nanotubes and organic media containing microgels
CA2762524 A1 20110113	US20090179162P;WO 2010US35304;	ENSYSCE BIOSCIENCES INC;	A61K031/0713; C12N015/0063; C12N015/0113; A61K047/0004;	carbon nanotubes complexed with multiple bioactive agents and methods related thereto
US2011160046 A1 20110630	US20080341255;US2 01113039742;		B01J021/0018; B05D001/0030; B05D001/0018; B05D001/0002; B05D003/0000; B01J037/0002;	carbon nanotubes with nano-sized particles adhered thereto and method of preparing same
EP2287237 A1 20110223	EP20050253157;JP20 040153428;	NISSIN KOGYO KK;	C08K003/0004; C22C047/0000; C08J005/0004; C08K003/0008; C22C047/0002; C08L101/0000; C08K007/0024; B22D019/0000; B22D019/0014; C22C047/0008; C22C049/0014; C08J005/0000; C08K007/0006;	carbon fiber composite material and method of producing the same, carbon fiber-metal composite material and method of producing the same, and carbon fiber-nonmetal composite material and method of producing the same
BRPI0707932 A2 20110531	US20060773538P;WO 2007US04182;	ISTVAN RUDYARD LYLE;	B82B001/0000; H01M004/0058; B82B003/0000; C01B003/0008;	carbonos ativados mesoporosos

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DE102010041290 A1 20110519	PL20090389158;	EKOPAK PLUS;POLITECHNIKA GDANSKA;	A01N059/0020; A01N059/0016; B31F001/0020; B65D005/0056; D21H021/0036;	cardboard having biocidal properties, which is made of layers of paper, where the cardboard has a biocide area comprising antibacterial components such as particles of nano silver and/or ions of copper, zinc and/or titanium
US2011045967 A1 20110224	FR20080001156;WO2009EP52126;	RHODIA OPERATIONS;	B01J021/0008;	catalyst compositions based on nanoparticles of a zirconium oxide, a titanium oxide or a mixed zirconium/titanium oxide deposited onto a silica support therefor
US2011053763 A1 20110303	FR20080001203;WO2009EP52129;	RHODIA OPERATIONS;	B01J021/0004; B01J037/0008; B01J037/0003; B01J021/0006; B01J021/0002;	catalyst compositions based on nanoparticles of a zirconium oxide, a titanium oxide or a mixed zirconium/titanium oxide deposited onto an alumina or aluminum oxyhydroxide support therefor
RU2414296 C1 20110320	RU20090139846;	INFRA TEKNOLODZHIZ LTD;	B01J021/0010; B82B001/0000; B01J021/0000; B01J021/0018; B01J023/0040; B01J037/0002; B01J023/0074; C07C001/0004; B01J021/0016; B01J021/0006; B01J021/0004;	catalyst for synthesis of hydrocarbons from co and h2 and preparation method thereof

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WO2011050345 A1 20110428	US20090254205P;	BEAUX II MILES F;CANTRELL TIMOTHY C;CORTI GIANCARLO;GONANO TECHNOLOGIES INC;MCILROY DAVID N;NORTON M GRANT;PRAKASH TEJASVI;	B01J035/0002; B01J023/0036; B01J037/0034; B01J035/0000; B01J023/0038; B01J023/0022; B01J023/0028; B01J021/0008; B01J023/0745; B01J023/0072; B01J035/0006; B01J021/0006;	catalyst materials for reforming carbon dioxide and related devices, systems, and methods
US2011147317 A1 20110623	US20080091314P;US 200913060194;WO20 09US54785;		C02F001/0030; A61L002/0008; B01J019/0012; B01J037/0002; B01J027/0024; A01N059/0016; A01P001/0000;	catalytic compositions, composition production methods, and aqueoussolution treatment methods
US2011008705 A1 20110113	US20060764504P;US 20070670687;US2008 0081851P;US2009050 5070;US20100320639 P;US20100839124;	UNIV FLORIDA STATE RES FOUND;	H01M008/0010;	catalytic electrode with gradient porosity and catalyst density forfuel cells
WO2011013130 A2 20110203	GB20090013442;	PEER DAN;UNIV RAMOT;	C12N015/0087; C12N015/0088; A61K009/0127; A61K047/0048; A61K009/0052;	cell-targeting nanoparticles comprising polynucleotide agents and uses thereof

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US2011052467 A1 20110303	US20080070210P;US 20090736165;WO200 9US00173;	UNIV AKRON;	B01J023/0042; B01J023/0046; B01D053/0056; B01J023/0044; B01J008/0002; B01J037/0034; B01J008/0018;	ceramic nanofibers containing nanosize metal catalyst particles and medium thereof
US7862920 B1 20110104	US20030493313P;US 20040913918;US2010 0762133;	UNIV TULSA;	H01M016/0000; H01M010/0046;	charged arrays of micro and nanoscale electrochemical cells and batteries for computer and nanodevice memory and power supply
US2011053284 A1 20110303	US20070928158P;US 20070928160P;US200 70928260P;US200805 99440;WO2008US630 66;	UNIV BOSTON;	G01N027/0000; G01N021/0076; G01N021/0000; C40B040/0000; B32B005/0016;	chemical functionalization of solid-state nanopores and nanopore arrays and applications thereof
US2011123409 A1 20110526	FR20070008411;WO2 008FR01643;		C07C041/0009; B01J019/0000; C23C016/0006; B01D015/0004; C01G023/0047; C01B031/0036;	chemical reactor with nanometric superstructure
US2011015872 A1 20110120	IL20080190475;WO20 09IL00342;	TECHNION RES & DEV FOUNDATION;	G01N033/0000; G06F015/0018; G01N021/0000; G01N027/0000; G06F019/0000;	chemical sensors based on cubic nanoparticles capped with anorganic coating for detecting explosives
US2011158901 A1 20110630	US20090290583P;US 20100980775;		B29B009/0012; C08L005/0008; A61K051/0000; A61K049/0000;	chitosan-based nanoparticles and methods for making and using the same
CN102037962 A 20110504	CN20101563604;	LIAONING NORMAL UNIVERSITY;	A01P021/0000; A01N043/0016;	chitosan nano-biological preparation, and preparation method and application thereof
US2011014314 A1 20110120	US20050047428;US2 0100883930;	MOLECULAR IMPRINTS INC;	G03B027/0064; B29C059/0000;	chucking system for nano-manufacturing

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JP2011035424 A 20110217	US20080198744;	SEOUL NAT UNIV INDUSTRY FOUNDATION;	B82B001/0000; B82B003/0000; H01L023/0052; H01L021/3205;	circuit board including aligned nanostructure
US2011077869 A1 20110331	US20090246329P;US 20100888408;	IBM;	G01N033/0048; G06F019/0000;	circuit for detecting analytes via nanoparticle-labeled substances with electromagnetic read-write heads
EP2280053 A1 20110202	JP20080088945;WO2 009JP56060;	JAPANSCIENCE & TECH AGENCY;NAT UNIVERSITY CORP NARA INST OF SCIENCE AND TECHNOLOGY;	H01L029/0006; C09D201/0000; C07K014/0047; C09K011/0056; C09K011/0008; C09D005/0022; G02F001/0001; C09D007/0012;	circularly polarized light-emitting nanoparticle
US2011024409 A1 20110203	US20090173027P;US 20100767719;	LOCKHEED CORP;	B32B005/0016; H05B003/0002; H05B003/0010;	cnt-based resistive heating for deicing composite structures
EP2290139 A1 20110302	EP20070869060;US2 0070619327;	APPLIED NANOSTRUCTURED SOLUTIONS LLC;	D01F009/0012; D01F009/0127; D01F011/0012;	cnt-infused fiber and fiber tow
US2011003965 A1 20110106	TW20090122333;	UNIV NAT TAIWAN;	C08G073/0010;	cnt-pi complex having emi shielding effectiveness and method for producing the same
KR20110010124 A 20110131	US20080128177P;	DU PONT;	H01J001/0030; H01J009/0002;	co-processable photoimageable silver and carbon nanotube compositions and method for field emission devices
US2011076497 A1 20110331	US20090245920P;US 20100891300;	UNIV FLORIDA;	B32B001/0008;	coated carbon nanotubes and method for their preparation
CN102066009 A 20110518	US20080061806P;US 20090473803;WO200 9US45473;	MASSACHUSETTS INST TECHNOLOGY;	B05D005/0000; B05D001/0036; B82B003/0000; B82B001/0000; B05D007/0024;	coatings

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US2011049437 A1 20110303	US20080026268P;US 20090866089;WO200 9US30579;	UNIV PRINCETON;	H01B001/0024; B29C065/0048; H01B001/0004;	coatings containing functionalized graphene sheets and articlescoated therewith
EP2301330 A1 20110330	DE200910043281;	DITZEL GMBH & CO KG GRUNDSTUECKS UND BETEILIGUNGSGESELLSCHAFT;	A61C013/0000; A61B019/0000; A61B005/0117; A01K011/0000;	coding for dental element
US2011140046 A1 20110616	US20080136108P;US 200913058239;WO20 09CA01127;		C09K011/0002;	colloidal nanocrystal ensembles with narrow linewidth band gapphotoluminescence and methods of synthesizing colloidal semiconductor nanocrystals
BRPI0708577 A2 20110531	EP20060110745;WO2 007EP52081;	JANSSEN PHARMACEUTICA NV;	A01N059/0016; A01P003/0000; B27K003/0052; A01N043/0050;	combinações de imazalil e compostos de prata
AU2009324464 A1 20110630	US20080201624P;US 20090178430P;WO20 09US67766;	ABRAXIS BIOSCIENCE LLC;	A61K031/0335; A01N043/0002;	combinations and modes of administration of therapeutic agents andcombination therapy
US2011156009 A1 20110630	US20090651288;		H01L051/0010; H01L051/0040;	compact electrical switching devices with nanotube elements, andmethods of making same
JP2011125017 A 20110623	FR20090005974;	COMMISSARIAT ENERGIE ATOMIQUE;	H03H009/0024; B81B003/0000; H03H003/0007; H03B005/0030;	compensated micro/nano-resonator with improved capacitedetection and method for producing the same
US7883685 B1 20110208	US20060490248;US2 0100788486;	IBM;	D21H021/0016; C07F009/0547; B01J019/0008; C01B031/0002; H01L051/0040; D01F009/0012; C09B005/0000;	complexes of carbon nanotubes and fullerenes withmolecular-clips and use thereof

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DE102009029199 A1 20110310	DE200910029199;	BOSCH GMBH ROBERT;	B82B003/0000; G01P015/0008; G01L009/0000; G01F001/0684; B81B007/0002; H01L021/0056; G01L001/0026; G01L011/0000; G01D005/0012; B81B001/0000; B81C001/0000;	component parts manufacturing method for e.g. pressure sensors, involves selecting temperature for heating microstructured or nanostructured components such that materials of components are not converted into gaseous component parts
BRPI0615286 A2 20110517	DE200510042023;DE 200610023481;WO20 06EP65878;	THOR GMBH;	A01N043/0080; A01N059/0016;	composição biocida, seu uso, bem como produto, e seu processo de produção
BRPI0613420 A2 20110531	US20050186510;WO2 006US28090;	COLGATE PALMOLIVE CO;	A61Q011/0000; A61K008/0027;	composição oral, filme, dentífrico, artigo para o cuidado oral, e, método de manutenção ou promoção da saúde de humano ou animal
ES2360538T T3 20110606	US20060843282P;	UNIV JOHNS HOPKINS;	A61K031/0070; A61K009/0127; A61K048/0000; A61K047/0048; A61K009/0051; A61K009/0050; A61K009/0016; A61K047/0026;	composiciones para aumentar el transporte a traves de moco.
BRPI0614148 A2 20110309	US20050703525P;US 20050730529P;WO20 06US29743;	DOW AGROSCIENCES LLC;	A01N039/0004; A01N025/0004; A01N037/0006; A01N025/0034; A01P003/0000; A01P013/0000; A01N025/0030; A01N043/0040; A01N039/0002; A01P007/0000; A01N057/0016;	composições para uso na agricultura compreendendo uma emulsão de óleo em água baseada em glóbulos oleosos revestidos com um revestimento lamelar de cristal líquido

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BRPI0614329 A2 20110322	US20050706469P;WO 2006US30609;	CABOT CORP;	C08K007/0006; C08K003/0004; C08L023/0008; C08J005/0000; H01B001/0024;	composições poliméricas contendo nanotubos
US2011143137 A1 20110616	US20070948971P;US 20070987547P;US200 80668193;WO2008US 69384;	UNIV CALIFORNIA;	D02G001/0000; C09K011/0008; H01L023/0000;	composite nanorods
CN101952036 A 20110119	US20060862123P;US 20070734143;WO200 7US79528;	UNIV CINCINNATI;	B01J037/0034; B01J037/0008; B01J037/0002; B01J023/0063; C01B031/0002; B01J035/0000;	composite catalyst and method for manufacturing carbonnanostructured materials
EP2303956 A1 20110406	DE200810030904;WO 2009EP56612;	SIEMENS AG;	C08K003/0000;	composite comprising nanosize powder and use of the composite
US2011021671 A1 20110127	JP20080029042;WO2 009JP52024;	UNIV TOKYO;	C08L001/0002;	composite material comprising regenerated cellulose and syntheticpolymer as solid components and process for production of the material
US2011015102 A1 20110120	FR20070008875;WO2 008FR52351;	LUZENAC EUROP SAS;UNIV TOULOUSE 3 PAUL SABATIER;	C25D015/0000; C10M125/0004;	composite material consisting of a metal matrix in which syntheticiamellar phyllosilicated nanoparticles are distributed
EP2275487 A2 20110119	EP20050748178;FR20 040005120;	ARKEMA FRANCE;CENTRE NAT RECH SCIENT;	C08F220/0018; C08F293/0000; C08L033/0008; C08F220/0006; C09D005/0026; C09D007/0012; C08J005/0000; C08K007/0024; C08L053/0000; C09D005/0024; C08K003/0004;	composite materials based on carbon nanotubes and polymer matrices and processes for obtaining same



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US2011014466 A1 20110120	US20090504995;	XEROX CORP;	B32B019/0002;	composite materials comprising core-shell nano-fibrils
CN101982764 A 20110302	CN20101528358;	UNIV HUNAN;	B81C001/0000; C12Q001/0068; G01N027/0026;	composite membrane modified biosensor and preparation method and application thereof
US2011041895 A1 20110224	US20060835948P;US 20070376598;US2007 0925213P;WO2007US 17544;		H01L031/0018; H01L031/0352;	composite organic materials and applications thereof
US7867620 B1 20110111	US20070880748;	ROCKWELL COLLINS INC;	B32B015/0004; B32B013/0004; B32B009/0004;	composite plate comprising carbon nanotube bundles with high thermal conductivity and method for making the same
US2011114894 A1 20110519	KR20090110922;	SAMSUNG ELECTRONICS CO LTD;	B05D003/0000; H01B001/0002; H01B001/0004;	composite structure and method of manufacturing the same
TW201100475 A 20110101	US20090402089;	APPLIED NANOTECH HOLDINGS INC;	C08J003/0020; C08L101/0000; C08K003/0000; C08L077/0002;	composites
WO2011018935 A1 20110217	JP20090187615;JP20 090187616;	ANDOU MICHIAKI;AOKI OSAMU;JSR CORP;SHINODA TOMOTAKA;	B82B001/0000; C01B031/0002; C01B033/0018;	composition and film containing carbon nanotubes
US2011001143 A1 20110106	US20030716006;US2 0070736964;	FLX MICRO INC;	C23C016/0032; C23C016/0052; B81B003/0000; H01L029/0024; H01L029/0084; G02B026/0008; H01L021/0004;	composition comprising silicon carbide

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WO2011037435 A2 20110331	KR20090092036;KR2 0090092039;	CHUNG BONG HYUN;EUM NYEON SIK;KOREA RES INST OF BIOSCIENCE;	B81C001/0000; G03F007/0004; C08L101/0000; B82B003/0000; B01D046/0000; B01D035/0000; C08K007/0016;	composition for forming a pattern for a nano-/microfluidic channel, and apparatus for forming a pattern using same
EP2325693 A1 20110525	EP20030256824;KR2 0020072017;	SAMSUNG ELECTRONICS CO LTD;	G03F001/0008; G03F007/0038; G03F007/0027; B82B003/0000; G03F007/0029; C08F002/0050; G03F007/0000; H05K003/0002;	composition for forming a patterned film of surface-modified carbonnanotubes
US2011129593 A1 20110602	KR20080074282;WO2 008KR06309;		B29C047/0000; G01N027/0026;	composition for glucose sensing comprising of nanofibrous membrane and method for manufacturing non-enzymatic glucose biosensor using the same
WO2011069523 A1 20110616	WO2009EP08789;	BORM PAUL J A;MAGNAMEDICS GMBH;RUSU VIOREL;	A61K049/0004; A61K049/0018;	composition for labeling and visualizing grafts in magnetic mri and x-ray fluoroscopy, and use thereof
US2011117201 A1 20110519	IN2008MU01569;WO2 008IN00821;		A01N065/0044; A61K009/0014; A01P001/0000;	composition for treatment of water
US2011104265 A1 20110505	US20090279961P;US 20100912902;		A61K038/0018; A61K031/4045; A61K038/0029; A61K031/0056; A61K031/0351; A61K038/0023; A61K009/0048; A61K038/0022; A61K038/0011; A61P019/0010;	compositions and methods of targeted nanoformulations in the management of osteoporosis
EP2300799 A2 20110330	US20080131205P;WO 2009US45841;	VENTANA MED SYST INC;	G01N001/0030;	compositions comprising nanomaterials and method for using such compositions for histochemical processes

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US2011091787 A1 20110421	US20060394456;US2 0100964570;	QUANTUMSPHERE INC;	H01M008/0010; H01M004/0038;	compositions of nanometal particles containing a metal or alloy and platinum particles for use in fuel cells
US2011091560 A1 20110421	US20090253814P;US 20100355120P;US201 00356450P;US201009 08775;	BURNHAM INST MEDICAL RESEARCH;	A61K009/0014; A61K031/0704; B01F015/0002; A61P035/0000; A61K031/0337; A61K047/0030;	compositions of nanoparticles and methods of making the same
US2011027851 A1 20110203	US20090183453P;US 20100792492;		C12P001/0004; C12P001/0000; C12N015/0063; C07H021/0004;	compositions, methods and uses for biosynthetic plasmid integrated capture elements
BRPI0708587 A2 20110607	US20060276620;WO2 007US04295;	3M INNOVATIVE PROPERTIES CO;	C08L027/0012; C08K007/0022; C08K003/0004; C08L027/0000;	compósitos de polímero
BRPI0616007 A2 20110531	KR20050064778;WO2 006KR00493;	KOREA RES INST OF BIOSCIENCE;	A61K008/0019;	composto de pigmento cosmético contendo nano-partículas de ouro ou prata
US2011012168 A1 20110120	JP20080065452;JP20 080137145;WO2009J P54851;	PANASONIC ELEC WORKS CO LTD;	H01L033/0000; H01L033/0032;	compound semiconductor light-emitting element and illumination device using the same, and method for manufacturing compound semiconductor light-emitting element
TWI336762B B 20110201	US20040978444;	IBM;	F28D017/0002;	conducting liquid crystal polymer matrix comprising carbon nanotubes, use thereof and method of fabrication
US2011066219 A1 20110317	US20050667897P;US 20060396340;US2010 0892659;	UNIV NEW YORK;	A61N001/0005;	conducting polymer nanowire brain-machine interface systems and methods
US2011014460 A1 20110120	US20060472615;		B32B033/0000; B05D003/0012; B32B027/0018;	conductive, emi shielding and static dispersing laminates and method of making same
US2011144030 A1 20110616	ES20080000011;WO2 009ES00001;		A61K008/0073; C12P019/0028; A61Q019/0000; A61K038/0002; C08B037/0008;	conjugate of hyaluronic acid for cosmetic treatment and preparation method

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US2011000770 A1 20110106	US20070008289P;US 20080809673;WO200 8EP53822;WO2008E P53830;WO2008EP55 885;		H01B005/0000; H01H001/0036;	contact element and a contact arrangement
US2011114486 A1 20110519	US20050723926P;US 20060543252;US2011 13005840;	MASSACHUSETTS INST TECHNOLOGY;	G01N027/0453; B07C005/0004; G01N027/0447;	continuous biomolecule separation in a nanofilter
US2011110842 A1 20110512	US20090185952P;US 20100813239;US2010 0969534;		C07C309/0029; C07C211/0001; C07C063/0042; D01F009/0012; B01D011/0002; C07D307/0012;	continuous extraction technique for the purification of carbonnanomaterials
US2011059467 A1 20110310	US20070946281P;US 20070990485P;US200 80666620;WO2008US 67649;	MASSACHUSETTS INST TECHNOLOGY;	C09K011/0002; G01N033/0566;	controlled modification of semiconductor nanocrystals
EP2296431 A1 20110316	DE200910029464;	BSH BOSCH SIEMENS HAUSGERAETE;	H05B003/0022; H05B003/0068;	cooking chamber device with cnt heating element
US2011037029 A1 20110217	US20090234305P;US 20100857430;		H01B001/0012;	copolymer-associated nanomaterial
US2011020650 A1 20110127	KR20050118346;US 20060633475;US201 00898388;		B32B015/0002;	
US7935930 B1 20110503	US20090497660;		G01J005/0002;	coupling energy from a two dimensional array of nano-resonantingstructures
US2011098445 A1 20110428	US20090606766;	GOVERNMENT OF THE US AS REPRESENTED BY THE SECRETARY OF THE NAVY;	C07K001/0004; C07K001/0006;	covalent attachment of peptides and biological molecules to luminescent semiconductor nanocrystals
WO2011004328 A2 20110113	US20090223691P;	SABANCI UNIVERSITESI;TARALP ALPAY;	A61K009/0051;	crosslinked protein nanocrystals, crosslinked protein nanoaggregates and method of preparation thereof

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US2011069860 A1 20110324	CN20091190386;	HON HAI PREC IND CO LTD;UNIV TSINGHUA;	B32B003/0010; H04R001/0000; B32B003/0030;	damper and loudspeaker using the same
US2011096953 A1 20110428	CN20091110319;	HON HAI PREC IND CO LTD;UNIV TSINGHUA;	H04R009/0006; F16F015/0000;	damper and loudspeaker using the same cross-reference to related applications
WO2011052979 A2 20110505	KR20090104840;	3CRO INC;CHABIO & DIOS TECH CO LTD;CHO SEONG-JE;CHUNG HYUNG- MIN;DO JEONG-TAE;	C12N005/0002; C12N005/0007; B82B003/0000;	de-differentiation method of cells using nanocarrier, and preparation method of pluripotent stem cells using same
SG170619 A1 20110530	US20020230882;	UNIV ILLINOIS;	B32B003/0000; C03C025/0068; B44C001/0165; G03F007/0000; B81C099/0000; B81C001/0000;	decal transfer microfabrication
US2011140072 A1 20110616	US20080090865P;US 200913059409;WO20 09US54181;	NANOCRYSTAL CORP;	H01L029/0020; H01L021/0020;	defect-free group iii - nitride nanostructures and devices using pulsed and non-pulsed growth techniques
US2011104831 A1 20110505	US20050314718;US2 0050314738;US20050 314751;US200802299 93;US20100925844;	INVENTION SCIENCE FUND I LLC;	H01L029/0002;	deletable nanotube circuit
CN102083447 A 20110601	US20070930364P;US 20080150562;WO200 8US05638;	ENTEGRION INC;	A61K035/0014; C12N005/0078;	delivery of micro-and nanoparticles with blood platelets
GB2474456 A 20110420	GB20090017984;	UNIV DUBLIN CITY;	A61K049/0004; G01N033/0058; C08G083/0000; G01N033/0543; A61K049/0018;	dendrimer functionalised nanoparticle label
US2011084326 A1 20110414	US20090587401;US2 0100898159;	UNIV VANDERBILT;	H01L029/0094; C01F017/0000; C25D015/0000;	densely-paced films of lanthanide oxide nanoparticles via electrophoretic deposition

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US2011062390 A1 20110317	US20070996433P;US 20080064837P;US200 80743121;WO2008US 12844;	LUNA INNOVATIONS INC;	C07F003/0000; H01B001/0012;	derivatives of nanomaterials and related devices and methods
US2011030120 A1 20110210	TW20090214594U;	NAT KAOHSIUNG NORMAL UNIVERSITY;	A41D003/0002;	detachable solar thermal coat assembly with carbon nanocapsulecomposite material
EP2338053 A1 20110629	SE20080001959;WO2 009EP61889;	MODPRO AB;	G01N033/0543;	detection method and device based on nanoparticle aggregation
US2011151574 A1 20110623	US20080058525P;US 20100960341;WO200 9US46157;	UNIV WASHINGTON;	H01L029/0066; G01N027/0004;	detection of trace chemicals and method therefor
US2011089379 A1 20110421	TW20090135255;	NAT UNIV TSINGHUA;	B32B015/0002; C23F001/0000;	development of phopholipid-capped gold nanoparticles (plgnps) assurface enhanced raman scattering probes
US2011055985 A1 20110303	DE200710060460;WO 2008EP67253;	SYNCHROTRON SOLEIL;UNIV CALIFORNIA;UNIV ILMENAU TECH;	G01B011/0030; G01Q060/0024; G01Q060/0006; G01Q030/0002; G01Q020/0004; G01J003/0044;	device and method for an atomic force microscope for the study andmodification of surface properties
JP2011078332 A 20110421	JP20090231464;	FAIRY ANGEL INC;NIPPON RENSUI KK;	A01G031/0000;	device for collecting discharged culture solution, method forcollecting discharged culture solution and hydroponic device
JP2011044715 A 20110303	EP20090010779;	EV GROUP E THALLNER GMBH;	B29C059/0002; H01L021/0027; B81C099/0000;	device for embossing substrates
US2011055981 A1 20110303	FR20080052007;WO2 009FR50519;	INST POLYTECHNIQUE GRENOBLE;UNIV JOSEPH FOURIER;	G01Q010/0006; G01Q060/0010; G01Q010/0000;	device for positioning a moveable object of submicron scale
WO2011061224 A1 20110526	FR20090058185;	COMMISSARIAT ENERGIE ATOMIQUE;GUIZARDBENOIT;MASKR OT HICHAM;	B01D047/0006; B01D047/0002;	device for recovering nanopowders and ultrafine powderscontained in a gas

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CN102046274 A 20110504	FR20080002523;WO2009FR00531;	COMMISSARIAT ENERGIE ATOMIQUE;	G01N027/0044; B01D067/0000;	device for separating biomolecules from a fluid
WO2011027184 A1 20110310	WO2009IB06466;	MALLET JEREMY; MARTINEAU FLORIE; MOLINARI MICHAEL; TROYON MICHEL; UNIV REIMS CHAMPAGNE ARDENNE;	D01F009/0008; C25D009/0008; C25D001/0002; C25D001/0010; C25D003/0066;	device for the production of si nanowires by means of electrodeposition at ambient temperature, method for preparing same and resulting nanowires
WO2011055298 A1 20110512	ES20090030969;	CLAESSENS NICOLAS YVES; CT DERECH PUBLIC GABRIEL LIPPMANN; DELGADO OLIVELLA MARC; DEMOISSON FREDERIC GILBERT MICHEL; FELTEN ALEXANDRE; GUILLOT JEROME; LEGHRIB RADOUANE; LLOBET VALERO EDUARD; MANSOUR ALI; MIGEON HENRI-NOEEL; PIREAUX JEAN-JACQUES; RENIERS FRANCOIS AMAND BAUDOUIN; SENSOTRAN S L; UNI ROVIRA I VIRGILI; UNIV BRUXELLES; UNIV NAMUR;	G01N027/0012;	device for the selective detection of benzene gas, method of obtaining it and detection of the gas therewith
US2011089051 A1 20110421	US20080033593P; US20090920612; WO2009US01396;	MASSACHUSETTS INST TECHNOLOGY;	G01N027/0012; G01N027/0030; B05D005/0012;	devices and methods for determination of species including chemical warfare agents
US2011107473 A1 20110505	US20060782575P; US20070686046;	WISCONSIN ALUMNI RES FOUND;	C23C014/0006; G01Q070/0014; C23C014/0048;	diamond-like carbon coated nanoprobe
US2011026750 A1 20110203	CN20091108865;	HON HAI PREC IND CO LTD; UNIV TSINGHUA;	H04R001/0002;	diaphragm and loudspeaker using the same
US2011061891 A1 20110317	US20090212409P; US20100757673;	RENSSELAER POLYTECH INST;	C08L063/0000; B32B003/0026; B05D003/0002; H01B003/0030; D02G003/0000;	diblock copolymer modified nanoparticle-polymer nanocomposites for electrical insulation

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US2011147060 A1 20110623	JP20080135379;WO2 009JP59550;		C04B035/0462; B32B005/0000; B05D001/0020; B05D001/0018; B32B037/0000; H05K001/0000;	dielectric film, dielectric element, and process for producing the dielectric element
EP2310831 A1 20110420	US20080077988P;US 20090498238;WO200 9US49726;	HYSITRON INC;	G01N003/0042;	digital damping control of nanomechanical test instruments
US2011003277 A1 20110106	US20040608130P;US 20050221895;US2010 0819844;	APPLIED BIOSYSTEMS LLC;	H01B001/0022; C12Q001/0000;	dioxetane-nanoparticle assemblies for energy transfer detection systems, methods of making the assemblies, and methods of using the assemblies in bioassays
WO2011047386 A1 20110421	US20090252711P;	THORKESSON KARI;UNIV CALIFORNIA;XU TING;ZHAO YUE;	G01N033/0053; C12Q001/0068; G01N033/0543;	direct hierarchical assembly of nanoparticles
US2011160346 A1 20110630	US20060788234P;US 20060789300P;US200 60810394P;US200608 19319P;US200706934 54;US20070695877;U S20070757272;US201 113040085;	APPLIED NANOTECH HOLDINGS INC;	C08G059/0016; C08G059/0014; C09D163/0000; C08K003/0004;	dispersion of carbon nanotubes by microfluidic process
ES2357278T T3 20110420	DE200810024888;	EGO ELEKTRO GERAETEBAU GMBH;	H05B006/0036; H05B006/0012;	dispositivo de calentamiento por induccion y procedimiento para la fabricacion de un dispositivo de calentamiento por induccion.
BRPI0901577 A2 20110104	BR2009PI01577;	UNIV FED DE PERNAMBUCO;	H01L021/0002;	dispositivo semiconductor nanoestruturado do tipo varistor constituído de polímero condutor e óxido de zinco e metais
US2011057153 A1 20110310	US20070846972;US2 0080060506;	IBM;	C12Q001/0068; C12M001/0036; C07H021/0004;	dna-based functionalization of single walled carbon nanotubes for directed assembly
WO2011016053 A1 20110210	IN2009DE01620;	BASHIR MOHAMMAD KHAN;COUNCIL SCIENT IND RES;OTHALATHARA USHARRAJ ABHILASH;PERIYASAMY SHANMUGH AM VIJAYKUMAR;PRASAD L V	C12N001/0020; C12N001/0014; C12N015/0089; C12N015/0010;	dna loaded supported gold nanoparticles, process for the preparation and use thereof



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		BHAGAVATULA;		
US2011027454 A1 20110203	AU20050902937;US2 0070916570;US20100 902769;WO2006AU00 771;	UNIV SOUTH AUSTRALIA;	B05D007/0000;	dried formulations of nanoparticle-coated capsules
US2011014296 A1 20110120	US20090504926;	UNIV NAT CHIAO TUNG;	A61K009/0014; A61K038/0002;	drug delivery nanodevice, its preparation method and uses thereof
WO2011072240 A1 20110616	US20090285495P;	BLACK KEITH L;CEDARS SINAI MEDICAL CENTER;HOLLEREGGEHARD;LJUBIM OVA JULIA Y;PATIL RAMESHWAR;	A01N043/0052; A61K031/0425;	drug delivery of temozolomide for systemic based treatment of cancer
CN101959542 A 20110126	JP20070331948;WO2 008JP73884;	UNIV OSAKA;UNIV YAMAGUCHI;	A61P043/0000; A61L031/0000; A61P009/0010; A61K009/0051; A61F002/0082; A61K045/0000;	drug delivery system
US2011008262 A1 20110113	TW20020138150;US2 0030747049;US20100 886083;		A61K009/0000; A61K009/0127; A61K047/0048; A61K049/0000; A61K031/0137; A61K031/7042; A61K031/0683; A61K031/7088;	drug delivery system targeting to estrogen receptor over-expressed cells

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KR20110036810 A 20110411	US20080061697P;US 20080061704P;US200 80061760P;US200800 88159P;US200801059 16P;US20080106777 P;US20090169514P;U S20090169519P;US2 0090169541P;US2009 0173784P;US2009017 3790P;US2009017520 9P;US20090175219P; US20090175226P;US 20090182300P;	BIND BIOSCIENCES INC;	A61K033/0024; A61K009/0016; A61K031/0337; A61K047/0034;	drug loaded polymeric nanoparticles and methods of making and using same
US2011051974 A1 20110303	CN20091189818;	HON HAI PREC IND CO LTD;UNIV TSINGHUA;	H01B011/0000; H04R025/0000;	earphone cable and earphone using the same
US2011051973 A1 20110303	CN20091189819;	HON HAI PREC IND CO LTD;UNIV TSINGHUA;	H04R025/0000; H01B011/0002;	earphone cable and earphone using the same
KR20110059917 A 20110608	KR20090116350;	KIM SONG YI;	A01G001/0000; B27N003/0000;	eco mat
US7863517 B1 20110104	US20050215046;	XTREME ENERGETICS INC;	H01L031/0000;	electric power generator based on photon-phonon interactions in a photonic crystal
US2011038974 A1 20110217	US20040630988P;US 20050668240P;US200 50720171;US2010088 5015;WO2005US4289 5;	NCC NANO LLC;	B22F003/0010;	electrical plating and catalytic uses of metal nanomaterial compositions
US2011116154 A1 20110519	GB20080007793;WO2 009GB01064;		H01L033/0058; H01L031/0232; G02F001/0023; H01L031/0018;	electrically-tunable optical devices

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US2011155966 A1 20110630	US20020413114P;US 20030669422;US2011 13045207;	DU PONT;	H01B001/0004; H01B001/0012; C08K003/0000; H01B001/0002; H01L051/0030; H01L051/0050;	electrically conducting organic polymer/nanoparticle compositesand methods for use thereof
CN101977985 A 20110216	US20080037758P;WO 2009US37461;	DU PONT;	C08L025/0018; C08L065/0000; H01B001/0012; H01L051/0050; H01L051/0052; C08L027/0012;	electrically conductive polymer compositions and films made therefrom
TW201100480 A 20110101	US20090159624P;	DU PONT;	C08K009/0004; C08L101/0012; C09D005/0024; H01L051/0050; H01B001/0014; C08L101/0004; C08K003/0036;	electrically conductive polymer compositions for coating applications
US7900527 B1 20110308	US20060876878P;US 20070959706;	UNIV CENTRAL FLORIDA RES FOUND;	G01D007/0002;	electrically deflected nanomechanical sensors
US2011042225 A1 20110224	AU20070906759;WO2 008AU01830;	UNIV MONASH;	G01N027/0030; C25D009/0002; G01N027/0026; B05D005/0012;	electrochemical nanocomposite biosensor system
US2011091796 A1 20110421	US20050254629;US2 0060482290;US20100 961100;	QUANTUMSPHERE INC;	H01M008/0004; H01M004/0064; H01M004/0002; B01J035/0010; H01M002/0014; B01J031/0006; H01M004/0583;	electrochemical catalysts
WO2011069743 A1 20110616	EP20090178381;	CASTRO MICKAEL;FELLER JEAN- FANCOIS;LUIZI FREDERIC;MEZZOLUCA;NANOCYL S A;UNIV BRETAGNE SUD;	G01N033/0000; G01N027/0012;	electrochemical sensing method

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US2011114875 A1 20110519	US20090281262P;US 20100946905;		H01M004/0090;	electrochemically active materials and precursors thereto
US2011102002 A1 20110505	US20080043514P;US 20100763799;US2010 0889019;WO2009US3 9737;		G01R027/0008; H01B005/0000; C40B060/0012;	electrode and sensor having carbon nanostructures
US2011034969 A1 20110210	AU20070906334;WO2 008AU01718;		A61N001/0005;	electrode array for a cochlear implant
US2011065570 A1 20110317	CN20071022235;US2 0090524561;US20100 946170;WO2008CN70 936;	UNIV NANJING;	B01J027/0024; H01M004/0088;	electrode catalyst of carbon nitride nanotubes supported by platinum and ruthenium nanoparticles and preparation method thereof
US2011071596 A1 20110324	AU20070906334;AU2 0090903424;US20100 842029;WO2008AU01 718;		A61F011/0004; A61N001/0036; H01R043/0000;	electrode contacts for a medical implant
US2011027655 A1 20110203	US20080067018P;US 20080130679P;US200 90254090P;US200903 92525;US2010090411 3;		H01M004/0026; H01M004/0583;	electrodes including collar stop
WO2011014172 A1 20110203	WO2009US52255;	BRATKOVSKI ALEXANDRE;HEWLETT PACKARD DEVELOPMENT CO;RIBEIRO GILBERTO;WANG SHIH- YUAN;WILLIAMS STANLEY;YANG JIANHUA;	H01L029/0040;	electroforming-free nanoscale switching device
US2011076665 A1 20110331	US20080131017P;US 20090996412;WO200 9US46407;		A01N001/0000; C12M001/0000; C08B001/0000; B32B023/0000; C40B050/0006; C12N005/0000;	electromagnetic controlled biofabrication for manufacturing of mimetic biocompatible materials

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US2011017985 A1 20110127	US20080041605P;US 20090933467;WO200 9US39066;		C07C309/0081; C07C022/0008; C07C043/0176; H01L051/0040; H01L051/0000;	electronic device utilizing fluorinated carbon nanotubes
US2011150695 A1 20110623	US20050709561P;US 20060506769;	NANOSYS INC;	C22C005/0004; B32B015/0002;	electronic grade metal nanostructures
US2011154648 A1 20110630	US20020349670P;US 20030345783;US2009 0634525;US20111304 7593;	NANOMIX INC;	G01N033/0551; H05K013/0000; G01N033/0566; G01N033/0543; G01N033/0058;	electronic sensing of biological and chemical agents usingfunctionalized nanostructures
EP2311975 A1 20110420	EP20090172950;	IEE SARL;	G01N033/0487; G01N027/0447; C12Q001/0068;	electrophoretic biomolecules separation device
US2011064675 A1 20110317	US20080039293P;US 20100887689;WO200 9US38112;	UNIV DELAWARE;UNIV EMORY;	A61K009/0050; A61K049/0016; A61K049/0014; A61K039/0395; A61K033/0026; A61P035/0000;	elemental iron nanoparticles
ES2357047T T3 20110415	DE19991019769;	COGNIS IP MAN GMBH;	A61Q015/0000; A61K008/0004; A61K008/0042; A61K009/0051; A61K008/0002;	empleo de productos activos antimicrobianos nanometricos endesodorantes corporales.
US2011033513 A1 20110210	US20060611501;US2 0100909152;		A61K008/0081; A61Q017/0004; A61Q005/0012; A61Q005/0002; A61K008/0002; C11D003/0060; B01J013/0018; A61K008/0092;	encapsulated active material containing nanoscaled material

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EP2302669 A1 20110330	EP20050800507;US2 0040625452P;	TAIWAN SEMICONDUCTOR MFG;	H01L023/0029; H01L021/0056;	encapsulation material for integrated circuits containing carbonnanotubes
EP2328554 A1 20110608	FR20080055589;WO2 009EP60539;	COMMISSARIAT ENERGIE ATOMIQUE;	A61K041/0000; A61K009/0107; A61P035/0000; A61K047/0048;	encapsulation of lipophilic or amphiphilic therapeutic agents innano- emulsions
WO2011034939 A1 20110324	US20090242691P;	ROSSI MARVIN A;UNIV RUSH MEDICAL CENTER;	A61N001/0000;	energy-releasing carbon nanotube transponder and method of usingsame
WO2011046602 A1 20110421	US20090278866P;US 20100925047;	JEFFERSON SCIENCEASS LLC;NASA;NAT INST OF AEROSPACE ASSOCIATES;	H01L021/0000;	energy conversion materials fabricated with boron nitridenanotubes (bnnts) and bnnt polymer composites
US2011112232 A1 20110512	US20080075258P;US 200913000765;WO20 09US48467;		B01J031/0038; A61L002/0008; C08K003/0018; A61L002/0010; C07C039/0014; B01J031/0026;	enhancement of electron scavenging by water-soluble fullerenes
KR20110024339 A 20110309	KR20090082289;	KIM JIN WOO;	A01P007/0004; A01N065/0008;	environmental friendly fermented liquid composition and method forpreparing the same
CN102107853 A 20110629	CN20091200840;	SHANGHAI INST CERAMICS;	B81C099/0000; B81C001/0000; B82B003/0000;	etching device of micro-nano ferroelectric domain structurebased on atomic force microscope acoustic microscopy system
WO2011024539 A1 20110303	JP20090194537;	HATA KENJI;HAYAMIZU YUHEI;NAT INST OF ADVANCED IND SCIEN;YAMADA TAKEO;	C01B031/0002; G01D005/0016; G01B007/0016;	expansion device using carbon nanotube and method formanufacturing same
US2011142900 A1 20110616	JP20080218079;WO2 009JP65137;	TEIJIN FIBERS LTD;	A61L009/0012; A01N025/0010;	extra fine filament yarn containing deodorant functional agent andproducing the same
KR20110035033 A 20110406	KR20090092577;	UNIV KYUNG HEE UNIV IND COOP;	H01L021/0208;	fabrication method of flexible board
TWI342050B B 20110511	US20030744516;	SAMSUNG ELECTRONICS CO LTD;	C30B029/0068; C30B029/0060; B82B003/0000; H01L021/0336; B81B001/0000;	fabrication of nano-object array

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CN101959790 A 20110126	AU20080900526;WO2008AU01814;	QUCOR PTY LTD;	B82B003/0000; H01L021/0031; B82B001/0000; H01L021/0028;	fabrication of atomic scale devices
US2011011794 A1 20110120	US20050726651P;US20060549732;US20100892427;	STC UNM;	B05D005/0000; B01D069/0004;	fabrication of enclosed nanochannels using silicananoparticles
WO2011053633 A1 20110505	US20090255474P;	AGENCY SCIENCE TECH & RES;CHOW EDWIN PEI YONG;PEK YURI SHONA;YING JACKIEY;	C09K009/0002; C08F002/0032; C08J005/0002; C08F251/0000; C08K005/0357; G02C007/0004;	fast-response photochromic nanostructured contact lenses
US2011104287 A1 20110505	US20070980842P;US20080738781;WO2008US80495;		A61P035/0000; C07D487/0000; A61K009/0014; A61K031/0055; A61P037/0002; A61K031/0395;	fenoldopam formulations and pro-drug derivatives
CN102046526 A 20110504	EE20080000055;WO2009EE00012;	NIKOLAJEVA LRINA;	C01B025/0037; C09K021/0004; C23F011/0018; A01N059/0000; B27K003/0026;	ferric phosphate based composition, the preparation and use thereof
EP2321219 A2 20110518	US20080190542P;WO2009US54306;	DOW CORNING;	C01B031/0036; C04B035/0000; C01B031/0002; C01B033/0021;	fibers including nanoparticles and a method of producing thenanoparticles
ES2353147T T3 20110225	FR20040011604;	CENTRE NAT RECH SCIENT;	D01D005/0000; D01F009/0012; D01F001/0010;	fibras de materiales compuestos que comprenden al menosnanotubos de carbono, su procedimiento de obtencion y sus aplicaciones.

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ES2354617T T3 20110316	US20040563355P;	PROCTER & GAMBLE;	D04H003/0016; D04H013/0002; A61F013/0015; B32B005/0026; D04H013/0000; D04H001/0042; B32B005/0002; D01D005/0042;	fibras, materiales no tejidos y articulos que contienen nanofibras producidas a partir de polimeros con elevada temperatura de transicion vitrea.
US2011062419 A1 20110317	JP20080141161;WO2 009JP02269;		H01L021/0336; H01L029/0006;	field effect transistor and method for manufacturing the same
US2011045169 A1 20110224	JP20040210223;US20 070571758;US201009 13246;WO2005JP128 97;	KONICA MINOLTA HOLDINGS INC;UNIV TOKYO;	B05D001/0012; B05D005/0006;	film dispersed of carbon nanotubes and light emitting body
WO2011016274 A1 20110210	JP20090180267;	ICHINOSE IZUMI;NAT INST FOR MATERIALS SCIENCE;PENG XINSHEN;	B01D061/0014; B01D071/0074; B01D069/0000;	filter for separation of organic high-molecular substance and method for separating organic high-molecular substance
CN201799173U U 20110420	CN20102185117U;	ZHENGHESHUN INDUSTRY CO LTD;	B01D039/0014; B01D039/0016; A01N025/0010; A01N059/0016;	filter material structure with anti-bacterial function
US2011054107 A1 20110303	JP20070181907;WO2 008JP62069;	IDEMITSU KOSAN CO;	C08L069/0000;	flame-retardant polycarbonate resin composition and molded article thereof
US2011150737 A1 20110623	US20040592913;US2 0100928185;WO2004 CH00151;		C01G001/0002; C01B017/0096; C01B025/0032; C01B013/0034; A61L027/0012; C01B025/0455; C01F011/0018; C01G001/0000; C01F011/0046;	flame synthesis of metal salt nanoparticles, in particular calcium and phosphate comprising nanoparticles
US2011095261 A1 20110428	US20080026967P;US 20100851336;WO200 8US13504;		H01L033/0006;	flexible devices including semiconductor nanocrystals, arrays, and methods



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WO2011067961 A1 20110609	JP20090274921;JP20 090293960;	JAPAN SCIENCE & TECH AGENCY;YAMAMOTO TAKATOKI;	G01N027/0000; G01N037/0000; C12M001/0000; B01J019/0000; B81B001/0000; G01N015/0014;	flow path device and sample processing device including same
CN102100164 A 20110622	CN20101579933;	MINGHUA CHEN;	A01G009/0002; A01G027/0006;	flower pot
EP2308513 A2 20110413	EP20050025022;WO2 006EP10996;	SIGNALOMICS GMBH;	A61K049/0000; A61K047/0048; C09K011/0088;	fluorescent nanoparticles
US2011101240 A1 20110505	US19980107829P;US 19990372729;US1999 0436145;US20010755 407;US20030417303; US20040884528;US2 0100844816;	LIFE TECHNOLOGIES CORP;	B44F001/0012; B32B003/0030; A61K009/0016; B41M003/0014; C09K011/0006; B05D001/0032; C09K011/0008; C09D011/0000; G01N021/0064; G07F007/0008; C09K011/0002; G07D007/0012;	fluorescent ink compositions comprising functionalized fluorescentnanocrystals
WO2011003109 A1 20110106	US20090222851P;US 20100312827P;	BRADBURY MICHELLE;BURNS ANDREW;LARSON STEVEN;LEWIS JASON;OW HOOSWENG;PENATE MEDINA OULA;SLOAN KETTERING INST CANCER;WIESNERULRICH;	G01N033/0050;	fluorescent silica-based nanoparticles
US2011065946 A1 20110317	US20040627722P;US 20050273054;US2010 0948911;	UNIV RICE WILLIAM M;	B32B009/0000;	fluorinated nanodiamond as a precursor for solid substrate surface coating using wet chemistry
US2011003149 A1 20110106	US20050737186P;US 20060560570;US2006 0775110P;US2006077 5559P;US2010088079 1;		C01B031/0030; H01M004/0058; C01B031/0000; B32B009/0000;	fluorination of multi-layered carbon nanomaterials

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US2011085987 A1 20110414	TW20090134199;	UNIV KAOHSIUNG MEDICAL;	A61K049/0018; A61P035/0000; A61K009/0016;	folic acid-mediated magnetic nanoparticle clusters for combined targeting, diagnosis, and therapy applications
WO2011076203 A1 20110630	DE200910059276;	MAIER GEORG;NUSKO ROBERT;RENT A SCIENTIST GMBH;	C09C001/0030; B82Y030/0000; A01N059/0016;	formulation comprising metal nanoparticles
EP2310820 A1 20110420	IT2008SA00022;WO2 009IB53426;	UNIV DEGLI STUDI SALERNO;	G01K007/0022; G01K007/0018;	freestanding carbon nanotube networks based temperature sensor
DK1828447 T3 20110321	US20040628469P;WO 2005US41603;	HYPERION CATALYSIS INT;	D01F009/0012; D01C005/0000;	fremgangsmåde til at fremstille understøttede katalysatorer frametalpåførte kulstof-nanorør
CN101973507 A 20110216	CN20101222382;	UNIV JIAOTONG SOUTHWEST;	B81C001/0000;	friction induction-based single crystal quartz surface selective etching method
US2011114189 A1 20110519	US20080123354P;US 20090936676;WO200 9US39697;	VORBECK MATERIALS CORP;	F17D001/0000; H01B001/0024; B32B001/0008; B32B027/0020;	fuel system components
US2011088759 A1 20110421	US20060841983P;US 20070844827;US2010 0976215;	INNOVALIGHT INC;	C01B031/0030; H01B001/0002; H01B001/0004; H01L031/0028; H01B001/0012; C01B031/0036;	fullerene-capped group iv semiconductor nanoparticles and devices made therefrom
WO2011025522 A1 20110303	US20090236957P;US 20100854359;	MOLECULAR IMPRINTS INC;UNIV TEXAS;	G03F007/0000;	functional nanoparticles
US2011045274 A1 20110224	US20090147942P;US 20100695766;	UNIV FLORIDA STATE RES FOUND;	B32B037/0014; B05D001/0018; B32B027/0004;	functionalized nanoscale fiber films, composites, and methods for functionalization of nanoscale fiber films
EP2305775 A2 20110406	EP20050858281;US2 0040623425P;	MOLECULAR PROBES INC;	G01N033/0058; C09K011/0054;	functionalized fluorescent nanocrystals, and methods for their preparation and use

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US2011110868 A1 20110512	US20080042656P;US20090934044;WO2009US02060;		a61k049/0006; a61k009/0014; a61p009/0000; a61p025/0016; a61p035/0000; a61p025/0028; a61k031/0721;	
EP2279852 A1 20110202	EP20090166862;	ROLLS ROYCE CORP;	B29C070/0088; F01D025/0000; F01D005/0028; H01B001/0024;	gas turbine engine and method including composite structures with embedded integral electrically conductive paths
US2011133169 A1 20110609	US20090630942;	IBM;	H01L029/0078; H01L029/0008; H01L029/0012; H01L021/0336;	gate-all-around nanowire tunnel field effect transistors
EP2307487 A1 20110413	FR20080055311;WO2009EP59901;	COMMISSARIAT ENERGIE ATOMIQUE;	C08K009/0010; C08J005/0000; C08K009/0008; C08J003/0075;	gelled and freeze-dried capsules or agglomerates of nano-objects or nanostructures, nanocomposite materials with a polymer matrix containing same, and methods for preparing same
WO2011036191 A2 20110331	EP20090382185;	CT DE INVESTIGACION COOPERATIVA EN BIOMATERIALES CIC BIOMAGUNE ASOC; GALLO PARAMO JUAN; GARCIA MARTIN ISABEL; PENADES ULLATE SOLEDAD;	A61K047/0048; A61K049/0018;	gold -coated magnetic glyconanoparticles functionalised with proteins for use as diagnostic and therapeutic agents
US2011110858 A1 20110512	US20090260108P;US20100927323;		A61K049/0004; A61K049/0000; C07D207/0016; A61K049/0006; B32B005/0016;	gold nanoparticle imaging agents and uses thereof
US2011124185 A1 20110526	US20020409843P;US20020409845P;US20030659992;US20080029607;US20100938870;	UNIV CALIFORNIA;	C01B019/0000; C09K011/0056; C01G011/0000; C09K011/0088; G01N033/0058;	graded core/shell semiconductor nanorods and nanorod barcodes

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			H01L021/0020;	
US2011059599 A1 20110310	US20090241359P;US 20100326561P;US201 00879400;	LOCKHEED CORP;	H01L021/0020;	graphene nanoelectric device fabrication
US2011108978 A1 20110512	US20090614215;	BOEING CO;	H01B001/0004; H01L021/0050; H01L023/0034;	graphene nanoplatelet metal matrix
EP2281779 A2 20110209	KR20090072116;	SAMSUNG ELECTRONICS CO LTD;	C01B031/0002; H01J001/0304;	graphene base and method of preparing the same
EP2313256 A1 20110427	EP20080164837;EP20 090789937;US200801 88854;WO2009US484 86;	EXXONMOBIL CHEM PATENTS INC;	B29D030/0000; B29D022/0000; C08L023/0018; C01B031/0004; C08L023/0022; C08J005/0000; C08K007/0006; C08L023/0028; C08L023/0020; C01B031/0002;	graphite nanocomposites
WO2011041458 A1 20110407	US20090246953P;	BARUWATI BABITA;COLLINS JOHN B;HOAG GEORGE E;VARMA RAJENDER S;	C02F003/0000;	green synthesis of nanometals using fruit extracts and usethereof
EP2315639 A2 20110504	US20080071785P;WO 2009US44402;	VERUTEK TECHNOLOGIES INC;	B82B001/0000; B22F001/0000; B22F009/0024;	green synthesis of nanometals using plant extracts and usethereof
CN201733724U U 20110209	CN20102165742U;	NINGBO HAINENG FISHERY DEV CO LTD;	A01K063/0004; A01K063/0000;	grouper cultivating aquarium
CN201733730U U 20110209	CN20102165730U;	NINGBO HAINENG FISHERY DEV CO LTD;	A01K063/0004;	grouper factory circulating water aquaculture device

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SG170827 A1 20110530	US20060397358;US20060397406;US20060397413;US20060397430;US20060397527;	MICRON TECHNOLOGY INC;		grown nanofin transistors
US2011121257 A1 20110526	US20030485244P;US20040883966;US20070004276;US20100942569;	PINON TECHNOLOGIES INC;	C30B029/0062; H01L033/0024; H01L023/0049; C30B029/0060; H01L029/0006; H01L021/0208; C30B029/0008; C30B029/0006;	growth of single crystal nanowires
CN101962205 A 20110202	CN20091017419;	YANTAI INST OF COASTAL ZONE SUSTAINABLE DEV RES;	C12Q001/0018; A01N059/0016; C01G005/0002; A01P001/0000;	halogenated silver nano-particles and synthesis method and application thereof
US2011020242 A1 20110127	US20070013233P;US20080104506P;US20080747815;WO2008CA02203;		A61K049/0014; A61P035/0000; A61K009/0014; A61K049/0000; C07K017/0002;	high-density lipoprotein-like peptide-phospholipid scaffold (hpps")nanoparticles
WO2011038233 A1 20110331	US20090246018P;	FARMER JOSEPH C;L LIVERMORE NAT SECURITY LLC;	H01M010/0562; H01M010/0525; H01M010/0039; H01M012/0006;	high-performance rechargeable batteries with fast solid-state ionconductors
US2011073837 A1 20110331	US20090246087P;US20100891764;	UNIV SOUTHERN CALIFORNIA;	H01L021/0036; H01L033/0000; H01L021/0336;	high-performance single-crystalline n-type dopant-doped metal oxidenanowires for transparent thin film transistors and active matrix organic light-emitting diode displays
EP2307928 A2 20110413	SE20080001770;WO2009EP05340;	SMOLTEK AB;	G03F007/0000;	high aspect ratio template for lithography, method of making the same template and use of the template for perforating a substrate at nanoscale
CN101971354 A 20110209	US20070913231P;US20070978635P;US20080031643P;WO2008US60938;	CAMBRIOS TECHNOLOGIES CORP;	H01L031/0224; H01L033/0000;	high contrast transparent conductors and methods of forming the same

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US2011128840 A1 20110602	US20070618945;US2 0080056477;US20111 3016492;	IBM;	G11B003/0070;	high density data storage medium, method and device
US2011122682 A1 20110526	US20090624141;	IBM;	H01L021/0336; H01L021/0006; G11C007/0000; H01L045/0000; G11C011/0000; H01L021/0082;	high density low power nanowire phase change material memorydevice
US2011088739 A1 20110421	US20090253479P;US 20100908813;	LOCKHEED CORP;	B32B005/0016; H01B001/0002; H01L035/0032; B23K010/0000;	high efficiency thermoelectric converter
US2011020211 A1 20110127	US20080068527P;US 20090921257;WO200 9US36533;	UNIV TOLEDO;	D01F009/0012; C23C016/0455; B82B003/0000; C23C016/0000;	high throughput carbon nanotube growth system, and carbonnanotubes and carbon nanofibers formed thereby
US2011037020 A1 20110217	US20040018678;US2 0100911117;	US GOVERNMENT;	C08L063/0000; C09K003/0000; C08K003/0008;	highly aromatic compounds and polymers as precursors to carbonnanotube and metal nanoparticle compositions in shaped solids
US2011014111 A1 20110120	US20070962831P;US 20080667808;WO200 8US71326;		C01B031/0004;	highly efficient process for manufacture of exfoliated graphene
US2011017950 A1 20110127	US19970969302;US1 9990145708P;US2000 0625861;US20030642 578;US20040960947; US20060502493;US2 0090509869;US20100 725438;	MASSACHUSETTS INST TECHNOLOGY;	B05D007/0000;	highly luminescent color-selective nanocrystalline materials

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EP2317570 A2 20110504	EP19980957785;US1 9970969302;	MASSACHUSETTS INST TECHNOLOGY;	H01L033/0000; C09K011/0088; C09K011/0008; H01S003/0016; C09K011/0056; C09K011/0000;	highly luminescent color-selective materials
US2011027163 A1 20110203	JP20010361992;JP20 010372718;US200404 96836;US2010066267 6;WO2002JP12445;		C01B031/0002; B01J029/0088; D01F009/0127; B01J029/0086; B01J029/0014; B01J029/0046; B01J029/0089; D01F009/0012; B01J029/0072; B01J035/0006;	hollow nanofibers-containing composition
US2011052496 A1 20110303	US20080067795P;US 20100870215;WO200 9IB05426;		A61K009/0014; A61K039/0029; A61K049/0000; C07K002/0000; C12N005/0010; C07H021/0004; C07K014/0002; A61K039/0395; A61P001/0016; A61P035/0000; C12N001/0000;	hollow nanoparticles and uses thereof

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US2011135571 A1 20110609	US20080030746P;US 20080137565P;US200 90918748;WO2009US 34867;		A61P035/0000; A61B005/0055; C08F026/0010; A61K009/0014; B32B005/0000; A61K051/0000; A61K009/0127; A61K049/0000; C12N005/0000; A61K031/0079;	hybrid nanoparticles as anti-cancer therapeutic agents and dualtherapeutic/imaging contrast agents
WO2011011899 A2 20110203	US20090229351P;	UNIV CHILE;	C01B033/0014;	hybrid nanoparticles with controlled morphology and use thereof in nanocomposites with thermoplastic polymer matrix
EP2288449 A1 20110302	US20080127109P;WO 2009US02876;	CENTRE NAT RECH SCIENT;RHODIA OPERATIONS;	C01F017/0000; C09C003/0008; B05D003/0002;	hybrid nanoscale particles
US2011018539 A1 20110127	US20070890075;US2 0100898752;		G01R033/0044;	hybrid imaging coils for magnetic resonance imaging
KR101040861B B1 20110614	KR20100108421;	KYUNGPOOK NAT UNIV IND ACAD;	C08K003/0008; C08L033/0006; A01N059/0016; C08J003/0075;	hydrogel microparticle containing antibacterial nano silverparticles and manufacturing method thereof
US2011070143 A1 20110324	US20090244251P;US 20100886805;	AMETHYST RES INC;	B01J019/0012; C01B033/0021;	hydrogenation of polysilicon nanowires
US2011103854 A1 20110505	US20090610513;	XEROX CORP;	C08K003/0004; C08K003/0036; C08K003/0034; C08L083/0004; H01B001/0012; C08K003/0008; C08K003/0022; C08L027/0012; B32B009/0000; B32B005/0016; C08K003/0028; G03G015/0020;	hyper nanocomposites (hnc) for fuser materials



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			C08L027/0018;	
US2011120388 A1 20110526	US20090591641;		A01K027/0000;	illuminated/multi-faceted pet leash assembly
US2011117020 A1 20110519	US20080064329P;US 20090919647;WO200 9US35766;	UNIV PENNSYLVANIA;	A61K049/0000; A61B005/0005;	imaging dendrimer nanoprobe and uses thereof
WO2011047336 A1 20110421	US20090252058P;	NEXGEN SEMT HOLDING INC;	H03H009/0000; G01Q060/0000; G01N029/0004;	imaging devices for measuring the structure of a surface
JP2011011558 A 20110120	US20040852448;	AGENCY SCIENCE TECH & RES;UNIV OF MICHIGAN;	B81C001/0000; B82B003/0000; B28B011/0008; B82B001/0000; G03C005/0000; B29C059/0002; G03F007/0000; H01L021/0027; B81C099/0000;	imprinting method for three-dimensional micro- or nano-structure supported and independent
KR20110036543 A 20110407	US20080060102P;US 20080105295P;	SAMSUNG ELECTRONICS CO LTD;TOKYO ELECTRON LTD;	H01L031/0224; G06F003/0041; H01B013/0000; H01B001/0004;	improved cnt/topcoat processes for making a transistor conductor
EP2329319 A1 20110608	DE200810041623;WO 2009EP61005;	AMO GMBH;	G03F007/0000;	improved nanoimprint method
EP2272097 A2 20110112	US20080049594P;US 20080110220P;US200 90351378;US2009041 9846;WO2009US4179 7;	UNIV MICHIGAN;	H01L031/0101; H01L031/0042;	improved polymer wrapped carbon nanotube near-infraredphotoactive devices
EP2269581 A1 20110105	EP20070765734;GB2 0060013925;	UNILEVER NV;UNILEVER PLC A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANYNO 41424 OF UNILEVER HOUSE;	A61K009/0016; A61K031/0366;	improvements relating to biocidal compositions

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WO2011002443 A1 20110106	WO2009US49156;	HEWLETT PACKARD DEVELOPMENT CO;TONG WILLIAM;WILLIAMS RSTANLEY;YANG JIANHUA;	B81B007/0000; B81B007/0004;	individually addressable nano-scale mechanical actuators
US2011054102 A1 20110303	US20050685275P;US 20060443384;US2010 0861985;		C08K003/0022; B28B003/0000;	inert wear resistant ptfe-based solid lubricant nanocomposite
EP2288258 A1 20110302	US20080125602P;WO 2009US41675;	UNIV CENTRAL FLORIDA RES FOUND;UNIV OKLAHOMA STATE;	A01N043/0004;	inhibition of neovascularization by cerium oxide nanoparticles
US2011040031 A1 20110217	EP20080007582;WO2 009EP02854;	NANORESINS AG;	C08L031/0002;	inorganic nanoparticles and polymer composite produced therefrom
MX2010013322 A 20110121	EP20080157686;US2 0080060202P;WO200 9EP56880;	NANOBIOTIX;	A61P035/0000; A61K041/0000;	inorganic nanoparticles of high density to destroy cells in-vivo.
JP2011085590 A 20110428	US20000190766P;	MASSACHUSETTS INST TECHNOLOGY;NAVAL RES LAB;	G01N033/0053; G01N033/0566; C01B019/0004; G01N033/0543; G01N033/0551; G01N033/0531;	inorganic particle conjugate
CN201846704U U 20110601	CN20102560983U;	LING JIANG;	A01M001/0004;	insect-trapping lamp
US2011056845 A1 20110310	US20080006635P;US 20090864172;WO200 9US31754;		G01R027/0008; G01N027/0026; C12N013/0000; B05D005/0012;	insulated nanogap devices and methods of use thereof
US2011151154 A1 20110623	US20060344983;US2 01113039666;	MOMENTIVE PERFORMANCE MAT INC;	E06B003/0066;	insulated glass unit with sealant composition having reduced permeability to gas
TWI339430B B 20110321	US20040787640;	IBM;	H01L023/0048; H01L021/0285; H01L023/0522; H01L021/0768;	integrated circuit chip utilizing carbon nanotube composite interconnection vias

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EP2269659 A1 20110105	EP20030707550;US20020351390P;	BARNES JEWISH HOSPITAL;BRISTOL MYERS SQUIBB MEDICAL IMAGING INC;	A61K049/0022; A61K047/0022; A61K047/0048; A61K047/0042; A61K049/0000; A61P043/0000; A61K049/0018;	integrin targeted imaging agents
EP2292718 A2 20110309	EP20050256775;KR20040091894;KR20050079284;	SAMSUNG ELECTRONICS CO LTD;	C09K011/0056; H01L033/0028; H05B033/0014; H01L051/0050;	interfused nanocrystals and method of preparing the same
US2011104073 A1 20110505	US20070885512P;US20090522938;US20100880653;WO2008US50557;		A61K049/0000; A61N002/0000; B05D005/0012; A61P035/0000;	iron/iron oxide nanoparticle and use thereof
US2011147697 A1 20110623	US20090653847;		H01L021/0020; H01L029/0066;	isolation for nanowire devices

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JP2011101047 A 20110519	US20020414323P;US 20020414359P;US200 30468276P;US200304 74065P;US200304888 01P;	NANOSYS INC;	C01B031/0002; B82B001/0000; H01L041/0018; H01L051/0000; H01L021/0077; H01L029/0786; H01L051/0005; H01L027/0012; H01L041/0022; H01L029/0861; H01L041/0024; H01L021/0000; H01L033/0026; H01L035/0034; H03H011/0020; H01L029/0006; H01L021/0331; H01L029/0737; H01L021/0336; H01L041/0193; H01L033/0006;	large-area nanoenabled macroelectronic substrate, and use therefor
US2011045660 A1 20110224	US20020414323P;US 20020414359P;US200 30445421P;US200304 68276P;US200304740 65P;US20030488801 P;US20030674030;US 20050106340;US2006 0490637;US20070760 382;US20100940789;	NANOSYS INC;	H01L021/0036; H01L021/0020;	large-area nanoenabled macroelectronic substrates and uses therefor
US2011024719 A1 20110203	US20080123822P;US 20090936938;WO200 9US40346;		C25B007/0000; H01L021/3205; H01L029/0066;	large scale nanoelement assembly method for making nanoscale circuit interconnects and diodes
US2011107942 A1 20110512	BR2008PI02018;WO2 009BR00119;		C23C016/0026; C04B007/0048;	large scale production of carbon nanotubes in portland cement

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US2011012074 A1 20110120	US20080069439P;US 20090922479;WO200 9US01602;	OXAZOGEN INC;	C08K003/0004; G02B005/0023;	laser protection polymeric materials
US2011023955 A1 20110203	US20070946250P;US 20080666768;US2008 0972491;WO2008US5 0780;WO2008US6844 6;		H01L031/0224;	lateral collection photovoltaics
DE102009056712 A1 20110630	DE200910056712;	TECH UNI CAROLO WILHELMINA ZU BRAUNSCHWEIG;	B82B001/0000; B81B001/0000; B82B003/0000; H01L033/0002; H01L033/0036; B81C001/0000;	led for illumination of rooms, has electrical connection elements provided on ends of nano-columns, where contact material of electrical connection elements is applied only at ends of nano-columns and not applied between nano-columns
WO2011050111 A2 20110428	US20090605246;	ALAM KHURSHID S;BITA ION;HONG JOHN H;QUALCOMM MEMS TECHNOLOGIES INC;	B81C001/0000; G02F001/1341; H01L051/0052;	light-based sealing and device packaging
US2011077394 A1 20110331	US20020407520P;US 20030652552;US2004 0874356;	NEVADA SYSTEM OF HIGHER EDUCATION ON BEHALF OF THE UNIVERSITY OF NEVADA RENO BOARD OF REGENTS;	C07D491/0000; C07D487/0000; C07D513/0000;	light-driven rotary molecular motors
US2011101303 A1 20110505	KR20050090082;US2 0060390851;US20110 985873;	SAMSUNG ELECTRONICS CO LTD;	H01L033/0000; H01L033/0006;	light-emitting device comprising semiconductor nanocrystal layer free of voids and method for producing the same
CN102047098 A 20110504	US20080042154P;WO 2009US02123;	QD VISION INC;	G01N021/0063;	light-emitting device including quantum dots
WO2011005253 A1 20110113	WO2009US49911;	FATTAL DAVID A;HEWLETT PACKARD DEVELOPMENT CO;LI JINGJING;LI ZHIYONG;WANG SHIH- YUAN;	G01J003/0044;	light amplifying devices for surface enhanced raman spectroscopy

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JP2011009227 A 20110113	US20020368130P;	MASSACHUSETTS INST TECHNOLOGY;UNIVERSAL DISPLAY CORP;	C09K011/0008; C09K011/0000; H01L051/0050; C09K011/0066; C09K011/0074; C09K011/0089; C09K011/0064; C09K011/0056; C09K011/0088; C09K011/0062; H05B033/0010; H05B033/0014; C09K011/0070;	light emitting device including semiconductor nanocrystals
US2011020134 A1 20110127	DK20070001840;DK2 0070001860;US20070 008701P;US20070009 053P;US20080808787 ;WO2008DK50328;	VESTAS WIND SYS AS;	F03D011/0000; H02G013/0000; B23P015/0004;	lightning receptors comprising carbon nanotubes
CN102046011 A 20110504	WO2008US04393;	ROBERT RODRIGUEZ;ROBERT SHORR;	A01N047/0028; A61K031/0017;	lipid-oil-water nanoemulsion delivery system formicrotubule-interacting agents
CN102081335 A 20110601	CN20101550237;	UNIV BEIHANG;	G03G017/0000; B81C001/0000;	liquid patterned device for photoelectric synergic induced anisotropicinfiltration and manufacturing method
US2011111299 A1 20110512	US20080084140P;US 20090460993;US2010 0901526;		H01M004/0062; H01M004/0131;	lithium ion batteries with titania/graphene anodes
CN102047909 A 20110511	CN20091193552;	WUYI UNIVERSITY;	A01N059/0000; A01N059/0016; A01P001/0000;	long-acing nano-disinfectant
US2011014256 A1 20110120	TW20090124047;		A01P001/0000; A01N055/0002; A01N059/0016; A01N059/0020; A01N025/0000;	long-lasting anti-microbial composition and anti-microbial film andspray thereof

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JP2011036226 A 20110224	JP20090189373;	AKITA PREFECTURAL UNIV;	A01G031/0000; A01G001/0000;	low potassium-containing leaf vegetable and method for cultivating the same
KR20110015513 A 20110216	US20080126892P;US 20080127311P;	UNIV TEXAS;	C09K011/0007; G01N021/0076; G01N021/0066;	luminescent nanostructured materials for use in electrogenerated chemiluminescence
US2011064674 A1 20110317	US20080128332P;US 20090994150;WO200 9US44917;	UNIV CARNEGIE MELLON;	A61P043/0000; A61K049/0018; C12Q001/0000; B32B001/0000; B05D003/0000; B05D001/0036;	luminescent multimodal nanoparticle probe system and method of manufacture thereof
US2011052918 A1 20110303	US20080038967P;US 20090988992;WO200 9US38092;		C01B019/0004; C01B017/0000; B32B005/0016;	magic size nanoclusters and methods of preparing same
US2011046004 A1 20110224	US20010296378P;US 20020165258;US2008 0194475;US20100772 747;	GEN HOSPITAL CORP;	G01N033/0543; G01N033/0053; C40B030/0004; A61K047/0048;	magnetic-nanoparticle conjugates and methods of use
US2011104077 A1 20110505	TW20090137282;		A61K047/0034; A61K049/0018;	magnetic nanocomposite with multi-biofunctional groups and method for fabricating the same
EP2277548 A2 20110126	EP20040736221;GB2 0030013259;	CONSEJO SUPERIOR INVESTIGACION;MIDATECH LTD;	A61K047/0048; A61K049/0018;	magnetic nanoparticles linked to a ligand
WO2011053901 A2 20110505	US20090256603P;	DRAVID VINAYAK P;KLEIN WILLIAM L;SHARMA SAURABH;TOMITA TADANORI;UNIV NORTHWESTERN;VIOLA KIRSTEN L;	A61K049/0016; G01N033/0574; G01N027/0072; G01N033/0053;	magnetic nanostructures as theranostic agents
WO2011017660 A2 20110210	US20090232242P;	CHANG YING-LAN;JOHNSON BRADLEY N;JOSHI KANCHAN;NANOMIX INC;RADTKEY RAY;	G01N027/0030; C01B031/0002; G01N033/0053; B82B003/0000;	magnetic carbon nanotube based biodetection
TW201106624 A 20110216	EP20090160162;	IBM;	H03K019/0000;	magnetic cellular devices

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CN102050419 A 20110511	CN20101569383;	TAIZHOU UNIVERSITY;	B81C001/0000; B81B007/0004; H01F001/0000;	magnetic double nano-structure array material and preparation method thereof
US2011005353 A1 20110113	JP20030317307;US20040812078;US20080285857;US20080292063;		B22F009/0016; B22F001/0000; G11B005/0706; G11B005/0842; H01F001/0047; B22F009/0024; H01F001/0006; C22C001/0004; C22C033/0002; G11B005/0714;	magnetic metal powder and method of producing the powder
WO2011067576 A1 20110609	US20090631370;	ENDOMAGNETICS LTD;HATTERSLEY SIMON RICHARD;PARKHURSTQUENTIN ANDREW;	A61K049/0006; A61B005/0005; G01R033/0012; A61K049/0018;	magnetic probe apparatus
US2011137154 A1 20110609	US20090631370;US20100960746;		A61B005/0005; A61B017/0034;	magnetic probe apparatus
US2011148414 A1 20110623	GB20090006644;US20080101374P;US20100959310;WO2009EP62722;	IMEC;	G01R033/0000;	magnetic resonance imaging of single domain nanoparticles
US2011052609 A1 20110303	DE200810003615;WO2009DE00038;		A61K039/0395; A61P019/0002; A61P031/0004; A61P029/0000; A61P035/0000; A61K033/0026;	magnetic transducers



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US2011045081 A1 20110224	WO20071B54169;		C12N013/0000; A61K009/0014; C40B050/0000; C40B030/0000; H01F001/0000; G01N033/0053; C07K001/0014; C12N005/0071;	magnetic, paramagnetic and/or superparamagnetic nanoparticles
CN101966445 A 20110209	CN20101266711;	UNIV NANCHANG HANGKONG;	H01F001/0010; C02F001/0028; B81B001/0000; C02F001/0058; C02F001/0062; B01J020/0008;	magnetism-based nanocomposite for simultaneously removing arsenic and fluorine and application method thereof
US2011095756 A1 20110428	EP20050112642;WO2 006IB54415;	KONINKL PHILIPS ELECTRONICS NV;	G01R033/0009;	magnetochemical sensor
TW201101487 A 20110101	US20090365623;	IBM;	B82B001/0000; H01L029/0078; H01L021/0336;	maskless process for suspending and thinning nanowires
BRPI0706644 A2 20110405	US20060759585P;WO 2007EP50512;	SPARKXIS B V;	H01L033/0000; C09C001/0036; C09D007/0012; C08K003/0022; C08K009/0006; B22F001/0000;	materiais monoméricos e poliméricos
WO2011047240 A1 20110421	US20090251770P;US 20100296191P;	BERGMAN LAWRENCE A;CHO HAN NA;MCFARLAND DMICHAEL;UNIV ILLINOIS;VAKAKIS ALEXANDER;YU MIN-FENG;	G01N027/0026;	mechanical nanoresonator for extremely broadband resonance
US2011024698 A1 20110203	US20090172363P;US 20100761157;		H01B001/0004; H01B001/0012;	mechanically stiff, electrically conductive composites of polymers and carbon nanotubes

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US2011014264 A1 20110120	US20040007867;US2 0100888864;	BOSTON SCIENT SCIMED INC;	A61P035/0000; A61M031/0000; A61F002/0082; A61P043/0000; A61K038/0002; A61K031/0726;	medical devices having nanostructured regions for controlled tissue biocompatibility and drug delivery
US2011147715 A1 20110623	US20080061710P;US 20080074254P;US200 90996924;WO2009US 47442;	PURDUE RESEARCH FOUNDATION;	H01L029/0775; H01L021/0020;	medium scale carbon nanotube thin film integrated circuits on flexible plastic substrates
KR20110005694 A 20110118	US20080044414P;US 20090410789;	SANDISK 3D LLC;	H01L027/0115; H01L021/8247; H01L027/0024;	memory cell that employs a selectively fabricated carbon nano-tube reversible resistance-switching element formed over a bottom conductor and methods of forming the same
KR20110005797 A 20110119	US20080044406P;US 20090410771;	SANDISK 3D LLC;	H01L027/0115; H01L021/8247;	memory cell that employs a selectively fabricated carbon nano-tube reversible resistance-switching element, and methods of forming the same
KR20110005799 A 20110119	US20080044328P;	SANDISK 3D LLC;	H01L027/0115; H01L021/8247;	memory cell that includes a carbon nano-tube reversible resistance-switching element and methods of forming the same
US2011156121 A1 20110630	US20090650561;	CHARTERED SEMICONDUCTOR MFG;	H01L029/0423; H01L021/0302; H01L021/0028;	memory cell with improved retention
US2011133268 A1 20110609	US20070871339;US2 01113024903;	MICRON TECHNOLOGY INC;	H01L029/0792;	memory cells
US2011045352 A1 20110224	US20090235892P;US 20100858785;	UNIV CORNELL;	D02G003/0000; C30B001/0002; H01M004/0131; H01M004/0002;	mesoporous $\text{Co}_3\text{O}_4$ nanoparticles, associated methods and applications
WO2011006002 A2 20110113	US20090270476P;US 20100349170P;	GAO XIAOHU;JIN YONGDONG;O'DONNELL MATTHEW;UNIV WASHINGTON;	B82B001/0000; B82B003/0000;	metal-coated nanostructures and related methods
EP2278301 A1 20110126	EP20050801542;GB2 0040024458;GB20050 001342;GB200500089 64;	RENISHAW DIAGNOSTICS LTD;	G01N021/0055; G01N021/0065;	metal nano-void photonic crystal for enhanced raman spectroscopy

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EP2332883 A2 20110615	KR20080090376;KR2 0090085338;WO2009 KR05133;	LG CHEMICAL LTD;	B82B003/0000;	metal nano belt, method of manufacturing same, and conductiveink composition and conductive film including the same
EP2274123 A2 20110119	EP20080152996;EP20 090722099;WO2009E P53114;	BASF SE;	C09C001/0062; C01G055/0000; C01G005/0000; C01G029/0000; C01G009/0000; B22F009/0024; C01G007/0000; C01G003/0000;	metallic nanoparticles stabilised with derivatisiedpolyethylenimines or polyvinylamines
US2011045230 A1 20110224	US20040603203P;US 20050206632;US2010 0716135;	ILLUMINEX CORP;	B32B003/0002;	metallic nanowire arrays and methods for making and using same
US2011068291 A1 20110324	US20070004520P;US 20080313945;	NAT INST OF AEROSPACE ASSOCIATES;	B05D003/0010; H01F001/0026; B05D001/0024;	metallized nanotube polymer composite (mnpc) and methods formaking same
AU2009329868 A1 20110630	US20080140386P;US 20080140399P;WO20 09US69470;	CARDULLO MARIO;	G06K017/0000; G01N035/0000; G01N027/0000; B81B007/0002;	method and apparatus for chemical detection and release
WO2011022091 A1 20110224	US20090167215P;US 20090167292P;	BLACK CODY;CARBON NANOPROBES INC;RUBY BRIAN;	C01B031/0000; B82B001/0000;	method and apparatus for depositing a metal coating upon ananotube structure
US2011081724 A1 20110407	US20090249042P;US 20100899201;	MASSACHUSETTS INST TECHNOLOGY;	G01N023/0000; G01N027/0026;	method and apparatus for determining radiation
US2011091831 A1 20110421	US20030529724P;US 20040568457P;US200 40840409;US2007068 7496;US20100970517 ;	QUANTUMSPHERE INC;	F27D015/0002;	method and apparatus for forming nano-particles
US2011097247 A1 20110428	KR20070083758;US2 0080195558;US20100 956439;	SEMES CO LTD;	B01J008/0008;	method and apparatus for generating a carbon nanotube

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US2011117316 A1 20110519	US20050220454;US2 0100968224;		B32B005/0012; B29C065/0000; D01F009/0012; B01J019/0000;	method and apparatus for growing fullerene nanotube forests, and forming nanotube films, threads and composite structures therefrom
KR20110031121 A 20110324	KR20090088738;	AMOGREENTECH CO LTD;	B82B003/0000; B22F009/0016;	method and apparatus for manufacturing metal nano-particles using alternating current electrolysis
US2011052702 A1 20110303	JP20080013280;WO2 009JP50863;	NAT INST OF ADVANCED IND SCIEN;	A61K038/0000; A61K009/0014; A61K031/7028; A61P043/0000; F28D021/0000;	method and apparatus for producing organic nanotubes
US2011094315 A1 20110428	WO2003US12536;		B81B001/0000; G01P015/0008; G01L001/0000; G01P015/0018; G01P015/0000;	method and apparatus for sensing applied forces
US2011027164 A1 20110203	KR20060027795;KR2 0070013553;US20070 723785;US201008226 62;	KOREA ENERGY RESEARCH INST;	D01F009/0012;	method and apparatus for synthesizing carbon nanotubes using ultrasonic evaporation
EP2268569 A2 20110105	DE200710047598;WO 2008EP08427;	OPSOLUTION NANOPHOTONICS GMBH;	B81C001/0000; B81C099/0000;	method and arrangement for the production of nano-imprint stamps and micromechanically tunable filter/detector array
JP2011110028 A 20110609	JP20090272251;	TOKUJU KOGYO CO LTD;	A01G031/0000;	method and device for cultivating plant
US2011008797 A1 20110113	EP20080005370;WO2 009EP02052;	FRAUNHOFER GES FORSCHUNG;MERCK PATENT GMBH;	C12M001/0034; C12P019/0034; C12Q001/0068; C12M001/0000;	method and device for the thermal control of temperature-dependent enzymatic reactions using magnetic particles or magnetic beads and alternating magnetic fields
EP2281646 A1 20110209	EP20090164472;	TNO;	B22F009/0024; B22F001/0000; C22B005/0000;	method and kit for manufacturing metal nanoparticles and metal-containing nanostructured composite materials
US2011095396 A1 20110428	CN20091197614;	SEMICONDUCTOR MFG INT SHANGHAI;	H01L027/0008; H01L021/0002;	method and structure for silicon nanocrystal capacitor devices for integrated circuits

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CN101970715 A 20110209	FR20080051581;WO2 009FR50274;	ARKEMA FRANCE;	C23C016/0044; C23C016/0018; C23C016/0032; C23C016/0024;	method and system for depositing a metal or metalloid on carbonnanotubes
EP2286000 A1 20110223	IT2008TO00358;WO2 009IB51995;	CONSIGLIO NAZIONALE RICERCHE;	C23C014/0004;	method and system for manufacturing nanostructures
US2011048160 A1 20110303	US20040858100;US2 0050142825;US20080 209049;US201009426 52;	MOLECULAR IMPRINTS INC;	G03F009/0000; G05G011/0000; G03F007/0000;	method and system to control movement of a body for nano-scalemanufacturing
US2011104002 A1 20110505	US20080036647P;US 20080922668;WO200 8SG00463;	UNIV NANYANG TECH;	B01J037/0034; A61L002/0000; A01P001/0000; A01N059/0016; A01P003/0000;	method and use of providing photocatalytic activity
EP2308969 A1 20110413	DE200910043666;	KARLSRUHER INST TECHNOLOGIE;	C12N001/0000; C12N013/0000;	method for accelerating cell proliferation
CN102050422 A 20110511	CN20101567104;	UNIV SOUTHEAST;	B81C001/0000;	method for arranging nano wires by combining fiber aid andcontact impression
TWI343831B B 20110621	US20020103803;	UNIV NORTH CAROLINA;	B05D001/0018; B05D001/0020; H01M004/0004; H01G009/0058; H01M010/0004; C01B031/0002; H01M006/0002; H01M004/0086; B82B003/0000; H01J009/0002; B01J016/0000; H01G009/0000;	method for assembling nano objects
US2011104412 A1 20110505	US20080041287P;US 20090934125;WO200 9CA00393;		B32B001/0008; B05D007/0022;	method for depositing silicon nanocrystals in hollow fibers

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EP2307313 A1 20110413	GB20080012328;GB2 0080022526;WO2009 GB01661;	IMP INNOVATIONS LTD;UCL BUSINESS PLC;	C01B031/0002;	method for dispersing and separating nanotubes
EP2307312 A2 20110413	GB20080012328;GB2 0080022525;WO2009 GB01657;	IMP INNOVATIONS LTD;UCL BUSINESS PLC;	C01B031/0002; C25B011/0012; B01J013/0000;	method for dispersing and separating nanotubes
WO2011007582 A1 20110120	JP20090169126;	CHIBA HITOSHI;HEALTH SCIENCES UNIVERSITY OFHOKKAIDO;HUI SHUPING;ISHII ATSUSHI;KUROSAWA TAKAO;MUKASA KOICHI;NAKAMURA MOTONORI;TAKEDA SEIJI;UNIV HOKKAIDO NAT UNIV CORP;	G01N027/0416; G01N027/0030;	method for electric measurement of peroxide using cnt sensor
CN102060261 A 20110518	CN20101572940;	UNIV TIANJIN;	B81C001/0000;	method for enhancing lateral stiffness of multi-walled nanotubedevise by irradiation of electron beam
US2011136139 A1 20110609	US20000238677P;US 20010312558P;US200 10972744;US2003073 5608;US20100905950 ;	LIFE TECHNOLOGIES CORP;	C12Q001/0004; C12N005/0000; G01N033/0058; G01N033/0050; C12N005/0006; G01N033/0084; G01N033/0566;	method for enhancing transport of semiconductor nanocrystalsacross biological membranes
MX2010014221 A 20110225	US20080076914P;WO 2009US47749;	UNION CARBIDE CHEM PLASTIC;	C08J003/0020; C09C003/0008; C08J005/0000; C01B033/0044; C08K009/0004;	method for exfoliating organoclay to produce a nanocomposite.
US2011059568 A1 20110310	TW20080105295;	UNIV NAT CHIAO TUNG;	H01L021/0000;	method for fabricating nanoscale thermoelectric device
US2011044857 A1 20110224	TW20090127852;		G01N001/0031; G01N030/0000;	method for fabricating a biosensor chip and the biosensor chip madethereby
TW201103861 A 20110201	TW20090125134;	HUANG JUNG-TANG;	B81C001/0000; B82B003/0000;	method for fabricating carbon nanotube-based devices

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US2011027498 A1 20110203	KR20060047655;KR20060074791;US20070681262;US20100900837;	KOREA ADVANCED INST SCI & TECH;	B29C071/0004;	method for fabricating field emitter electrode using array of carbonnanotubes
US2011095324 A1 20110428	SG20060005650;US20070843401;US20100938973;	AGENCY SCIENCE TECH & RES;	B32B003/0010; B32B003/0012; G02B001/0000; B29D011/0000; H01L033/0000; H01L033/0006; H01L021/0302; H01L031/0216;	method for fabricating micro and nano structures
JP2011029566 A 20110210	CN20091143189;	UNIV YANSHAN;	C22C012/0000; H01L035/0014; B22F003/0002; B22F009/0004; B22F003/0014; H01L035/0034; B22F001/0000; B22F003/0024;	method for fabrication of high performance densifiednanocrystalline bulk thermoelectric material using high pressure sintering technique
US2011048433 A1 20110303	DE200910039520;DE200910060092;DE201010009017;		A61B019/0000;	method for forming an interventional aid with the aid ofself-organizing nanorobots consisting of catoms and associated system unit
US2011014446 A1 20110120	JP20070178585;WO2008JP61917;		C23C016/0026;	method for forming carbon nanotube film, film-forming apparatus,and carbon nanotube film

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US2011086781 A1 20110414	US19970040152P;US 19970047854P;US199 70055037P;US199700 63675P;US199700645 31P;US19970067325 P;US19990380545;US 20010033470;US2006 0508092;WO1998US0 4513;	UNIV RICE WILLIAM M;	H01M004/0062; B05D003/0010; B82B003/0000; D01F009/0127; C01B031/0002; G11C013/0002; H01M004/0583; H01M004/0058; D01F009/0012; G01Q070/0012; G01Q070/0006;	method for forming composites of sub-arrays of fullerene nanotubes
KR20110055894 A 20110526	KR20090112510;	KOREA ELECTRONICS TELECOMM;	D01D005/0000; B81B005/0000; B82B003/0000;	method for forming organic materials pattern using elelctrospinningporcess



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EP2298968 A2 20110323	EP20010966109;US2 0000226835P;US2000 0254745P;US2001029 1896P;US2001029203 5P;US20010292045P; US20010292121P;	HARVARD COLLEGE;	H01L029/0088; C30B011/0000; H01L029/0006; G01N033/0543; H01L023/0532; C30B025/0000; B82Y015/0000; H01L029/0267; C30B029/0060; H01L051/0000; G11C013/0000; H01L021/0329; H01L029/0016; H01L029/0207; H01L021/0002; C30B007/0000; G01N027/0414; G01N027/0012; C30B011/0012; H01L029/0073; H01L027/0010; H01L051/0030; H01L021/0331; B82Y010/0000; G11C013/0002;	method for growing nanowires
CN102040187 A 20110504	CN20101545476;	UNIV ZHEJIANG;	B81C001/0000;	method for growing core-shell structure zno nanowire array
JP2011103868 A 20110602	JP20090276975;	TAISEI KAKEN KK;	H01B001/0004; D06M011/0073; A01G007/0000; A01G001/0000;	method for impregnating natural or chemical material fiber withconductive carbonaceous structure or metallic particle so as to give electroconductivity, and the whole product and processed goods
EP2303770 A2 20110406	US20080077080P;WO 2009US49026;	3M INNOVATIVE PROPERTIES CO;	B82B003/0000;	method for in situ formation of metal nanoclusters within aporous substrate field
EP2333545 A2 20110615	KR20080082507;WO2 009KR04685;	M I TECH CO LTD;UNIV SUNGKYUNKWAN FOUND;	G01N033/0543; C01B031/0002;	method for increasing sensitivity using linker and spacer in carbon nanotube-based biosensor

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US2011039100 A1 20110217	EP20080000094;WO2 008EP11107;		B81C001/0000; G01Q070/0010; G01Q070/0016; D02G003/0000;	method for making a 3d nanostructure having ananosubstructure, and an insulating pyramid having a metallic tip, a pyramid having nano-apertures and horizontal and/or vertical nanowires obtainable by this method
US2011087262 A1 20110414	US20020046452;US2 0060327060;US20080 968610;US201009737 05;	MICRUS DESIGN TECHNOLOGY INC;	A61M029/0002; C08K007/0024; A61L029/0012;	method for making a reinforced balloon with composite materials
US2011027464 A1 20110203	CN20061060071;US2 0060603627;US20100 906286;	HON HAI PREC IND CO LTD;UNIV TSINGHUA;	H01B013/0000; B05D005/0012;	method for making cathode of emission double-plane light source andemission double-plane light source
US2011024294 A1 20110203	US20080071165;	ATOMIC ENERGY COUNCIL;	C25D001/0012;	method for making membrane fuel cell electrodes by low- voltageelectrophoretic deposition of carbon nanomaterial-supported catalysts
EP2334848 A1 20110622	FR20080056832;WO2 009FR51932;	CENTRE NAT RECH SCIENT;ECOLE POLYTECH;	C30B029/0008; H01L029/0786; C30B011/0012; C30B029/0060; C30B029/0006; H01L029/0006;	method for making side growth semiconductor nanowires andtransistors obtained by said method
JP2011046611 A 20110310	US20020400208P;	UNIDYM INC;	B01J023/0085; C01B031/0002; B01J023/0745;	method for making single-wall carbon nanotube using supportedcatalyst
US2011070711 A1 20110324	CN20091195982;	SEMICONDUCTOR MFG INT SHANGHAI;	H01L021/0002; H01L021/0028;	method for manufacturing nano-crystalline silicon material fromchloride chemistries for the semiconductor integrated circuits
US2011008245 A1 20110113	KR20090061510;KR2 0100013750;	KAIST KOREA ADVANCED INST OF SCIENCE AND TECHNOLOGY;	C01G029/0000; C01G045/0002; C01G019/0002; C01G049/0002; C01G039/0002; C01G009/0002; B05D003/0006; B05D001/0018; C01G031/0002;	method for manufacturing nanostructure and nanostructuremanufactured by the same

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WO2011078780 A1 20110630	SE20090051018;	DEPPERT KNUT;MAGNUSSON MARTIN;OHLSSON JONAS;QUNANO AB;SAMUELSON LARS;	H01L029/0006; B82B003/0000;	method for manufacturing a nanowire structure
US7960235 B1 20110614	CN20091243780;	INST OF MICROELECTRONICS CHINESE ACADEMY;	H01L021/0336;	method for manufacturing a mosfet with a surrounding gate of bulk si
WO2011048318 A1 20110428	FR20090057467;	CLAVELIERLAURENT;COMMISSARIA T ENERGIE ATOMIQUE;RABAROT MARC;TEMPLIER FRANCOIS;	H01L027/0015;	method for manufacturing a very-high-resolution screen using ananowire- based emitting anisotropic conductive film
DE102009019822 A1 20110303	DE200910019822;	GRIMM ARNOLD;	H01M004/1395; H01M010/0052;	method for manufacturing and insertion of amorphous lithiumnano-particle for insertion in high speed lithium batteries and accumulators, involves manufacturing multiple particle and welding particle with laser at conducting material
DE102010040447 A1 20110331	EP20090171178;	BASF SE;	B05D007/0024;	method for manufacturing anionic polyelectrolyte layer utilized onfixed substrate i.e. hyper pure silicon-wafer, involves providing energy in aqueous solution of polyelectrolyte at surface of substrate to separate polyelectrolyte in layer
EP2277830 A1 20110126	JP20080067721;WO2 009JP01160;	OTSUKA CHEMICAL HOLDINGS CO LTD;	C01B031/0002;	method for manufacturing carbon nanotube
CN102079504 A 20110601	CN20101580155;	UNIV TSINGHUA;	B81C001/0000; B82Y040/0000;	method for manufacturing high-density silicon-based nano-holes
US2011101477 A1 20110505	IT2003TO00604;IT200 3TO00605;IT2003TO0 0727;US20040566838 ;US20100926284;WO 2004IB02543;	FIAT RICERCHE;	H01L043/0012; G01R033/0006; H01L043/0010; H01F041/0030; H01L029/0082;	method for manufacturing magnetic field detection devices and devices therefrom
CN102060262 A 20110518	CN20101573026;	UNIV HEFEI TECHNOLOGY;	B81C001/0000;	method for manufacturing micro-nano fluid control system byusing low- pressure bonding technology

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DE102009029201 A1 20110310	DE200910029201;	BOSCH GMBH ROBERT;	G01P015/0008; B82B003/0000; G01L011/0000; G01L001/0026; H01L021/0056; B81B001/0000; G01D005/0012; B81B007/0002; B81C001/0000; G01F001/0684; G01L009/0000;	method for manufacturing semiconductor component in pressure sensor, involves separating connection of encapsulating compound, micro or nano-structured element and resin-coated-copper-foil from carrier connection layer
US2011045649 A1 20110224	CN20091056728;	SEMICONDUCTOR MFG INT SHANGHAI;	H01L021/0461; H01L021/0336; H01L021/8242;	method for manufacturing twin bit structure cell with al2o3/nano-crystalline si layer
WO2011051449 A1 20110505	DE200910046267;	BLOCK STEPHAN;HELM CHRISTIANE;UNIV ERNST MORITZ ARNDT;	G01Q060/0050; G01Q060/0008; G01R033/0038; G01N024/0008;	method for measuring magnetic information, in particular magnetic susceptibility, of magnetic nanoparticles (markers)
WO2011002201 A2 20110106	KR20090058290;	KIM KYEONG-TAE;KWON OH MYOUNG;UNIV KOREA RES & BUS FOUND;	G01N025/0018; G01Q060/0058;	method for measuring quantitative temperature and thermal conductivity using a scanning thermal microscope
CN101973546 A 20110216	US20030506623P;	3M INNOVATIVE PROPERTIES CO;	B01J021/0004; B01J035/0010; B01J023/0052; B01J035/0002; C01B031/0020; B01J037/0034; A62D009/0000; B01J021/0006; B01J037/0002; B01J021/0018; B01J023/0066; B01D053/0086; B01J035/0000;	method for oxidizing carbon monoxide

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WO2011050331 A2 20110428	US20090254585P;US20090254588P;US20090254596P;US20090254599P;	MANNING H MONTGOMERY;NANTERO INC;RUECKES THOMAS;SEN RAHUL;	H01L027/0102; G11C013/0002; C01B031/0002; B82Y010/0000;	method for passivating a carbonic nanolayer
KR20110057254 A 20110531	FR20080057173;FR20090051843;US20090235471P;	ARKEMA FRANCE;	C08J003/0022; C08L077/0000; C08J005/0000; C08K003/0004;	method for preparing a thermoplastic composite material containingnanotubes, particularly carbon nanotubes
EP2328843 A1 20110608	IT2008PD00258;WO2009IB53866;	CONSORZIO INTERUNIVERSITARIO ISTITUTO NAZ DI BIOSTRUTTURE E BIOSISTEMI;MAGRO MASSIMILIANO;RIGO ADELIO;SCARPA MARINA;TOGNON GIUSEPPE;VIANELLO FABIO;ZENNARO LUCIO;	C01G023/0008; B01F003/0012; C01G023/0053;	method for preparing aqueous solutions of single titanium oxidenanotubes and aqueous solutions of nanotubes obtained with such method
CN101973510 A 20110216	CN20101517073;	UNIV TIANJIN;	B81C001/0000; G01N027/0000;	method for preparing gas-sensitive sensor element based on carbonnano tube microarray/tungsten oxide nano composite structure
US2011124131 A1 20110526	KR20060045455;WO2007KR01865;	KOREA ADVANCED INST SCI & TECH;	G01N033/0553; C12N001/0021; C12N001/0016; C12N001/0015; B05D007/0014; C12P003/0000; B32B005/0016; C12N001/0000;	method for preparing metal nanoparticle using metal bindingprotein
CN102086021 A 20110608	CN20101620619;	UNIV SOUTHEAST;	B81C001/0000;	method for preparing micro-nano-scale-span integrated channel
CN102107850 A 20110629	CN20111028734;	UNIV XIANGTAN;	B81C001/0000;	method for preparing nuclear-shell-structured rutile monocrystatitanium dioxide nanowire array with surface-cladding carbon layer
CN102092675 A 20110615	CN20111008336;	CHINESE ACAD PHYSICS INST;	B82Y040/0000; B81C001/0000;	method for preparing self-masking uni-junction multiportthree-dimensional nano structure

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US2011086756 A1 20110414	US20100973462;		B01J021/0018; B01J037/0008; H01L021/0322; B01J037/0025;	method for preparing silicon intercalated monolayer graphene
CN102107847 A 20110629	CN20091243010;	CHINESE ACAD PHYSICS INST;	B81C001/0000; B82B003/0000;	method for preparing three-dimensional micro-nano device
CN102041535 A 20110504	CN20101507958;	UNIV NORTHWESTERN POLYTECHNIC;	C25D015/0000; B81C001/0000; B82Y040/0000; C25D009/0002;	method for preparing two types of super-hydrophobic membranessimultaneously by utilizing ferric chloride
CN102041536 A 20110504	CN20101507966;	UNIV NORTHWESTERN POLYTECHNIC;	B81C001/0000; B82Y040/0000; C25D015/0000; C25D009/0002;	method for preparing two types of super-hydrophobic membranessimultaneously by utilizing nickel chloride
US2011150753 A1 20110623	KR20080089634;WO2 009KR05034;	KOREA BASIC SCIENCE INST;	C01G023/0008; C01G023/0053;	method for preparing uniform anatase-type titanium dioxidenanoparticles
CN102090424 A 20110615	CN20091263340;	JIANZHONG XU;	A01N065/0026; A01N025/0004; A01P007/0004;	method for producing nano water-soluble neem oil preparation
US2011042642 A1 20110224	FR20080051817;WO2 009FR50470;	CENTRE NAT RECH SCIENT;COMMISSARIAT ENERGIEATOMIQUE;ECOLE POLYTECH;	H01L029/0012; H01L021/0036;	method for producing nanostructures on metal oxide substrate,method for depositing thin film on same, and thin film device
TW201101431 A 20110101	FR20090001463;	CENTRE NAT RECH SCIENT;COMMISSARIAT ENERGIE ATOMIQUE;	H01L021/0336; H01L021/8247;	method for producing a conductive nanoparticle memory device
WO2011073697 A1 20110623	WO2009HU00106;	KIRICSI IMRE;KISS SANDOR CSABA;KONYA ZOLTAN;SZEGEDI SZEFO ZRT;VARGA ZITA;	D06M011/0083; D06M013/0002; D06M013/0188; A61L002/0238; D06M023/0008; D06M016/0000; D06M013/0203; D06M015/0227; A01N055/0002;	method for producing antibacterial fabrics

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EP2307317 A2 20110413	GB20080013273;US2 0080082335P;WO200 9GB01777;	NANOCO TECHNOLOGIES LTD;	C01G011/0000; C01G011/0002; C01G021/0021; C01G009/0008;	method for producing aqueous compatible nanoparticles
US2011064873 A1 20110317	TW20070150556;US2 0080155036;US20100 948080;	UNIV NAT TAIWAN;	B05D003/0002; C23C014/0034;	method for producing carbon nanocoils
US2011012296 A1 20110120	JP20070310550;WO2 008JP70931;	TOYOTA MOTOR CO LTD;	B29C047/0000;	method for producing carbon nanofiber supporting metal fineparticle
US2011045207 A1 20110224	JP20070078038;WO2 008JP55441;		C23C016/0050; C23C016/0032;	method for producing carbon nanowalls
US2011015054 A1 20110120	JP20070179098;JP20 070179101;JP200701 80349;JP2007020385 0;WO2008JP62235;		C04B035/0046; C04B035/0622; C04B035/0515; C04B035/0050; C04B035/0000; C04B035/0468; C04B035/0010; C04B035/0048;	method for producing ceramic nanoparticles
WO2011060839 A1 20110526	WO2009EP08217;WO 2009EP08218;WO201 0EP00323;WO2010E P00622;	BACHER ALEXANDER;BADA AG;BAYER MATERIALSCIENCE AG;BERKEI MICHAEL;BYK CHEMIE GMBH;COPERION GMBH;DIEMERT JAN;FRAUNHOFER GES FORSCHUNG;LUESSENHEIDE SUSANNE;METZGER JOERG;MEYER HELMUT;POTYRA EVA;SAWITOWSKI THOMAS;SCHUNKE BORIS;TECKLENBURG JANIN;WILLING NADINE;ZANKI ADRIAN;	C08K003/0004; C08J003/0205; H01B001/0024; C08K007/0024;	method for producing composite materials based on polymers and carbonnanotubes (cnts), and composite materials produced in this manner and the use thereof
KR20110050454 A 20110513	DE200810038523;	BAYER MATERIALSCIENCE AG;	B29C047/0000; B82B003/0000;	method for producing composite materials having reduced resistance andcomprising carbon nanotubes

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JP2011115942 A 20110616	JP20020063400;JP20 020063515;JP201002 74561;	NAT INST INF & COMM TECH;	C25D001/0004; H01L029/0786; H01L021/3205; H01L023/0052; H01L021/0288; C25D009/0002; H01L021/0028; B82B003/0000; C25B001/0000; H01L029/0006; H01L029/0066;	method for producing conductive nanowire
EP2295617 A1 20110316	DE200710017032;EP 20080716484;	MAX PLANCK GESELLSCHAFT;	G02B001/0012; C23C018/0008; G02B003/0000; C23C018/0012; C23C018/0014;	method for producing flat size or distance variations innanostructures on surfaces
JP2011089205 A 20110506	IL20020150325;	CIMA NANOTECH ISRAEL LTD;	B22F009/0016; B22F001/0000; B22F009/0004; B22F001/0002;	method for producing high-purity metallic nano-powder andnano-powder produced thereby
US2011088511 A1 20110421	US20100870792;		B22F009/0018;	method for producing rod-shaped and branched metallicnano-structures by polyol compounds
US2011045299 A1 20110224	MX2006NL00070;WO 2007MX00045;	IND PENOLES SA DE CV;	C01F005/0014;	method for producing stable, monodispersed, nanometric magnesiumhydroxide and resulting product
EP2271586 A1 20110112	US20080043514P;WO 2009US39737;	RIEHL JOHNSON HOLDINGS LLC;	D01F009/0012; C01B031/0020;	method for production of carbon nanostructures
US2011111227 A1 20110512	US20090259429P;US 20100942396;		C23C016/0006; B32B005/0002; C23C016/0044; C09K003/0000;	method for production of germanium nanowires encapsulated withinmulti-walled carbon nanotubes
CN101936992 A 20110105	CN20101284474;	UNIV HUNAN;	B01L003/0000; B81C001/0000; G01N033/0561;	method for quickly detecting colibacillus and used micro flow controlchip as well as preparation technique



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CN102081194 A 20110601	CN20101535457;	UNIV SUN YAT SEN;	B82Y020/0000; G02B006/0024; B81C001/0000;	method for realizing micronano all-optical color
WO2011016038 A1 20110210	US20090231368P;	SEMIAT RAPHAEL;TECHNION RES & DEV FOUNDATION;ZELMANOVGRIGORY;	B01J020/0006; C02F001/0028; B01J020/0032; B01J020/0008; B01J020/0028;	method for removal of selenium contaminants from aqueous fluids
CN102041534 A 20110504	CN20101507949;	UNIV NORTHWESTERN POLYTECHNIC;	B82Y040/0000; C25D009/0002; B81C001/0000; C25D015/0000;	method for simultaneously preparing two types of super-hydrophobicfilms by utilizing copper chloride
WO2011030821 A1 20110317	JP20090209844;	HABA EISUKE;HASEGAWA KEI;HITACHI CHEMICAL CO LTD;KIMDONG YOUNG;NODA SUGURU;OSAWA TOSHIO;SUGIME HISASHI;UNIV TOKYO;	C01B003/0026; C01B031/0002; B01J037/0008; B01J023/0745;	method for simultaneously producing carbon nanotubes andhydrogen, and device for simultaneously producing carbon nanotubes and hydrogen
CN102078617 A 20110601	CN20101609438;	SHANGHAI INST CERAMICS;	A01P003/0000; A61K047/0002; A01N025/0008; A61N005/0006; A61K049/0008;	method for synthesizing mesoporous silica-based nanocompositeembedded with gold nanorods
CN101981231 A 20110223	DE200810015902;WO 2009EP02028;	BAYER TECHNOLOGY SERVICES GMBH;	C25B011/0006; C25B001/0026;	method for the electrolytic reduction of oxygen
WO2011009550 A1 20110127	EP20090009473;	BAYER MATERIALSCIENCE AG;DERN GESA;FUSSANGEL CHRISTEL;VOGEL STEPHANIE;	C08K003/0004; B05D007/0002; C08J007/0006;	method for the introduction of carbon particles into a polycarbonatecoating
WO2011033343 A1 20110324	PT20090104751;	BRETOS IGNOS;CALZADA MARIA LOURDES;JIMENEZ RIOBOO RICARDO;LOUSADA SILVEIRINHA VILARINHO PAULA MARIA;UNIV AVEIRO;WUAIYING;	C23C018/0014; C23C018/0012;	method for the preparation at low temperatures of ferroelectric thinfilms, the ferroelectric thin films thus obtained and their applications

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CN102099403 A 20110615	US20080081554P;WO 2009EP59247;	NANOCYL S A;UNIV LEUVEN KATH;	C08J005/0006; D06M015/0053; D06M013/0513; D06M015/0643; D06M011/0074; C08J005/0024; C09D171/0010; C08J005/0010;	method for the preparation of a reinforced thermoset polymer composite
PT1996515E E 20110309	IT2006FI00030;	COLOROBIA ITALIANA SPA;	C03C017/0025; B01J035/0000; C09C001/0036;	method for the preparation of aqueous dispersions of tio2 in the form of nanoparticles, and dispersions obtainable with this method
EP2335821 A1 20110622	DE200610032452;EP 20070765176;	SUED CHEMIE AG;	B01J021/0004; C01G045/0000; B01J023/0889; B01J023/0080; C01B013/0014; C01G003/0000; C01F007/0000; C01G009/0000;	method for the production of nanocrystalline metal oxide
WO2011076369 A2 20110630	DE200910060223;	MAX PLANCK GESELLSCHAFT;MORHARD CHRISTOPH;PACHOLSKI CLAUDIA;SPATZ JOACHIM P;	B81C001/0000;	method for the production of conical nanostructures on substrate surfaces
US2011001119 A1 20110106	IT2008TO00175;IT200 8TO00986;WO2009IB 50921;	UNIV DEGLI STUDI GENOVA;	H01L021/0020; H01L029/0012;	method for the synthesis of an array of metal nanowire capable of supporting localized plasmon resonances and photonic device comprising said array
EP2290137 A1 20110302	EP20090011058;	MAX PLANCK GESELLSCHAFT;	B22F009/0002; C30B029/0060; C04B020/0000;	method for the synthesis of metallic nanotubes and nanotubes synthesized by the method
EP2318305 A2 20110511	DE200810039798;WO 2009EP05773;	NMI UNIV TUEBINGEN;	B81C001/0000;	method for transferring nanostructures into a substrate
TWI338724B B 20110311	KR20050107191;	BAIKSAN OPC CO LTD;KOREA INST SCI & TECH;	C23C022/0066; G03G005/0010; C23C022/0073;	method for treating nano-sized surface modification on aluminum for opcdrum

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WO2011067186 A1 20110609	EP20090177760;	BASF SE;DUNKER SARAH;KARPOV ANDREY;KONDO SHOICHI;KOPF ALEXANDER;MERK MICHAEL;SCHNEIDER KARL-HEINRICH;VOSSHARTWIG;	A01N059/0020; A01P001/0000; A01P003/0000; A01N025/0004; A01N025/0034; A01N037/0004;	method for treating phytopathogenic microorganisms using surface-modified nanoparticulate copper salts
RU2416435 C1 20110420	RU20090146340;	FOND SAL VATORE MAUDZHERIKLINIKA TRUDA I REABILITATSII;INST PRIKLADNOJ NANOTEKHNOLOGII AOZT;SIB LEHBORETRIS LTD;	A61L031/0012; A61L031/0010; B82B003/0000;	method of antiseptic surface preparation of product made of polymeric material
US2011000286 A1 20110106	DE200410058924;US 20070759268;US2010 0880441;WO2005EP1 3066;	ROCHE DIAGNOSTICS OPERATIONS;	G01N021/0077;	method of detecting an analyte using a test element with nanofibers
US2011024715 A1 20110203	KR20080032592;WO2 008KR06402;	UNIV EWHA IND COLLABORATION;	C23C014/0016; H01L045/0000;	method of fabricating ag-doped te-based nano-material and memory device using the same
US2011135827 A1 20110609	KR20070026775;WO2 008KR01549;	ELECTRONIC AND TELECOMM RES INST;	B05D005/0000; B05D003/0010; B05D003/0012; B05D003/0002;	method of fabricating carbon nanotubes uniformly coated with titanium dioxide
KR20110064300 A 20110615	KR20090120820;	SAMSUNG ELECTRONICS CO LTD;UNIV YONSEI IACF;	B82B003/0000;	method of fabricating semiconductor device and semiconductor device fabricated by the same
WO2011011525 A1 20110127	US20090227403P;US 20090235994P;US201 00840081;	CHIEN HENRY;HIGASHITANI MASAAKI;KAI JAMES K;MATAMIS GEORGE;ORIMOTO TAKASHI;PURAYATH VINOD ROBERT;SANDISK CORP;	H01L027/0115; H01L021/0028; H01L021/8247;	method of forming nanostructure-based nand flash cells and the periphery circuits thereof
US2011101471 A1 20110505	EP20080103751;WO2 009IB51656;	TAIWAN SEMICONDUCTOR MFG;	H01L029/0772; H01L021/0031;	method of forming a nanocluster-comprising dielectric layer and device comprising such a layer

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EP2285825 A1 20110223	US20080127134P;WO 2009US02935;	UNIV SOUTH DAKOTA;	C07K001/0002; B82B003/0000; A61K038/0000; C07K001/0014;	method of forming non-immunogenic hydrophobic proteinnanoparticles and uses therefor
US2011142727 A1 20110616	US20080146841;US2 01113022110;WO200 5JP23799;	FUJITSU LTD;	B01J019/0024;	method of growing carbon nanotube and carbon nanotubegrowing system
US2011057118 A1 20110310	CN20091195288;	SHANGHAI KEYAN PHOSPHOR TECHNOLOGY CO LTD;	G01J001/0058;	method of indirect emission by nano-materials
CN101945824 A 20110112	US20070017326P;WO 2008US87385;	3M INNOVATIVE PROPERTIES CO;	C04B035/0119; C01G025/0002;	method of making zirconia-containing nanoparticles
US2011045180 A1 20110224	US20090272160P;US 20100860958;	UNIV HONG KONG SCIENCE & TECHN;	B05D007/0000;	method of manipulating the surface density of functional molecules onnanoparticles
US2011027998 A1 20110203	JP20070128789;JP20 080077106;US200801 09701;US2010088018 8;	CANON KK;	H01L021/0308;	method of manufacturing a nano structure by etching, using a substrate containing silicon
TW201120274 A 20110616	FR20090053506;	ARKEMA FRANCE;CENTRE NAT RECH SCIENT;	D06M015/0333; H01B005/0012;	method of manufacturing a multilayer conductive fibre bycoating-coagulation
US2011115121 A1 20110519	KR20070059556;US2 0070003490;US20100 926864;	SAMSUNG ELECTRO MECH;	H05K003/0044;	method of manufacturing heat radiation substrate having metal core

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JP2011116713 A 20110616	JP20090276726;	KAO CORP;	A61Q011/0000; A61K008/0036; A61K047/0002; A61K008/0011; A61K047/0020; A01N025/0004; A61K009/0010; A01N025/0000; A61K008/0004; A61K009/0051; A61K008/0034; A01N031/0014; A01P003/0000; A61K008/0046; A61K047/0012;	method of manufacturing liposolubility drug internal capsulenano-particle
US2011110999 A1 20110512	IT2008MI00792;WO2009EP02953;	MILANO POLITECNICO;	A01N059/0016; A01N025/0008; A01P001/0000;	method of manufacturing natural or synthetic fibers containing silvernano-particles
CN101935008 A 20110105	CN20101241824;	SHANGHAI INST MICROSYS & INF;	B81C001/0000; G01N033/0000; G01N033/0022;	method of micro cantilever beam sensor using functional carbonnanotubes as sensitive materials
RU2420941 C1 20110620	RU20100111165;	NAUMOVA GALINA ALEKSEEVNA;	A01N059/0020; B82B001/0000; A01C001/0000;	method of pre-sowing treatment of seeds
EP2336409 A2 20110622	EP20030810871;US20020402726P;	MASSACHUSETTS INST TECHNOLOGY;	C09K011/0000; B82Y015/0000; C30B007/0000; C30B029/0010; C30B029/0048; C30B029/0060; C04B041/0046; G09G003/0034; G01N033/0058; D02G003/0000; G01N033/0543; H01L031/0000;	method of preparing a coated nanocrystal

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US2011034588 A1 20110210	FR20070059808;WO2 008FR52251;		C08K003/0022; C08K003/0030; C08J003/0022; C08K003/0026; C08K003/0034;	method of preparing a transparent polymer material comprising athermoplastic polycarbonate and mineral nanoparticles
US2011034585 A1 20110210	FR20070059810;WO2 008EP67076;		C08K009/0004;	method of preparing a transparent polymer material comprising athermoplastic polycarbonate and surface-modified mineral nanoparticles
US2011056123 A1 20110310	US20060824514P;US 20070440165;US2007 0911159P;US2007093 8314P;WO2007US775 45;	CERION TECHNOLOGY INC;	C10L001/0188; C10L001/0012; C01F017/0000; C09K003/0014;	method of preparing cerium dioxide nanoparticles
EP2297384 A1 20110323	FR20080052977;WO2 009EP55231;	COMMISSARIAT ENERGIE ATOMIQUE;	B82B001/0000; C30B007/0000; C09K011/0008; C30B029/0060;	method of preparing luminescent nanocrystals
US2011085964 A1 20110414	US20060759568P;US 20070223108;WO200 7US60668;		C01G031/0002;	method of preparing vanadium dioxide nanoparticles
EP2289847 A1 20110302	EP20050752154;SE20 040001524;	PROMIMIC AB;	C01B025/0032;	method of producing a powder
US2011140030 A1 20110616	US20030453970P;US 20040548414;US2010 0911010;WO2004CA0 0350;		C08J003/0005; C08K009/0010; C08G083/0000; C08K003/0022;	method of producing hybrid polymer-inorganic materials
US2011038794 A1 20110217	FR20070007782;WO2 008FR01560;	COMMISSARIAT L EN ATOMIQUE ET AUX ENERGES ALTERNATIVES;	A61K051/0004; C07D207/0046; C07C069/0753; C07C051/0008;	method of radiolabelling carbon nanotubes, radiolabelled carbonnanotubes and applications thereof
WO2011059507 A1 20110519	US20090281131P;US 20100341956P;	BIRIS ALEXANDRU S;KHODAKOVSKAYA MARIYA V;	C05F011/0000;	method of using carbon nanotubes to affect seed germination andplant growth
US2011061139 A1 20110310	US20090554825;			method to measure 3 component of the magnetic field vector atnanometer resolution using scanning hall probe microscopy

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US2011126328 A1 20110526	US19940281883;US19950412380;US19950506516;US19960613982;US19960906602;US19970776361;US19970786623;US19970827953;US19970885014;US19990355072;US20010274501P;US20010287677P;US20010919780;US20020094411;US20030616453;US20060411985;US20070841698;US20070894592;US20100779879;WO1995US09553;WO1996US12255;WO1998US01528;	GEN NANOTECHNOLOGY LLC;	G01Q060/0010; G01Q060/0024;	methods and apparatus for nanolapping
US2011042861 A1 20110224	US19950558809;US19980107006;US20000618174;US20010046594;US20020140140;US20020244276;US20020382961P;US20030445578;US20100940302;		B29C043/0036; G03F007/0000; B28B001/0010; B29C059/0002; B29C043/0002;	methods and apparatus of field-induced pressure imprint lithography
CN102064102 A 20110518	US20040578236P;US20040632570P;US20050671134P;	NANOSYS INC;	H01L021/0312; H01L029/0040; H01L021/0469; G11C013/0000; G03F007/0075; H01L021/0028;	methods and devices for forming nanostructure monolayers and devices including such monolayers

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US2011034038 A1 20110210	US20040578236P;US 20040632570P;US200 50148001;US2005067 1134P;US2006049518 8;US20100803568;	NANOSYS INC;	H01L027/0010; H01L021/0082; H01L021/0028; H01L021/3105; H01L029/0739;	methods and devices for forming nanostructure monolayers and devices including such monolayers
US2011097723 A1 20110428	US20090276954P;US 20100924072;		G01N033/0068; G01N033/0053; C12Q001/0068;	methods and reagents for analyte detection
US2011052655 A1 20110303	US20070835717;US2 0100843850;		A01N059/0020; A01N059/0016; A01N059/0000; A01N063/0002; A01N063/0000; A01N025/0034; A01N065/0000; A01N059/0008;	methods and vesicles for controlling protozoa
WO2011019585 A1 20110217	WO2009CN73180;	DING DAWEI;GONG GUANGMING;HU YIQIAO;LI SHAOLING;NANJING EFFECT PHARM DRUGDEV CORP;NANOPAX PHARMA LLC;TANG XIAOLEI;TONG CHUNHUI;UNIV NANJING;WU JINHUI;ZHU YAN;	A01N037/0018;	methods for drug delivery comprising unfolding and folding proteins and peptide nanoparticles
US2011031470 A1 20110210	US20090220980P;US 20100822109;	CALIFORNIA INST OF TECHN;	H01L021/0036; H01L021/0020; H01L021/0000;	methods for fabricating passivated silicon nanowires and devices thus obtained
US2011036395 A1 20110217	US20050710097P;US 20050710262P;US200 60466411;US2010091 1657;	Q1 NANOSYSTEMS INC;UNIV CALIFORNIA;	H01L031/0004; C23C014/0034; C30B011/0000; H01L031/0236; C25F003/0000; C23F001/0000; C23C028/0000; B32B003/0000; C30B025/0000;	methods for forming nanostructures and photovoltaic cells implementing same



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US2011008251 A1 20110113	US20050668603P;US 20050728292P;US200 50751196P;US200603 89358;US2009046858 9;	IBC PHARMACEUTICALS INC;	A61K051/0008; A61K038/0019; A61K038/0002; A61K049/0000; A61P019/0002; A61P035/0002; A61K038/0049; A61K049/0022; A61P035/0000; A61P011/0006; A61P031/0022; A61P007/0002; A61K039/0395; A61P037/0006; A61P025/0028; A61K049/0014;	methods for generating stably linked complexes composed of homodimers, homotetramers or dimers of dimers and uses
US2011045179 A1 20110224	US20050694545P;US 20060450642;US2010 0938109;		B05D001/0038;	methods for growing and harvesting carbon nanotubes
US7909907 B1 20110322	US20060415840;US2 0090552633;	BABCOCK & WILCOX TECHNICAL SERVICES Y 12 LLC;	B22F001/0000;	methods for high volume production of nanostructured materials
EP2303771 A2 20110406	US20080076833P;US 20080076910P;WO20 09US49304;	LIFE TECHNOLOGIES CORP; MEASHO BERHANE;	B82B003/0000;	methods for isolating and purifying nanoparticles from a complex medium
EP2337763 A2 20110629	US20080102613P;WO 2009US59452;	LIFE TECHNOLOGIES CORP;	B82B003/0000;	methods for preparation of nanocrystals using a weak electrontransfer agent and mismatched shell precursors
KR20110069836 A 20110623	US20080102589P;	LIFE TECHNOLOGIES CORP;	B82B003/0000; H01L021/0000;	methods for preparing nanocrystals using electron transfer agents
US2011046345 A1 20110224	US20090233563P;US 20100855379;	GOVERNMENT OF THE US AS REPRESENTED BY THE SECRETARY OF THE NAVY;	C07K001/0107; C07K002/0000;	methods for preparing linked peptide rings and peptide nanotubes obtained thereby
US2011059006 A1 20110310	US20050671001P;US 20060404142;US2010 0880862;	CONTINENTAL CARBON CO;	C01B031/0006; D01F009/0012; C01B031/0002;	methods for production of carbon nanomaterials in the presence of a carbon black catalyst

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AU2011200056 A1 20110127	AU20020340450;AU20090200772;AU20110200056;US20010346162P;US20020346519P;WO2002US36035;	IMCOR PHARMACEUTICAL COMPANY;	A61K049/0004; G01T001/0161; A61B006/0000; A61B005/0055; A61B008/0000; A61K049/0000; A61B006/0003;	methods for vascular imaging using nanoparticulate contrastagents
EP2286929 A1 20110223	EP20020792175;US20010915093;US20010915095;US20010915173;	NANTERO INC;	B05D005/0012; G11C013/0002; B82B001/0000; G11C023/0000; H01L021/0768; H01L023/0052; H01L021/3205; H01L027/0024; H01L027/0010;	methods of nanotube films and articles
EP2291414 A1 20110309	US20080060887P;WO2009US47150;	3M INNOVATIVE PROPERTIES CO;	C08F002/0044;	methods of compounding nanoparticles with a resin
US2011039406 A1 20110217	US20070773580;US20100914814;	MICRON TECHNOLOGY INC;	C03C015/0000; C03C025/0068; C23F001/0000; B44C001/0022;	methods of etching nanodots, methods of removing nanodots from substrates, methods of fabricating integrated circuit devices, methods of etching a layer comprising a late transition metal, and methods of removing a layer comprising a late transition metal from a substrate
EP2273552 A2 20110112	EP20020757706;US20010280676P;US20020349206P;	UNIV CALIFORNIA;	H01L035/0000; H01L033/0024; H01L023/0049; H01L041/0018; H01L029/0006; H01L029/0012; H01L033/0006; H01L041/0009; B82B001/0000; B82B003/0000;	methods of fabricating nanstructures and nanowires and devicesfabricated therefrom

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US2011033368 A1 20110210	US20070977792P;US 20080681771;WO200 8SG00381;	AGENCY SCIENCE TECH & RES;	C01G049/0002; C01G045/0002; C01B019/0000; C01G009/0002; C01B019/0004; C01G051/0004;	methods of forming a nanocrystal
CN101977839 A 20110216	US20080053006;WO2 009US35804;	MICRON TECHNOLOGY INC;	C08L053/0000; B81C001/0000;	methods of improving long range order in self-assembly of blockcopolymer films with ionic liquids
US2011001086 A1 20110106	US20060796995P;US 20090299235;US2009 0410996;WO2007US6 7934;	GOODRICH CORP;ROHR INC;	C09K003/0000; B05D001/0036;	methods of making nanoreinforced carbon fiber and componentscomprising nanoreinforced carbon fiber
US2011083319 A1 20110414	US20040624297P;US 20040624428P;US200 50264935;US2009050 9993;US20100953076 ;	NANTERO INC;	H01H011/0000;	methods of making nanotube switches
US2011024697 A1 20110203	US20040571999P;US 20040611018P;US200 50131912;US2005022 8023;US20080217978 ;US20090371851;US2 0100752513;	UNIV ARKANSAS;	D01F009/0012; H01B001/0024; B05D005/0012;	methods of producing carbon nanotubes and applications of same
MX2011002915 A 20110421	US20080100068P;US 20090158483P;WO20 09IB06947;	VIVE NANO INC;	C08L025/0018; C08K005/0000; A01N025/0010; C08L039/0002; C08J003/0014; C08J003/0024; C08L033/0002;	methods to produce polymer nanoparticles and formulations ofactive ingredients.
KR20110057141 A 20110531	US20080129994P;	AGENCY SCIENCE TECH & RES;	G01N021/0064; B82B003/0000; C09K011/0058; B82B001/0000;	methods, compositions, and articles comprising stabilized goldnanoclusters

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BRPI0708373 A2 20110607	US20060405280;WO2 007EP51062;	ALTANA ELECTRIAL INSULATION GMBH;	H01B007/0002; C09D201/0006; C09C001/0040; C01F007/0002; B01F017/0000;	método de preparar dispersão estável de nano-alumina derivada desol e método de revestimento de fio
BRPI0611310 A2 20110419	US20050139690;WO2 006US20941;	UNIV ALABAMA;	H01F001/0000;	métodos de preparação de lâminas e filmes de alta orientação contendonanopartículas através da utilização de líquidos iônicos, e as lâminas e os filmes produzidos por estes
BRPI0707602 A2 20110510	US20060771306P;US 20060771504P;WO20 07US03390;	ACRYMED INC;	B22F007/0004; B05D003/0004; B32B015/0002; B22F007/0008; B05D003/0010;	métodos de tornar uma superfície elastomérica eletricamente condutiva, artigo, método de tornar um artigo ou superfície que contata um fluido resistente à formação de biofilme e nanopartícula de metal
BRPI0706600 A2 20110329	US20060759457P;WO 2007US01226;	PPG IND OHIO INC;	C23C014/0000; C03C014/0000; B22F009/0002; C03C001/0000; C23C014/0022; B22F001/0000;	métodos para produção de partículas, nanopartículas e pararevestir um líquido iônico, composições, filme e aparelho para produção de partículas
WO2011048935 A1 20110428	JP20090243930;	H & S CO LTD;HATO YOKO;	B01F005/0000; B01F003/0004; B01F005/0002;	micro-bubble generator and micro-bubble generation device
US2011156528 A1 20110630	TW20090145777;		B05D001/0036; B81B003/0000; B05D001/0002; H02N011/0000;	micro actuator, micro actuator system, and method for fabricatingmicro actuator
AU2011100389 A4 20110526	AU20110100389;	SECURENCY INTERNAT PTY LTD;	B42D015/0000; B81C001/0000; B29C045/0037; B41M003/0014;	micro/nano structure origination method
EP2294464 A1 20110316	FR20080054488;WO2 009EP58368;	COMMISSARIAT ENERGIE ATOMIQUE;	G02B006/0122;	micro/nanostructured optical waveguiding structure formonitoring birefringence
US2011061452 A1 20110317	US20090558150;		G01B005/0028;	microcantilever with reduced second harmonic while in contact with asurface and nano scale infrared spectrometer

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US2011036809 A1 20110217	US20040801928;US20060516039;US20100803664;	UNIV NORTHWESTERN;	B05D003/0010;	microchannel forming method and nanotipped dispensing devicehaving a microchannel
US2011052654 A1 20110303	US20090157339P;US20100714922;	DOW AGROSCIENCES LLC;	A01N025/0028; B01J013/0018; A01N057/0016; A01P007/0004;	microencapsulated insecticide formulations
US2011039303 A1 20110217	US20070899630P;US20080526015;WO2008US53099;		C07K014/0000; B01L003/0000; C12P019/0034; C07H021/0004;	microfluidic and nanofluidic devices, systems, and applications
US2011100817 A1 20110505	US20080046664P;US20080050411P;US20090988713;WO2009US41279;	UNIV LOUISVILLE RES FOUND;	B01D057/0002; B81B001/0000; G01N027/0447;	microfluidic devices and methods of using same
CN102070118 A 20110525	CN20101518328;	UNIV NANJING;	B81B007/0000; G01N027/0014; B81C001/0000;	microheating plate for metal oxide semiconductor nano-film gassensor
CN102040184 A 20110504	CN20091181000;	ENGUANG DAI;	B81B007/0002;	micron/nanometer translation drive type structure
US2011089375 A1 20110421	US20040898554;US20070808476;US20080262435;US20100971751;	MASSACHUSETTS INST TECHNOLOGY;	C09K011/0008;	microspheres including nanoparticles
US2011003141 A1 20110106	US20070015483P;US20080061890P;US20080809193;WO2008US87770;		C25D015/0000; B32B005/0016;	microstructured material and process for its manufacture

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EP2311557 A2 20110420	EP20080009730;KR2 0070094579;	KOREA ENERGY RESEARCH INST;	D01F009/0016; B01J037/0002; B01J019/0000; B82Y030/0000; B01J037/0008; B01J023/0046; B01J023/0040; B01J019/0024; B01J023/0755; B01J037/0018; B01J035/0004; B01J021/0018;	microtubular reactor module comprising a microtubular honeycomb carbon material and method for producing the microtubular reactor module
KR101007057B B1 20110112	KR20090095691;	UNIV DONGGUK IND ACAD COOP;	H01L021/8242; H01L027/0108;	mim capacitor with nano structure and method for manufacturingthe same
WO2011050039 A2 20110428	US20090253921P;	BLANCO-CANOSA JUAN BAUTISTA;BOENEMAN KELLY;DAWSON GLYN;DAWSON PHILIP E;DELEHANTY JAMES B;DESCHAMPS JEFFREY R;MATTOUSSI HEDI M;MEDINTZ IGOR L;US GOVERNMENT;	A61K047/0002; G01N033/0068; A61K009/0038; A61K009/0127; A61K047/0030; A61K009/0051; A61K047/0042;	modular functional peptides for the intracellular delivery of nanoparticles
US2011155574 A1 20110630	US20050668632P;US 20050688799P;US200 50727603P;US200603 99663;US2008021404 6;US201113040537;	HARVARD COLLEGE;	G01N027/0447; G01N027/0453;	molecular characterization with molecular speed control
DE102009037011 B3 20110512	DE200910037011;	HELMHOLTZ ZENT B MAT & ENERG;	G03F007/0000; C12Q001/0000; C12M001/0034; B81C001/0000; B82B003/0000;	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
US2011062418 A1 20110317	US20070899667P;US 20080025562;US2010 0951067;		H01L029/0775;	molecular transistor driving of nanoscale actuators fromdifferential amplifier circuits compatible with carbon nanotube sensors and transducers

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US7948271 B1 20110524	US19990282045;	HEWLETT PACKARD CO;UNIV CALIFORNIA;	H03K019/0082; H03K019/0020;	molecular wire crossbar logic (mwcl)
US2011155964 A1 20110630	US20060840990P;US 20070897129;US2010 0959990;		H01B001/0004;	monodisperse single-walled carbon nanotube populations and related methods for providing same
US2011062411 A1 20110317	US20090561694;	IBM;	H01L021/0336; H01L021/0762; H01L029/0012;	mosfet with a nanowire channel and fully silicided (fusi) wrapped around gate
CN101978912 A 20110223	CN20101513143;	CHANGSHU HENGMAO TRADE CO LTD;	A01N037/0040; A01N065/0024; A01N065/0048; A41D031/0000; A01N065/0028; D02G003/0012; A01P017/0000; A41D013/0000; A01N065/0008; A01P001/0000; D06M013/0224; D06B003/0004; G21F003/0002; D06M013/0127;	mosquito repellent clothing
WO2011031999 A2 20110317	US20090241216P;	IVANISEVIC ALBENA;JAGANATHAN HAMSA;PURDUE RESEARCH FOUNDATION;	A61K049/0006; C12Q001/0068; B82B003/0000; B82B001/0000;	multi-component nanoparticle structure having detectable magnetic resonance properties
US2011062608 A1 20110317	US20040626792P;US 20050272194;US2005 0651288P;US2010082 1688;	UNIV MICHIGAN;	B05D001/0004; B29C067/0000; H05F003/0000;	multi-phasic nanoparticles

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WO2011027342 A2 20110310	US20090272230P;US 20100358973P;	COHEN GALIT;EITAN ASA;FULCRUM S P MATERIALS LTD;GRIMBERG ELENA;HEYMAN ARNON;LITVAK NIMROD;MEDALSY IZHAR;PORATH DANNY;SHOSEYOV ODED;WOLF AMNON;	C07K014/0415;	multi-site modified sp1 polypeptides and uses thereof
US2011063905 A1 20110317	US20090560040;	TOSHIBA AMERICA RES INC;	G11C016/0004;	multi-valued rom using carbon-nanotube and nanowire fet
US2011031443 A1 20110210	KR20060099942;US2 0070878064;US20100 923925;		C08K005/0151; C08K005/1515; C08K005/1539; C08K005/0007; B29C045/0000; B29C039/0000; B29C047/0000; H01B001/0012;	multicomponent carbon nanotube-polymer complex, composition forming the same, and preparation method thereof
WO2011033377 A2 20110324	US20090243349P;	ANDERSON DARREN J;DAS ANJAN;LOUKINE NIKOLAI;NORTON DANIELLE;VIVE NANO INC;	B32B005/0016;	multifunctional nanocomposites
WO2011010848 A2 20110127	KR20090065765;	BITERIALS CO LTD;KIM JUN SUNG;	A61K049/0018; A61K049/0006; A61P043/0000;	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
WO2011045454 A2 20110421	ES20090030845;	CALVINO GAMEZ JOSE JUAN;DOMINGUEZ VERA JOSE MANUEL;FERNANDEZ LOPEZ BELEN;GALVEZ RODRIGUEZ NATIVIDAD;TRASOBARES LLORENTE SUSANA;UNIV CADIZ;UNIV GRANADA;VALERO ROMERO ELSA;	A61B005/0055; A61K049/0014; C07K014/0435; A61K051/0008;	multifunctional nanostructures as spect/mri bimodal diagnosis agents



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WO2011070212 A2 20110616	ES20090031146;	BOSCHI FEDERICO;CALDERAN LAURA;CALVINO GAMEZ JOSE JUAN;CUESTA MARTOS RAFAEL;DOMINGUEZ VERA JOSE MANUEL;FERNANDEZ LOPEZ BELEN;GALVEZ RODRIGUEZ NATIVIDAD;HUNGRIA HERNANDEZ ANA B;MARZOLA PASQUINA;UNIV CADIZ;UNIV GRANADA;UNIV JAEN;VALERO ROMERO ELSA;	A61K051/0008; B82Y005/0000; A61K049/0014;	multifunctional nanostructures as trimodal mri/oi/spect diagnosis agents
US2011082261 A1 20110407	US20070995832P;US 20080190676;US2010 0944845;	ADVENT TECHNOLOGIES S A;	C08F034/0004; C07D333/0024;	multifunctional materials consisting of regioregularpoly(3-alkylthiophene)s covalently attached on carbon nanotubes for photovoltaic applications
WO2011046657 A2 20110421	US20090227746P;	BROMBERG LEV E;CHEN LIANG;HATTON TREVOR A;MASSACHUSETTS INST TECHNOLOGY;RUTLEDGE GREGORY C;	A62D003/0035; D01F008/0004; D01F001/0010; D01F008/0008; A01N033/0002;	multifunctional membranes with antimicrobial activity made of electroprocessed fibers
WO2011070203 A2 20110616	ES20090031148;	DOMINGUEZ VERA JOSE MANUEL;GALVEZ RODRIGUEZ NATIVIDAD;SANCHEZ SANCHEZ PURIFICACION;UNIV GRANADA;VALERO ROMERO ELSA;	B82Y005/0000; A61K051/0008; A61K049/0014;	multifunctional vectorised nanostructures that can be used as trimodal (mri, oi and spect) diagnosis agents
US2011088931 A1 20110421	US20090167131P;US 20100755319;	VORBECK MATERIALS CORP;	B32B027/0034; B05D001/0036; H05K001/0009; H01B001/0024; B32B027/0008; B32B027/0010; B32B027/0036; B32B027/0006;	multilayer coatings and coated articles
US2011111202 A1 20110512	TW20090138496;	NAT UNIV TSINGHUA;	B32B015/0004; C23F001/0000; C23F001/0008; B32B005/0018;	multilayer film structure, and method and apparatus for transferring nano-carbon material

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			B32B009/0000;	
WO2011017695 A1 20110210	US20090232252P;	ANNEAUX BRUCE L;BALLARD ROBERT L;GARNERDAVID P;ZEUS INC;	B29C047/0000;	multilayered composite
EP2285889 A1 20110223	US20080137121;WO2 008US07372;	UNIV MICHIGAN OFFICE OF TECHNOLOGY TRANSFER;	C08K009/0004; C09D011/0000; C09D011/0002; B05B005/0000; C08J003/0020; D01D005/0000; D01F001/0006; C08K003/0034; C08J003/0205; C08J003/0012; D01D005/0034; D01D005/0032; C08J003/0000;	multiphasic nano-components comprising colorants
US2011125050 A1 20110526	US20040611624P;US 20050231425;US2010 0897207;	UNIV PENNSYLVANIA;	B05D005/0012; C25D007/0000; A61B005/0053; G01R027/0008; C23C028/0000;	multiple-electrode and metal-coated probes
WO2011044916 A1 20110421	WO2009EG00025;	ELBAIALY EL SAYED KAMEL MORSY;	A01N061/0000; A01N025/0002; A01N055/0002;	multipurpose eco-friendly disinfecting composition comprising nano size antibacterial agent
US7879308 B1 20110201	US20000528259;US2 0030424336;US20030 511787P;US20040559 745P;US20040961929 ;US20050098247;	UNIV CENTRAL FLORIDA RES FOUND;	D01F009/0012;	multiwall carbon nanotube field emitter fabricated by focused ion beam technique
CN102090418 A 20110615	CN20101596742;	HENAN HUIER NANOMETER SCIENCE AND TECHNOLOGY CO LTD;	A01P001/0000; A01P003/0000; A01N059/0016;	nano-ag antibacterial agent and preparation method thereof

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EP2274090 A1 20110119	US20080018774P;WO 2009US30016;	LOCKHEED CORP;	G03F007/0000; G01N033/0543; B82Y030/0000; B01J019/0000;	nano-getter device
JP2011003871 A 20110106	KR20090053397;	KOREA ELECTRONICS TELECOMM;	H01L029/0006; H01L021/8242; H01L021/8247; H01L027/0115; H01L029/0792; H01L027/0108; H01L029/0788; H01L027/0010;	nano-line memory
US2011155571 A1 20110630	US20040983993;US2 0060525469;US20111 3032585;	QUANTUMSPHERE INC;	G01N027/0030; C25B011/0004;	nano-material catalyst device
US2011152426 A1 20110623	EP20070106231;US2 0090450811;US20111 3034481;WO2008EP5 4264;	ALTANA ELEC INSULATION GMBH;	C08K003/0038; C08L067/0000; C08K003/0022; C08L079/0008; C08L075/0004;	nano-modified wire enamels and enamelled wires thereof
CN201770470U U 20110323	CN20102163697U;	HONGWEI ZHAO;	B81C099/0000; B82B003/0000;	nano-precision surface ironing press treatment andmicro-nano structure array processing platform
US2011024685 A1 20110203	US20070728445;US2 0100690980;	GEN ELECTRIC;	C09K011/0086; C09K011/0084;	nano-scale metal oxyhalide and oxysulfide scintillationmaterials and methods for making same
KR20110052751 A 20110518	US20040957196;	INTEL CORP;	B81B007/0002; H01L021/0000; H05K001/0000; B22F001/0000;	nano-sized metals and alloys, and methods of assembling packagescontaining same
US2011000698 A1 20110106	JP20060035583;WO2 007JP52287;		H01B003/0000; B32B037/0000;	nano-sized ultrathin-film dielectric, process for producing thesame and nano-sized ultrathin film dielectric device
US2011073842 A1 20110331	JP20080150547;WO2 009JP60318;	NAT INSTITUTE OF ADVANCED IND SCIENCE AND TECHNOLOGY;	H01L021/0084; H01L029/0786;	nano-wire field effect transistor, method for manufacturing thetransistor, and integrated circuit including the transistor

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US2011057163 A1 20110310	JP20080150439;WO2009JP60310;	NAT INST OF ADVANCED IND SCIEN;	H01L021/0762; H01L029/0066; H01L029/0775;	nano-wire field effect transistor, method for manufacturing the transistor, and integrated circuit including the transistor
US2011123146 A1 20110526	WO2008US71780;		G02F001/0025; G02B006/0012; H01S003/0067; G01J001/0004;	nano-wire optical block devices for amplifying, modulating, and detecting optical signals
US2011097788 A1 20110428	US20030601378;US20100915911;	ACCELLA SCIENT INC;	B01F005/0006; B01F015/0002; B01L003/0000; G01N033/0569; B01D061/0018; C12Q001/0070; B01F003/0020; C12M001/0034; G01N015/0010; B01F013/0000;	nano and micro-technology virus detection method and device
JP2011020005 A 20110203	JP20090164497;	DAINICHI IND;	A01G031/0000; B01F005/0004; C02F001/0050; B01F003/0004; C02F001/0078; B01F011/0000;	nano bubble generator
US2011144023 A1 20110616	US20090286166P;US20100967708;	UNIV HONG KONG;	C12Q001/0002; C12N005/0000; A61P035/0000; A61K038/0010; A61P007/0004;	nano cancer barrier device (ncbd) to immobilize and inhibit the division of metastatic cancer stem cells
US2011117723 A1 20110519	DE200610030267;US20070671688;US201113014771;	ADVANCED MICRO DEVICES INC;	H01L021/0762; H01L021/0028; H01L021/0768;	nano imprint technique with increased flexibility with respect to alignment and feature shaping
US2011073841 A1 20110331	KR20060112875;US20070853313;US20100961883;	SAMSUNG ELECTRONICS CO LTD;	H01L029/0066; H01L029/0078;	nano line structures in microelectronic devices

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CN101953511 A 20110126	CN20101189587;	JINXUE CHENG;	A01G001/0000; A61P035/0000; A61K033/0004; A61K036/0074; A61K033/0024; A61K033/0000; A61K036/0081; A61P039/0002; A24D001/0000;	nano selenium and germanium rich negative ion safe anti-cancercigarette for eliminating toxic hazard of cigarette smoke
WO2011023584 A2 20110303	EP20090168776;	POLYMERS CRC LTD;WEISS THOMAS;XALTER RAINER;	A01N059/0016; A61K033/0038; A01P001/0000; A61K033/0030; C01G005/0000; B82B001/0000; B82B003/0000; B22F009/0030; C01G009/0002; A01N025/0034;	nano silver-zinc oxide composition
US2011015297 A1 20110120	EP20070150289;WO2008EP67366;	BASF SE;	F21V009/0006; C08K005/0017; C08K005/3492;	nano structured uv absorbers
WO2011050272 A2 20110428	US20090279588P;US20100352654P;US20100367246P;	ADATO RONEN;AKSU SERAP;ALTUG HATICE;ARTAR ALP;ERRAMILLI SHYAMSUNDER;HUANG MIN;UNIV BOSTON;YANIK AHMET ALI;	G01J003/0002; G01J003/0044;	nanoantenna arrays for nanospectroscopy, methods of use and methods of high-throughput nanofabrication
US2011035836 A1 20110210	US20070929006P;US20080663458;WO2008CA01112;	CANADA AGRICULTURE;	A01H005/0000; C12N015/0087;	nanocarrier based plant transfection and transduction
WO2011017077 A2 20110210	US20090228840P;US20090228844P;US20090228846P;	CHEN YU;ERRAMILLI SHYAMSUNDER;HONG MI K;MOHANTY PRITIRAJ;UNIV BOSTON;	C12Q001/0068; G01N027/0414; G01N033/0048; G01N027/0416;	nanochannel-based sensor system with controlled sensitivity

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WO2011038327 A1 20110331	US20090246251P;	AUSTIN MICHAEL D;BIONANOMATRIX INC;BOGDANOV VALERIY;DESHPANDE PARIKSHIT A;SHARONOV ALEXEY;	C40B060/0012; C40B030/0004;	nanochannel arrays and near-field illumination devices for polymer analysis and related methods
SG169225 A1 20110330	US20010307668P;	UNIV PRINCETON;	C12N015/0009; C12M001/0000; G01N035/0008; G01N037/0000; B01L003/0000; C12Q001/0068; G01N033/0050; B81B001/0000;	nanochannel arrays and their preparation and use for high throughput macromolecular analysis
WO2011047198 A1 20110421	US20090251634P;	LLORDES ANNA;MILLIRON DELIA J;TANGIRALA RAVISUBHASH;UNIV CALIFORNIA;	B32B009/0000;	nanocomposite and method of making thereof
WO2011009798 A1 20110127	EP20090166033;	BASF SE;CHAROENSIRISOMBOON PIYADA;JAIN SACHIN;MUELLERMATTHIAS;SCHMI DT CHRISTIAN;WEBER MARTIN;	C08K003/0036; C08K009/0006; C08L077/0000;	nanocomposite blend based on polyamides and polyarylene ethersulfones
WO2011038180 A1 20110331	US20090245776P;US 20100888891;	EATON CORP;	C08J005/0000; C08K003/0034;	nanocomposite composition and system
WO2011003634 A1 20110113	DE200910033267;	HAMMER THOMAS;HEINRICHSDORFF FRANK;KRUEGER URSUS;LUETHEN VOLKMAR;REZNIK DANIEL;SIEMENS AG;	H01B003/0052; H01B003/0054; C08K007/0024; C08K003/0004; C08L001/0002; C08K003/0038; C08K007/0004;	nanocomposite comprising boron nitride nanotubes

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WO2011003635 A1 20110113	DE200910033268;	HAMMER THOMAS;HEINRICHSORFF FRANK;KRUEGER URSUS;LUETHEN VOLKMAR;REZNIK DANIEL;SIEMENS AG;	C08K003/0038; H01B003/0052; C08K007/0006; H01B003/0054; C08K003/0004; C08K007/0024; C08L001/0002;	nanocomposite comprising semiconducting nanoparticles
WO2011004053 A1 20110113	ES20090030434;	CONSEJO SUPERIOR INVESTIGACION;GOMEZ RODRIGUEZ MARIA DE LOS ANGELES;JIMENEZ GUERRERO IGNACIO;NAFFAKH CHERRADI-HADI MOHAMMED;	C08K003/0030; C08L077/0000;	nanocomposite inorganic fullerene and polyamide materials with enhanced thermal, tribological, and mechanical-dynamic properties, and use thereof as coatings
EP2305596 A1 20110406	WO2008RU00398;	ADAMOV GRIGORY EVGENEVICH;DEVYATOV ALEXANDR GEORGIEVICH;GREBENNIKOV EVGENY PETROVICH;	G03C001/0072; G02F001/0000; B82B001/0000;	nanocomposite material
US2011027599 A1 20110203	US20050660428P;US 20060364885;		C08K003/0022; C08L033/0026; C08K003/0032; B32B027/0008; C08K003/0034; B05D003/0000;	nanocomposite membranes and methods of making and using same
KR20110039568 A 20110419	US20080084140P;US 20090460993;	BATTELLE MEMORIAL INSTITUTE;	H01M010/0000; C01B031/0004; H01M004/0583; C01B031/0002;	nanocomposite of graphene and metal oxide materials
WO2011015685 A2 20110210	ES20090001689;	ALONSO GONZALEZ AMANDA;MAS GORDI JORDI;MUNOZ TAPIA MARIA;MURAVIEW MURAVIEW DIMITRI;UNIV BARCELONA AUTONOMA;	A01N025/0034; C02F001/0050;	nanocomposite with bactericidal activity

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US2011152427 A1 20110623	US19970049077P;US19970069935P;US19980079225P;US19980083893;US20010790036;US20030435222;US20080081115;US201113036851;		C08L033/0012; C08K003/0022; C08K003/0000; C08K003/0008; C08K003/0010;	nanocomposites
EP2291324 A1 20110309	KR20080049464;WO2008KR05712;	BIONEER CORP;	B82B003/0000;	nanocomposites consisting of carbon nanotube and metal and a process for preparing the same
BRPI0706696 A2 20110405	US20060336948;WO2007US01235;	MOMENTIVE PERFORMANCE MAT INC;	C08G077/0004; C08K009/0004; C08L083/0004; C08K003/0034;	nanocompósito inorgânico e orgânico
US2011160094 A1 20110630	US20030688867;US20110984443;		C40B040/0006; C40B040/0008; C40B040/0000;	nanocontact printing
US2011073936 A1 20110331	US20080339262;US20090436558;US20100964727;	FREESCALE SEMICONDUCTOR INC;	H01L021/0020; H01L029/0792;	nanocrystal memory with differential energy bands and method of formation
US7912653 B1 20110322	US20030463765P;US20040826153;US20050075364;	NANOSYS INC;	C12Q001/0068; G01N033/0048; G01N031/0000;	nanocrystal taggants
US2011073827 A1 20110331	US20090237155P;US20100869215;	UNIV MARYLAND;	H01L027/0004; H01L021/0062;	nanodevice arrays for electrical energy storage, capture and management and method for their formation
CN101959789 A 20110126	KR20080011398;WO2008KR00731;	POSTECH ACAD IND FOUND;	B82B003/0000;	nanodevice, transistor comprising the nanodevice, method for manufacturing the nanodevice, and method for manufacturing the transistor



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US2011006218 A1 20110113	US20070947533P;US 20080665849;WO200 8US67479;	UNIV DREXEL;	C07H021/0000; C08F110/0002; H01B001/0024; C08F120/0006; C08F110/0006; C08F112/0008; C08F120/0044; C08G064/0000; C08G065/0004; C07K017/0014; B29C047/0000; G01J001/0058; C08G018/0000; C08F114/0018; C07C011/0000;	nanodiamond compositions and methods of making and using thereof
US2011014451 A1 20110120	JP20080051811;JP20 080090685;WO2009J P53812;		B32B017/0006; B32B009/0004; B32B005/0000; B05D003/0002; B32B015/0004; B32B003/0026; B32B037/0012; B32B027/0000; C01B031/0006; C08L027/0018;	nanodiamond film
US2011062313 A1 20110317	US20070901878P;US 20080033212;US2010 0948107;		H03F003/0045;	nanoelectronic differential amplifiers and related circuits having graphene nanoribbons
US2011116168 A1 20110519	US20090260850P;US 20100943325;		B05D005/0006; G02B001/0010;	nanoengineered devices based on electro-optical modulation of the electrical and optical properties of plasmonic nanoparticles
KR20110007224 A 20110121	US20080125516P;	UNIV AKRON;	B82B003/0000; D04H003/0016; B29C041/0028; A01K001/0015;	nanofiber enhanced functional film manufacturing method using melt film casting

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WO2011022020 A1 20110224	WO2009US54605;	HALLIBURTON ENERGY SERV INC.;JONES CHRISTOPHER M;	G01N021/0001;	nanofiber spectral analysis
EP2310340 A2 20110420	US20080183464;WO2 009US04208;	CORNING INC;	C04B035/0622;	nanofibers and methods for making the same
KR20110001896 A 20110106	US20090493811;	IBM;	H01L021/0336; H01L029/0078;	nanofluidic field effect transistor based on surface chargemodulated nanochannel
WO2011064701 A1 20110603	CH20090001824;	DURAND NICOLAS;ECOLE POLYTECH;FOURNIER YANNICK;LASSER THEO;MAERKI IWAN;	G01N021/0064; G01N021/0005;	nanofluidic biosensor and its use for rapid measurement ofbiomolecular interactions in solution and methods
WO2011009209 A1 20110127	US20090227893P;	DWYER JASON;HARB MAHER;MILLER DWAYNE RJ;PAARMANN ALEX;	G01N023/0020; H01J037/0026; G01N021/0005; G01Q030/0020; G01N023/0000; H01J037/0020; G01N029/0022; G01N001/0000;	nanofluidic cell
US7947952 B1 20110524	US20010274501P;US 20010287677P;US200 20093842;US2007072 8744;	GEN NANOTECHNOLOGY LLC;	G01N023/0000;	nanomachining method and apparatus
US2011103733 A1 20110505	US20080043607P;US 20080117792P;US200 90920631;WO2009EP 54340;		G02B006/0035; G02F001/0001; G02B006/0026; G01N021/0084;	nanomechanical photonic devices
EP2287944 A1 20110223	CN20091143905;WO2 009CN72394;	XU RUISONG;	H01M004/0036;	nanometer-level positive electrode material for lithium batteryand method for making the same
EP2285479 A2 20110223	PT20080104085;WO2 009IB52205;	INNOVNANO MATERIAIS AVANCADOS S A;	B01J003/0008;	nanometric-sized ceramic materials, process for their synthesisand uses thereof
US2011079769 A1 20110407	FR20050050605;WO2 006FR50200;		H01L029/0775;	nanometric mos transistor with maximized ration between on-statecurrent and off-state current

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WO2011011333 A2 20110127	US20090227012P;	JANOSKY ROBERT;NANOINK INC;ROSNER BJOERN;SANDEEP DISAWAL;	B81C001/0000; A61J003/0007; A61K009/0048;	nanomolding micron and nano scale features
US2011092672 A1 20110421	TW20090135414;	UNIV NAT CHIAO TUNG;	C07F007/0018; C07K007/0006; C07K014/0054;	nanoparticle and magnetic resonance imaging contrast agent
US2011142941 A1 20110616	US20060876770P;US 20070000262P;US200 70003935P;US200700 04979;US2007092211 3P;US20070936223P; US20070959006P;US 20070967016P;US200 70994895P;US201009 47389;		A61K038/0002; A61K031/0729; A61K031/0728; A61K031/0765; A61K031/0734; A61K038/0038; A61K031/0717; A61K038/0039; A61K031/0721; A61K009/0014; A61P035/0004; A61K031/0722; A61P035/0000; C12N005/0009; A61K031/0192;	nanoparticle and polymer formulations for thyroid hormoneanalogs, antagonists, and formulations and uses thereof
US2011081109 A1 20110407	US20090573862;		G02B006/0026; G02B006/0000; G02B006/0010;	nanoparticle array photonic waveguide
US2011135744 A1 20110609	US20090266295P;US 20100958738;	UNIV CALIFORNIA;	C08F112/0008; A61K009/0014; A61K031/0745; A61P029/0000; A61P015/0002; B32B005/0016; A61P011/0000; A61P001/0000; A61P011/0006;	nanoparticle based therapy for dispersing mucin
GB2476269 A 20110622	GB20090022052;	UNIV DUBLIN CITY;	A61K049/0018;	nanoparticle clusters formed from individual nanoparticlesof two or more types

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CN101959949 A 20110126	US20080019699P;WO 2009US30075;	3M INNOVATIVE PROPERTIES CO;	C08K003/0022; C08K007/0018; C08L077/0002; C08J005/0018;	nanoparticle dispersion, compositions containing the same, and articles made therefrom
US2011105889 A1 20110505	JP20080185857;WO2 009JP53002;	KONICA MINOLTA MED & GRAPHIC;	A61B006/0000; B32B001/0000; A61B005/0055;	nanoparticle labeling and system using nanoparticle labeling
US2011009541 A1 20110113	US20050317963;US2 0080266984;US20100 887354;	BOSTON SCIENT SCIMED INC;	C08K005/5415;	nanoparticle precursor structures, nanoparticle structures, and composite materials
US2011144061 A1 20110616	JP20080194041;JP20 090158201;WO2009J P63706;	CANON KK;	C07F009/6506; H01B003/0020; H01B001/0012; B32B001/0000; B01J031/0002; A61K008/0049; C09D007/0012; B01J031/0018;	nanoparticle/dispersant complex, nanoparticle dispersion liquid, and nanoparticle/matrix-material complex
US2011108799 A1 20110512	GB20050016598;US2 0080997973;US20100 959749;WO2006GB03 028;		H01L029/0066; H01L031/0296; C30B007/0000; C01G009/0008; C30B029/0060; H01L021/0020; C09K011/0002;	nanoparticles
WO2011019817 A2 20110217	US20090232991P;	BELGRAVE AKEISHA;BURNS ANDREW;CORNELL RES FOUNDATION INC;HERZ ERIK;NOGINOV MIKHAIL A;SHALAEV VLADIMIR M;STOUT SAMANTHA;WIESNER ULRICH B;ZHU GUOHUA;	B82B003/0000; B82B001/0000;	nanoparticles and methods of generating coherent emission therefrom

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US2011056564 A1 20110310	US20080052003P;US 20090991518;WO200 9US43069;		G02F001/0355; C01B019/0000; H01L031/0272; B05D005/0012; C01B017/0000; H01B001/0002; H01L031/0264;	nanoparticles and methods of making and using
EP2330208 A1 20110608	EP20050746540;GB2 0040011537;US20040 573805P;	MIDATECH LTD;	C12N015/0088; A61K047/0048; A61K051/0012; G01N033/0058; A61K049/0018; C12N015/0011; C12N015/0113; A61K049/0000;	nanoparticles comprising rna ligands
EP2295045 A1 20110316	EP20070764504;US2 0060819209P;	UNIV AARHUS;	A61K047/0036; A61K009/0051;	nanoparticles for nucleic acid delivery
US7897585 B1 20110301	US20050029082;US2 0050284734;US20060 398145;US200801512 30;US20080204025P; US20080286504;US2 0090378976;	GP MEDICAL INC;NAT UNIV TSINGHUA;	A01N043/0004;	nanoparticles for protein drug delivery
US7867984 B1 20110111	US20050029082;US2 0050284734;US20060 398145;US200801512 30;US20080204025P; US20080229929;US2 0090459657;	GP MEDICAL INC;NAT UNIV TSINGHUA;	A01N043/0004;	nanoparticles for protein drug delivery
US7871990 B1 20110118	US20050029082;US2 0050284734;US20060 398145;US200801512 30;US20080286504;U S20090456927;	GP MEDICAL INC;NAT UNIV TSINGHUA;	A61K038/0000; A01N043/0004;	nanoparticles for protein drug delivery

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US7879819 B1 20110201	US20050029082;US20050284734;US20060398145;US20080151230;US20080204025P;US20090455388;	GP MEDICAL INC;NAT UNIV TSINGHUA;	A61K038/0000; A01N043/0004;	nanoparticles for protein drug delivery
US7863259 B1 20110104	US20050029082;US20050284734;US20060398145;US20080151230;US20080204025P;US20080286504;US20090378985;	GP MEDICAL INC;NAT UNIV TSINGHUA;	A61K038/0000; A01N043/0004;	nanoparticles for protein drug delivery
US7871989 B1 20110118	US20050029082;US20050284734;US20060398145;US20080151230;US20080204025P;US20080286504;US20090322444;	GP MEDICAL INC;NAT UNIV TSINGHUA;	A01N043/0004; A61K038/0000;	nanoparticles for protein drug delivery
US7863258 B1 20110104	US20050029082;US20050284734;US20060398145;US20080151230;US20080204025P;US20080286504;US20090322443;	GP MEDICAL INC;NAT UNIV TSINGHUA;	A61K038/0000; A01N043/0004;	nanoparticles for protein drug delivery
US7871988 B1 20110118	US20050029082;US20050284734;US20060398145;US20080151230;US20080204025P;US20080286504;US20090321855;	GP MEDICAL INC;NAT UNIV TSINGHUA;	A01N043/0004;	nanoparticles for protein drug delivery
US7959690 B1 20110614	US20040846023;US20070788723;	UNIV CENTRAL FLORIDA RES FOUND;	C10L001/0012;	nanoparticles for soot reduction

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US2011064652 A1 20110317	EP20080075267;WO2 009EP02513;		A61K049/0004; A61K031/0337; A61K051/0000; A61P035/0000; A61K047/0048; A61K049/0000; A61K047/0034;	nanoparticles for targeted delivery of active agents to the lung
US2011031452 A1 20110210	US20070990767P;US 20070991065P;US200 80324029;		H01L021/0020; H01B001/0002;	nanoparticles having continuous photoluminescence
WO2011075855 A1 20110630	WO2009CH00410;	BOKORNY STEFAN;ETH ZUERICH;LOHER STEFAN;MAIENFISCH TOBIAS;PERLEN CONVERTING AG;STARK WENDELIN JAN;	A01N059/0026; A01N059/0006; A01N059/0016; A01N025/0010; A01N025/0034; A01P003/0000; A01N025/0004; A01N059/0020;	nanoparticles with fungicidal properties, a process for their preparation and their use in the manufacture of different articles
CN102105175 A 20110622	US20080056170P;WO 2009CN70691;	UNIV HONG KONG CHINESE;	H01F001/0011; A61K049/0018; H01F001/0036;	nanoparticles, methods of making same and cell labelling using same
ES2360638T T3 20110607	US20060554214;	MCNEIL PPC INC;	A61K009/0051; A61K033/0036; A61K033/0032; A61K045/0006; A61L015/0018; A61K033/0026; A61K033/0024; A61K033/0038; A61K009/0070; A61K033/0030; A61P017/0000; A61K033/0028; A61K009/0000; A61K033/0006; A61K047/0048;	nanoparticulas con revestimiento metalico para su uso en el tratamiento de dermatitis enzimatica.

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ES2352878T T3 20110223	NO20050005721;	PROTOTECH AS;	C01B013/0032; C01G001/0002; C01G035/0000; C01G053/0004; C01G017/0002; C01G025/0002; C01G027/0002; C01B033/0152;	nanopartículas y método de proceso sol-gel.
US2011037030 A1 20110217	DE200710058674;WO 2008EP10399;	SUED CHEMIE AG;	C01B025/0026; H01B001/0002; C01G023/0004; C01B025/0030; H01M004/0058; H01B001/0004; H01M004/0485; C01G023/0047;	nanoparticulate composition and method for its production
MX2010013971 A 20110224	EP20080159913;WO2 009EP58303;	BASF SE;	A01N059/0020; C01G003/0000;	nanoparticulate surface-modified copper compounds.
SE0901216 A1 20110222	SE20090001216;	SMALL PARTICLE TECHNOLOGY GBG AB;	C01B033/0014; A01N059/0016; C01G005/0000;	nanopartiklar av silver
US2011096527 A1 20110428	KR20090101732;	SAMSUNG ELECTRONICS CO LTD;	C09K011/0056; C01G009/0008; F21V009/0016;	nanophosphor, light emitting device including nanophosphor, and method of preparing nanophosphor
US2011049673 A1 20110303	US20090548298;	IBM;	H01G004/0008; H01G009/0000; H01L029/0092;	nanopillar decoupling capacitor
US2011143139 A1 20110616	US20060837791P;US 20070836746;US2007 0908144P;US2011130 12097;	AQUA RESOURCES CORP;	B32B005/0016;	nanoplatelet metal hydroxides and methods of preparing same



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US2011120868 A1 20110526	US20080037647P;US 20080083001P;US200 80103019P;US200909 20809;WO2009US375 70;	UNIV ARIZONA;	H05K003/0002; H05K003/0006; G01N027/0447;	nanopore and carbon nanotube based dna sequencer and a serial recognition sequencer
WO2011027379 A1 20110310	IT2009RM00450;	FANZIO PAOLA;FIRPO GIUSEPPE;ISTITUTO NAZ PER LA RICERCA SUL CANCRO;MUSSI VALENTINA;REPETTO LUCA;SCARUFFI PAOLA;STIGLIANI SARA;TONINI GIANPAOLO;UNIV DEGLI STUDI GENOVA;VALBUSA UGO;	B81B001/0000; G01N033/0487;	nanopored silicon nitride chip for the analysis of geneexpression profiles
WO2011069476 A1 20110616	DE200910057746;	CHEREPA NOV VASILY;COENEN PETER;FORSCHUNGSZENTRUM JUELICH GMBH;VOIGTLAENDER BERT;	H01L041/0009; G01Q010/0004;	nanopositioner
US2011091510 A1 20110421	US20080049262P;US 20090936491;WO200 9US02686;	UNIV FLORIDA;	C01B021/0006; B32B009/0000; C01G023/0047; C01G009/0002; A61K031/0727; A61K038/0002; C01B033/0002; A61K033/0024; A61K031/0407; C12N005/0071; A61L033/0000; A61K009/0000; A61P043/0000;	nanorod materials and methods of making and using same
US2011128536 A1 20110602	US20090266036P;US 20100957883;		G01J003/0044; G03F007/0020; B05D005/0006;	nanoscale array structures suitable for surface enhanced ramanscattering and methods related thereto

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EP2318310 A2 20110511	FR20080003976;WO2009FR00852;	CENTRE NAT RECH SCIENT;UNIV PARIS CURIE;	C01B021/0064; C04B035/5831;	nanoscale cubic boron nitride
WO2011041682 A1 20110407	US20090247706P;US20090248929P;	BUSNAINA AHMED;KIMTAEHOON;SOMU SIVASUBRAMANIAN;UNIV NORTHEASTERN;YILMAZ CIHAN;	H01L021/0768;	nanoscale interconnects fabricated by electrical field directed assembly of nanoelements
KR20110026289 A 20110315	KR20090084121;	POSTECH ACAD IND FOUND;	G02B003/0000; B81B007/0002;	nanoscale lens through self-assembly process
US2011139970 A1 20110616	US20090285869P;US20100966785;	UNIV ST LOUIS;	G01J009/0000;	nanoscale object detection using a whispering gallery mode resonator
US2011039730 A1 20110217	US20070935774P;US20080675370;WO2008US75066;	UNIV CORNELL;	C40B060/0012; C40B030/0010;	nanoscale optofluidic devices for molecular detection
WO2011047797 A1 20110428	DE200910050439;	BUSCH DETLEF;KLEIN DOMINIC;SCHMITZ BERTRAM;TREFAN GERMANY GMBH & CO KG;	B29C055/0012; C08J003/0205; C08K005/0098; C08J009/0000; H01M002/0016; C07C051/0041; C08J005/0018; B01D067/0000; C08J003/0020; B01D071/0016;	nanoscale ss-nucleating agent for polypropylene
US2011024714 A1 20110203	US20090512230;		H01L045/0000; H01L021/0034;	nanoscale three-terminal switching device
US2011001117 A1 20110106	US20080011919P;US20080022497P;US20090746791;WO2009US00337;	HARVARD COLLEGE;	H01L029/0066; H01L021/0060;	nanoscale wire-based memory devices
US2011077147 A1 20110331	US20070008605P;US20080338736;US20100961870;	UCHICAGO ARGONNE LLC;	H01M004/0088; B01J023/0042;	nanosegregated surfaces as catalysts for fuel cells

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WO2011019882 A1 20110217	US20090233263P;	PERALTA IVANA ROMINAGUADALUPE;UNIV RICE WILLIAM M;WILSON LON J;	A01N033/0002; C07C229/0000;	nanostructure-beta-blocker conjugates
US2011123726 A1 20110526	US20050217095;US2 01113019491;		B05D003/0000;	nanostructure sorting
US2011059333 A1 20110310	US20050706059P;US 20060484083;US2010 0941919;		B32B015/0000; B32B015/0020;	nanostructured composite electrode
EP2297782 A1 20110323	SE20080001648;WO2 009SE50857;	QUNANO AB;	H01L029/0012; H01L029/0006; H01L029/0080; H01L029/0002; H01L027/0105;	nanostructured memory device
KR20110018437 A 20110223	SE20080001393;	QUNANO AB;	H01L021/8242; H01L027/0108;	nanostructured mos capacitor
USRE42249E E1 20110329	US20010268365P;US 20020073935;US2002 0347002P;US2003033 8654;US20080217114 ;	STC UNM;	B01D061/0014; B01D021/0000; B01D011/0000;	nanostructured separation and analysis devices for biologicalmembranes
US2011052463 A1 20110303	US20100870291;WO2 008US79048;	UNIV BROWN;	B01D053/0064;	nanostructured sorbent materials for capturing environmentalmercury vapor
EP2324377 A1 20110525	FR20080056103;WO2 009EP61673;	COMMISSARIAT ENERGIE ATOMIQUE;	G02B005/0018; G02B005/0020;	nanostructured spectral filter and image sensor
US2011053794 A1 20110303	US20090237034P;US 20100310875P;US201 00869504;		C40B040/0018; C40B030/0004; C40B060/0012;	nanostructured substrates for surface enhanced ramanspectroscopy (sers) and detection of biological and chemical analytes by electrical double layer (edl) capacitance
US2011048518 A1 20110303	US20090236960P;US 20090246432P;US201 00857816;	MOLECULAR IMPRINTS INC;UNIV TEXAS;	H01L031/0352; H01L031/0105; H01L031/0018;	nanostructured thin film inorganic solar cells

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EP2302108 A1 20110330	EP20030738327;US2 0020393835P;US2003 0459982P;	QUNANO AB;	C30B029/0040; C30B011/0000; H01L029/0088; C30B025/0018; B82B003/0000; H01L031/0010; C30B029/0060; H01L021/0331; C30B025/0014; B82B001/0000; H01J031/0012; H01L029/0737; C30B011/0012; H01L033/0000; C30B025/0002; H01L029/0006;	nanosurfaces and methods for manufacturing the same
EP2319461 A1 20110511	EP20070112076;EP20 080774897;EP201001 94575;	ASTRA TECH AB;	A61L027/0050; A61K006/0004; A61L027/0004; A61F002/0030; A61L027/0030; C23F001/0026; A61C008/0000; A61L027/0006;	nanosurface
WO2011031487 A2 20110317	US20090236742P;	TRESEDER KATHLEEN K;UNIV CALIFORNIA;WHITESIDE MATTHEW D;	B82B001/0000; A01N025/0024;	nanotechnological delivery of microbicides and other substances
US2011014118 A1 20110120	US20070974310P;US 20070981920P;US200 80040022P;US200800 69108P;US200800699 05P;US20080123796 P;US20080124290P;U S20080126899P;US2 0080235342;US20090 228243P;US20100326		A61K051/0002; A61K038/0019; A61K031/0785; A61P035/0000; A61K009/0127;	nanotherapeutic colloidal metal compositions and methods

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	424P;US20100843504;			
US2011062993 A1 20110317	US20030494889P;US 20040917893;US2006 0602795;US20090476 808;US20100951896;	NANTERO INC;	H01L029/0078; H01L029/0084; H01L029/0006; G11C013/0002; H01L021/0000; H01L027/0028; H01L029/0072; H01L029/0073; H03K019/0020; H01H059/0000; H01L051/0030;	nanotube-based switching elements and logic circuits
WO2011046157 A1 20110421	JP20090238936;	NEC CORP;YUDASAKA MASAKO;YUGE RYOTA;	H01J009/0002; B01J023/0755; H01J001/0304; B82B003/0000; H01J063/0006; B82B001/0000; C01B031/0002;	nanotube-nanohorn composite body and method for producing same
US2011104551 A1 20110505	US20090280627P;US 20100938638;	UCHICAGO ARGONNE LLC;	H01M004/0583; H01M010/0026; H01M004/0525; H01M004/0058; H01M004/0485; H01M004/0056; H01M004/0060; H01M006/0042; H01M004/0054;	nanotube composite anode materials suitable for lithium ion battery applications
CN101952987 A 20110119	US20080035866;WO2 009FI50047;	NOKIA CORP;	B82B001/0000; H01L029/0006; H01L051/0005;	nanotube device

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GB2473696 A 20110323	DE200910041642;GB 20100008164;	OHNESORGE FRANK MICHAEL;	H01L049/0000; H01L031/0006; H01L029/0066; H01L029/0775; H01L029/0012; H01L027/0105;	nanotube devices
US2011027174 A1 20110203	US20030527454P;US 20040005412;US2004 0553907P;US2008011 2986;US20100905858 ;		A61P035/0000; A61K009/0014; A61K051/0012;	nanotubes for cancer therapy and diagnostics
ES2351845T T3 20110211	FI20050001171;	CANATU OY;	C01B031/0002;	nanotubos de carbono funcionalizado con fullerenos.
US2011062416 A1 20110317	WO2008US62683;		H01L031/0352; H01L031/0018;	nanowire-based photodiode
WO2011014176 A1 20110203	WO2009US52308;	FATTAL DAVID A;HEWLETT PACKARD DEVELOPMENT CO;KOBAYASHI NOBUHIKO;KUO HUEI PEI;LI JINGJING;LI ZHIYONG;WANG SHIH-YUAN;	G01J003/0044;	nanowire-based systems for performing raman spectroscopy
US2011088770 A1 20110421	US20060851652P;US 20070871767;US2007 0911058P;US2007091 3231P;US2010090566 4;	CAMBRIOS TECHNOLOGIES CORP;	H01L031/0018; H01J017/0049; H01J001/0062; B05D005/0012; G02F001/1368; H01L031/0224; H01L033/0000; H01B011/0006; G02B005/0022;	nanowire-based transparent conductors and applications thereof
US2011007559 A1 20110113	KR20070126001;WO2 008KR07165;		G11C011/0014; H01B005/0002;	nanowire and memory device using it as a medium for current-induced wall displacement
KR20110074605 A 20110630	US20080106961P;	HEWLETT PACKARD DEVELOPMENT CO;	G01J005/0002; G01J005/0020;	nanowire bolometer photodetector

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US2011133166 A1 20110609	US20090631218;	IBM;	H01L029/0066; H01L021/0066; H01L021/0336;	nanowire fet having induced radial strain
EP2335285 A1 20110622	US20090371943;WO2 009EP66922;	IBM;	H01L029/0006; H01L029/0786; H01L029/0078; H01L021/0336;	nanowire mesh device and method of fabricating same
US2011133061 A1 20110609	US20090633323;	ZENA TECHNOLOGIES INC;	H01L031/0232; H01L031/0009; H01L027/0146; G02B006/0002;	nanowire photo-detector grown on a back-side illuminated imagesensor
WO2011066818 A1 20110609	DE200910056530;	BAHR JOERG;CARSTENSENJUERGEN;FOE LL HELMUT;OSSEI-WUSU EMMANUEL;UNIV KIEL CHRISTIAN ALBRECHTS;	B82Y010/0000; B82Y040/0000; H01M010/0562; H01L029/0006;	nanowire structure having exposed, regularly arrangednanowire ends and method for producing such a structure
US2011089400 A1 20110421	SE20080000853;WO2 009SE50388;	QUNANO AB;	H01L033/0006;	nanowire wrap gate devices
US2011052671 A1 20110303	US20080024690P;US 20090863010;WO200 9US32534;	UNIV CALIFORNIA;	A61K009/0127; A61K039/0044; A61K009/0133; A61K009/0014;	near infra-red pulsed laser triggered drug release from hollownanoshell disrupted vesicles and vesosomes
WO2011006885 A1 20110120	FR20090054998;US2 0090226419P;	ANDREUCCI PHILIPPE;BRIANCEAU PIERRE;CALIFORNIA INST OF TECHN;COMMISSARIAT ENERGIE ATOMIQUE;DURAFFOURG LAURENT;HENTZ SEBASTIEN;MARCOUX CARINE;MINORET STEPHANE;MYERS EDWARD;ROUKES MICHAEL;	B81B003/0000; G01L001/0018;	nems comprising als alloy based transduction means

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DE102009029054 A1 20110303	DE200910029054;	EVONIK DEGUSSA GMBH;	C08J003/0009; B82B003/0000; H01L029/0786; C01B033/0000; H01L023/0052; B82B001/0000; H01L031/0352;	new nanoscale silicon particles that are functionalized bycovalently bonded organic groups, useful to produce or in electronic components e.g. a solar cell, sensor, thin film transistor and conducting path, and for producing dispersion
CN102065848 A 20110518	US20080046659P;WO 2009US41090;	3M INNOVATIVE PROPERTIES CO;	A61K009/0051; A61L015/0018;	nitric oxide-releasing compositions, devices and methods
US2011143472 A1 20110616	SE20070000102;US2 0080308249;US20100 941486;WO2008SE50 036;	QUNANO AB;	H01L031/0256; H01L031/0352;	nitride nanowires and method of producing such
US2011085939 A1 20110414	US20100892911;WO2 009US53628;	IMIPLEX LLC;	C12N009/0088; C07K014/0036; C07K014/0000; C07K019/0000; G03F007/0020; B05D003/0002; B05D003/0010; B05D003/0006; C12N009/0090; C07K014/0195; B05D001/0036; C12N009/0004; G01N033/0000; C12N009/0096; C12N009/0002; C12N009/0012;	node polypeptides for nanostructure assembly
EP2299482 A2 20110323	EP20040794293;US2 0030508272P;	MASSACHUSETTS INST TECHNOLOGY;	G11C013/0002; H01L021/0336; H01L029/0080; G11C016/0004; H01L029/0423;	non-volatile memory device
WO2011057844 A1 20110519	US20090615358;	COHEN GUY;FRANK DAVID JAMES;IBM;IBM UK;	B81B003/0000;	nonvolatile nano-electromechanical system device



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US2011049463 A1 20110303	JP20090198229;	TOSHIBA KK;	H01L021/0016; H01L045/0000;	nonvolatile memory device and method of fabricating the same
US2011129973 A1 20110602	US20030465797;US2 0060373127;US20111 3025018;	IBM;	H01L021/0020; H01L029/0423; H01L029/0788; H01L021/0028; H01L029/0792; H01L021/0336;	nonvolatile memory device using semiconductor nanocrystals and method of forming same
US2011028546 A1 20110203	IN2006MU00181;WO2 007IN00334;		A01N037/0002; A01P001/0000;	novel antimicrobial formulations incorporating alkyl esters of fatty acids and nanoemulsions thereof
CN102066941 A 20110518	KR20080042374;KR2 0090039472;WO2009 KR02399;	SEOUL NAT UNIV IND FOUNDATION;	G01N033/0058; G01N021/0065;	novel au / ag core-shell composite useful for biosensor
US2011142947 A1 20110616	US20090184903P;US 20090248127P;US201 00796273;		C07D303/0040; A61K009/0014; A61P009/0000; C08B037/0008; C08G063/0091; A61K031/0198; C07D303/0038;	novel formulations
WO2011006007 A1 20110113	US20090223944P;US 20090226153P;US200 90228250P;US200902 35574P;US200902498 04P;US20090263648 P;US20100294690P;	BRYCE DAVID;DORFMAN ADAM;GR INTELLECTUAL RESERVE LLC;LOCKETT ANTHONY;MERZLIAKOV MIKHAIL;MORTENSON MARK;PIERCE D KYLE;WILCOX REED;	A61K031/0028; A01N055/0002; C30B001/0000;	novel gold-based nanocrystals for medical treatments and electrochemical manufacturing processes therefor
US2011052698 A1 20110303	FR20080000570;WO2 009FR00120;	CENTRE NAT RECH SCIENT;UNIV ORLEANS;	A01N025/0000; A01P001/0000; A01N059/0016;	novel material with bacteriostatic properties
CN102083471 A 20110601	US20080042701;WO2 009EP52523;	GEN ELECTRIC;	A61K049/0018;	novel mixed ligand core/shell iron oxide nanoparticles for inflammation imaging

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US2011089944 A1 20110421	US20060793788P;US 20070732352;US2007 0904266P;	DANA FARBER CANCER INSTITUTE;	C07H021/0002; G01N024/0000; C12Q001/0068;	nucleic acid nanotube liquid crystals and use for nmr structure determination of membrane proteins
WO2011079290 A1 20110630	US20090290123P;	GILJOHANN DAVID A;MIRKIN CHAD A;UNIV NORTHWESTERN;	B82B001/0000; B82Y005/0000;	oligonucleotide specific uptake of nanoconjugates
CN101952195 A 20110119	US20080030562;WO2 009US32130;	MICRON TECHNOLOGY INC;	B81C001/0000;	one-dimensional arrays of block copolymer cylinders and applicationsthereof
CN102096156 A 20110615	CN20111001942;	UNIV NANJING;	G02B006/0027; B81C001/0000;	online light polarization controller based on optical fiber end facemetal wire grating and manufacturing method thereof
CN101939875 A 20110105	JP20080042660;WO2 009JP00754;	FUJIKURA LTD;	H01L031/0004; H01M014/0000;	opposing electrode and photoelectric conversion element using theopposing electrode
WO2011022677 A1 20110224	US20090235921P;	HELLER DANIEL A;KIM JONG- HO;MASSACHUSETTS INST TECHNOLOGY;STRANO MICHAEL S;ZHANG JINGQING;	G01N021/0064; G01N033/0543;	optical nanosensors comprising photoluminescentnanostructures
FR2950440 A1 20110325	FR20090056416;	COMMISSARIAT ENERGIE ATOMIQUE;	H04B010/0012; G02B006/0034; G02B006/0030;	optical device for bidirectional optical transmission line, hasgrating, where angle, dimensions and nature of grating and waveguide are such that polarizations of beams are respectively guided in waveguide in opposite directions
US2011002574 A1 20110106	US20070927304P;US 20080596709;WO200 8US05614;	MASSACHUSETTS INST TECHNOLOGY;	G02F001/0035; G02B006/0000; G02B006/0026;	optical devices having controlled nonlinearity
US2011043823 A1 20110224	DE200610039071;DE 200610039073;WO20 07EP07075;		G02B005/0028; B23P011/0000; G01B009/0002;	optical filter and method for the production of the same, and devicefor the examination of electromagnetic radiation
US2011075263 A1 20110331	US20090586971;	MASSACHUSETTS INST TECHNOLOGY;	G02B005/0022;	optical limiting using plasmonically enhancing nanoparticles
KR20110007111 A 20110121	EP20080003845;	SIGNALOMICS GMBH;	A61K049/0014; C07K014/0245; G01N033/0058;	optimized adhesin fragments and corresponding nanoparticles
CN102099918 A 20110615	SE20080001649;WO2 009SE50858;	QUNANO AB;	H01L031/0102; H01L033/0000; H01L031/0006; H01L029/0012;	optoelectronic semiconductor device

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			H01L029/0006;	
JP2011010549 A 20110120	JP20070280803;	UNIV TOKYO;	A61K048/0000; C12N015/0009; A61K047/0048; A61K047/0004;	organic-inorganic hybrid nano particle composed of nucleic acidconjugate having polyethylene glycol bound thereto and calcium phosphate
US2011017975 A1 20110127	US20060831710P;US 20070779638;US2010 0898162;	UNIV SOUTHERN CALIFORNIA;	H01L033/0004; H01L021/0028;	organic optoelectronic device electrodes with nanotubes
WO2011024043 A1 20110303	IN2009CH02052;US2 0090639403;	INDIAN INST OF TECHNOLOGY MADRAS;NAIRAPPUKUTTAN SREEKUMARAN;PRADEEP THALAPPIL;	C08G061/0000; A61K033/0038; B82B001/0000; B01J023/0048; B01J023/0038;	organic polymer-inorganic fine particle antimicrobial composites anduses thereof
WO2011041643 A2 20110407	US20090247819P;	ERANEZHUTH BABURAJ;KHABASHESKU VALERY;KRISHNAMOORTI RAMANAN;UNIV HOUSTON SYSTEM;	B82B003/0000; C08J007/0004; C08K003/0000; C08L075/0002; C08K009/0004;	organoclay-polyurea nanocomposites
US2011091373 A1 20110421	US20090279522P;US 20100909573;	HEALTH RESEARCH INC;UNIV NEW YORK STATE RES FOUND;UNIVMICHIGAN;	A61K051/0000; A61K049/0000; C07D487/0022; A61K049/0006;	paa nanoparticles for enhancement of tumor imaging
US2011020539 A1 20110127	US20090158187P;US 20090234270P;US201 00719759;	PURDUE RESEARCH FOUNDATION;	B05D003/0010; H05H001/0024; C23C016/0002;	palladium thiolate bonding of carbon nanotubes
US2011097277 A1 20110428	US20050711613P;US 20080020998;US2009 0259081P;US2010094 1938;WO2006US2989 88;	UNIV WASHINGTON;	C08F008/0000; A61K009/0050; A61K049/0018;	particles coated with zwitterionic polymers

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US2011091389 A1 20110421	US20090580940;		B22F001/0002; B32B038/0000; B32B015/0002; A61K049/0000; A61K049/0004;	particles with radiation activated adhesive
US2011044933 A1 20110224	EP20080153931;WO2 009EP02131;	BAYER MATERIALSCIENCE AG;	A61K008/0088; C08G071/0002; C08L075/0002;	particles, obtained by drying an aqueous nanourea dispersion
ES2354061T T3 20110309	US20010841853;	RESEARCH FRONTIERS INC;	G02F001/0007; G02F001/0019; G02F001/0003; G02F001/0017;	particulas metalicas con forma anisometrica, suspensiones liquidas ypeliculas de las mismas y valvulas luminosas que las comprenden.
ES2357477T T3 20110426	NO20050003373;	RIKSHOSPITALET HF;	G01N033/0533; G01N033/0543; G01N033/0058; G01N033/0050;	particulas multicolor.
CN102076748 A 20110525	DE200810021006;WO 2009EP02217;	BYK CHEMIE GMBH;	C08K003/0000; C09C001/0000;	particulate wax composites and method for the production thereof andthe use thereof
US2011038787 A1 20110217	US20090223232P;US 20100831008;	TECHNOLOGY TRANSFER OFFICE UNIVERSITY OF MANITOBA;	D01F009/0012;	partition and transportation of encapsulated atoms
JP2011100737 A 20110519	US20000213002P;US 20000213159P;US200 10287930P;	DU PONT;	H01J021/0010; H01J001/0304; H01J063/0006; H01J009/0002; H01J019/0024;	paste for manufacturing electron field emitter, and usage thereof
US2011097543 A1 20110428	US20090170105P;US 20100762990;		B05D003/0014; B32B003/0030; B32B005/0016;	pattern processes and devices thereof
US2011001118 A1 20110106	US20080030762P;US 20090918842;WO200 9SG00064;		B32B038/0010; B05D001/0032; B05D003/0006; H01L029/0775; B05D003/0010; B05D005/0000;	patterning of nanostructures

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US2011081526 A1 20110407	US20010341614P;US 20020320721;US2007 0847263;US20100898 416;	UNIV NORTHWESTERN;	B32B003/0010; B05D005/0012; G03F007/0000;	patterning of solid state features by direct writtenanolithographic printing
WO2011013038 A2 20110203	EP20090166955;	GRUELL HOLGER;KONINKL PHILIPS ELECTRONICS NV;LAMERICH S RUDOLF MATHIAS JOHANNES NICOLAAS;YILDIRIM MUHAMMED;	A61K049/0010; A61K049/0018;	perfluoro compounds for use in imaging
CN101960364 A 20110126	US20070009415P;WO 2008US13076;	DOW GLOBAL TECHNOLOGIES INC;	G02B005/0030; G02F001/13363; G02F001/1334;	phase compensation film comprising polymer nanoparticles imbibedwith liquid crystal material
US2011088453 A1 20110421	FR20090057377;	COMMISSARIAT ENERGIE ATOMIQUE;	C23F001/0000; G01N021/0017;	photoacoustic gas detector
US2011012096 A1 20110120	US20080064168P;US 20090918352;WO200 9IL00196;	OHIO UNIVERSITY OFFICES OF INNOVATION CT AND T;UNIV RAMOT;	C07K014/0195; H01L051/0048; H01L051/0046; C07K014/0415;	photoactive nanostructure and method of manufacturing same
CN101941672 A 20110112	CN20101245554;	UNIV TONGJI;	B01J019/0012; B81C001/0000;	photocatalysis technolog based method for preparing semiconductor nano and metal nano microelectrode array
US2011094582 A1 20110428	US20080075947P;US 20090994821;WO200 9IL00641;	YISSUM RES DEV CO;	H01L029/0015; H01L021/0020; H01L031/0352;	photochemical electrode, construction and uses thereof
US2011095266 A1 20110428	DE200810029782;WO 2009EP57864;		H01L031/0256;	photodetector and method for the production thereof
US2011136289 A1 20110609	KR20040091898;US2 0050102930;US20090 404693;US201113028 765;	SAMSUNG ELECTRONICS CO LTD;	H01L031/0384; H01L031/0272; H01L031/0296;	photodetector using nanoparticles
WO2011010305 A2 20110127	US20090227472P;	BANIN URI;CHESHNOVSKY ORI;HANEIN Yael;SERNAGOR EVELYNE;UNIV RAMOT;YISSUM RES DEV CO;YITZCHAIK SHLOMO;	A61N001/0000; A61N001/0036; H01L051/0044;	photoelectrical devices for stimulating neurons

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US2011090437 A1 20110421	KR20090099188;		H01L031/0352; G02B005/0023; H01L031/0232;	photonic sensor, method of manufacturing same, color filter substrate having same, and display device having the color filter substrate
JP2011046951 A 20110310	KR20030073338;	SAMSUNG ELECTRONICS CO LTD;	B82B001/0000; G03F007/0031; C09K011/0062; H01L021/0036; H01L021/0020; C09K011/0088; G03F007/0004; H01L021/0027; C01B019/0000; C09K011/0008; C09K011/0056; H01L031/0036; H01L051/0046; H01L033/0000; H05B033/0010; C09K011/0089; G03F007/0027; H05B033/0014; G03F007/0000; H01L035/0024; H01L051/0000; C01G011/0002;	photosensitive semiconductor nanocrystal, photosensitive composition for forming semiconductor nanocrystal pattern, and method for forming pattern using the same
EP2269229 A2 20110105	EP20080103442;EP20090730098;WO2009EP54233;	FOM INST FOR ATOMIC AND MOLECULAR PHYSICS;	H01L031/0052; H01L031/0224;	photovoltaic cell with surface plasmon resonance generating nano-structures
CN101960611 A 20110126	US20080039900;US20080039953;WO2009EP51541;	IBM;	H01L031/0072; H01L031/0052; H01L031/0352; H01L031/0018;	photovoltaic devices with high-aspect-ratio nanostructures
KR20110049824 A 20110512	JP20090105174;JP20090105175;JP20090204633;JP20090246485;	DAINIPPON INK & CHEMICALS;	B82B003/0000; C09B047/0004; B82B001/0000; C09B047/0024;	phthalocyanine nanowires, ink composition and electronic element each containing same, and method for producing phthalocyanine nanowires

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US2011014255 A1 20110120	FR20060011359;WO2 007FR64420;		A01N043/0653; A01N025/0000;	phytosanitary formulation generating nanoparticles, method for preparing nanoparticles and use thereof
US2011101315 A1 20110505	KR20090104648;	SAMSUNG ELECTRONICS CO LTD;	H01L021/0002; H01L051/0000;	piezoelectric nanowire structure and electronic device including the same
US2011112234 A1 20110512	EP20080158889;WO2 009EP57130;	BASF SE;	C08K003/0004; C09C001/0044;	pigment mixtures
US2011133167 A1 20110609	US20090631342;	IBM;	H01L021/0336; H01L029/0786; H01L029/0066;	planar and nanowire field effect transistors
CN101955774 A 20110126	US20080121287P;	AGENCY SCIENCE TECH & RES;	A01G007/0006; C09K011/0060; A41G001/0000; C09K011/0088;	plants coloured with nanocrystals
US2011021687 A1 20110127	EP20080152904;WO2 009EP53166;	BASF SE;	C08K003/0040; C08K003/0036;	polyamide nanocomposites with hyper-branched polyethyleneimines
CN101977997 A 20110216	FR20080001593;WO2 009EP53377;	RHODIA OPERATIONS;	C08K007/0000; C08J005/0000; C08K003/0034; C08L061/0006; C08L077/0000; C08L077/0006;	polyamide composition
US2011039089 A1 20110217	FR20050004231;US2 0050754888P;US2006 0910747;WO2006FR0 0821;	TOYOTA MOTOR CO LTD;	C08J009/0000; B32B003/0026;	polymer-based cellular structure comprising carbon nanotubes, method for its production and uses thereof
US2011014473 A1 20110120	WO2007US02536;		B32B027/0000; C07K002/0000; B05D003/0000;	polymer-coated nanoparticles
US2011118492 A1 20110519	US20030518406P;US 20040982708;US2009 0567466;US20100941 730;	UNIV CALIFORNIA;	C07F007/0018; C01B039/0024;	polymer-zeolite nanocomposite membranes for proton-exchange-membrane fuel cells

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EP2285888 A1 20110223	IT2008SA00014;WO2009IT00261;	UNIV DEGLI STUDI SALERNO;	H01L035/0026; C08L063/0000; C08K007/0026; C08K007/0024;	polymer and carbon nanotubes composite materials as low-costtemperature sensors
CN101970550 A 20110209	EP20070301580;WO2008CA02052;	CENTRE NAT RECH SCIENT;ECOLE NALE SUP ARTES METIERS;NANOLEDGE INC;	C08J005/0004; C08K003/0004; C09C001/0044; C08K007/0024; C08L057/0000; C08F292/0000;	polymer carbon nanotube composites
US2011059017 A1 20110310	US20060758873P;US20070622915;US20100758599;	BECTON DICKINSON CO;	A61K049/0000;	polymer coated sers nanotag
US2011118533 A1 20110519	AU20080902430;WO2009AU00618;	UNIV SYDNEY;	A61K009/0014; A61N002/0000; A01N025/0008;	polymer microgel beads and preparative method thereof
US2011134617 A1 20110609	DE200810048459;DE200810061051;DE200910011538;EP20080162124;WO2009EP05757;	PP MID GMBH;	H05K003/0000; B32B027/0018; B32B007/0012; H05K007/0000; B32B005/0016;	polymer molded bodies and printed circuit board arrangement and methodfor the production thereof
EP2272098 A2 20110112	US20080049594P;US20080110220P;US20090351378;WO2009US41816;	UNIV MICHIGAN;	H01L031/0042; H01L031/0101;	polymer wrapped carbon nanotube near-infrared photovoltaicdevices
EP2298849 A1 20110323	EP20090007220;	SONY CORP;	C09K011/0002; C09K011/0006; F21K002/0000; H01S003/0016; H01L051/0044;	polymeric nanoparticles comprising a medium for photonup-conversion
US2011042325 A1 20110224	US20080034808P;US20090153861P;US20090921316;WO2009US36370;	NDSU RES FOUNDATION;	B01J020/0026; C12N011/0008; C02F001/0068;	polymeric delivery vehicle for nanoparticles



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EP2305747 A1 20110406	ES20080002035;WO2 009ES70277;	NANOBIOMATTERS S L;	C08K003/0034; C08J005/0000; C01B033/0044; C08K009/0006; C08K007/0026;	polymeric matrix nanocomposite materials having improved mechanical and barrier properties and procedure for preparing same
EP2278363 A2 20110126	EP20050789350;US2 0040870366;US20040 938006;US200409391 84;US20050078145;	3M INNOVATIVE PROPERTIES CO;	G02B005/0012; G02B005/0004; G02B006/0000;	polymerizable compositions comprising nanoparticles
WO2011028847 A1 20110310	US20090238930P;	DANIEL WESTON L;DHAR SHANTA;GILJOHANN DAVID A;LIPPARD STEPHEN J;MASSACHUSETTS INST TECHNOLOGY;MIRKINCHAD A;UNIV NORTHWESTERN;	A61K048/0000; A61K009/0014;	polyvalent polynucleotide nanoparticle conjugates as delivery vehicles for a chemotherapeutic agent
US2011133153 A1 20110609	KR20090121410;	SAMSUNG ELECTRONICS CO LTD;	H01L029/0006; H01L021/0002;	porous nanostructure and method of manufacturing the same
CN102066244 A 20110518	JP20080163688;WO2 009JP61308;	TOKUYAMA CORP;	C01B003/0000; C01B031/0002; B01J020/0020;	porous carbon material and process for production thereof
US2011039690 A1 20110217	US20040541463P;US 20040941746;US2006 0331445;US20060511 886;	NANOSYS INC;	B01J023/0042; H01B001/0002; H01B001/0004; B01J021/0018; C09K003/0000; C22C005/0002; C23C016/0024; C23C016/0040; B01J023/0052;	porous substrates, articles, systems and compositions comprising nanofibers and methods of their use and production

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CN102054527 A 20110511	US20040578236P;US 20040632570P;	NANOSYS INC;	C09D001/0000; G11C013/0000; H01G004/0014; B82B001/0000; B31B015/0002; B82Y010/0000;	post-deposition encapsulation of nanostructures: compositions, devices and systems incorporating same
CN102086018 A 20110608	CN20091242002;	CHINESE ACAD INST ELECTRONICS;	B81C001/0000;	preparation method for cone-shaped micro-pool array stereo-structure electrode
CN102070120 A 20110525	CN20101617889;	UNIV SOUTHEAST;	B81C001/0000;	preparation method for high-density interposer for microelectronics system-in-package
CN102108123 A 20110629	CN20091200655;	SHANGHAI GENIUS ADVANCED MAT;	A01N033/0012; C08K009/0004; C08K003/0004; A01P001/0000; C08G069/0018; H01B001/0024;	preparation method of nano cast nylon-6/graphite oxide (go) conductive and bacteriostatic composite material
CN101933525 A 20110105	CN20091088315;	INST PROCESS ENG CAS;	A01N059/0020; B01J023/0078; A01P001/0000; B01J037/0003; A01N059/0000; B01J037/0008; B01J037/0002; B01J023/0843;	preparation method of nanometer $\text{Cu}_2\text{O}$ - $\text{CuO}$ /sr3bio5.4 composite visible light sterilization catalyst
CN101935010 A 20110105	CN20101274741;	UNIV SHANGHAI JIAOTONG;	B81C001/0000;	preparation method of carbon nano tube nanotube type gas-sensitive sensor based on polyimide flexible substrate
CN101947452 A 20110119	CN20101293788;	UNIV GUILIN TECH GUT;	B81B003/0000; B01J023/0076; C02F001/0032; B01J037/0034;	preparation method of $\text{Co}/\text{TiO}_2$ nanotube array and application thereof in degradation of sugar wastewater
CN101947453 A 20110119	CN20101293816;	UNIV GUILIN TECH GUT;	C02F001/0032; B01J023/0076; B01J037/0034; B81B003/0000;	preparation method of $\text{Fe}/\text{TiO}_2$ nano tube array and application thereof to degradation of sugar waste water

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CN101935857 A 20110105	CN20101270552;	UNIV SOUTH CHINA TECH;	C10M133/0040; C25D009/0002; B81C001/0000;	preparation method of friction-reduction anti-adhesion nanoorganic film based on micro device
US2011127167 A1 20110602	US20050749639P;US 20050750335P;US200 60097360;US2006079 4853P;WO2006US473 49;	UNIV NEVADA RENO;	C23C028/0000; C25B011/0004; C25B001/0002;	preparation of nano-tubular titania substrates having gold and carbon particles deposited thereon and their use in photo-electrolysis of water
US2011070443 A1 20110324	GB20040009877;US2 0060579050;US20100 854611;WO2005GB01 611;	NANOCO TECHNOLOGIES LTD;	B82B003/0000; C30B007/0014; C30B007/0000; C01B019/0000; C30B029/0060; C01B007/0000; C30B029/0048;	preparation of nanoparticle materials
US2011014472 A1 20110120	US20090182798P;US 20100790926;		B32B005/0016; B05D007/0000;	preparation of silica stabilized biological templates for the production of metal and layered nanoparticles
US2011079770 A1 20110407	US20050739666P;US 20060775060P;US200 80094960;US2010088 1778;WO2006US4538 8;	UNIV RICE WILLIAM M;	H01L029/0076;	preparation of thin film transistors (tfts) or radio frequency identification (rfid) tags or other printable electronics using ink-jet printer and carbon nanotube inks
CN102060263 A 20110518	CN20101593529;	UNIV DONGHUA;	B81C001/0000;	preparation of zno/ zns/ ag nano-rod array in microchannel
KR20110018498 A 20110224	KR20090075989;	KOREA ELECTRIC POWER CORP;	B82B003/0000; C10M125/0004;	preparation method of lubricating oil and lubricating oil produced thereby
US2011045042 A1 20110224	JP20080174294;JP20 080252438;WO2009J P61896;	NISSHINBO HOLDINGS INC;	B32B005/0002; A61Q019/0000; B65D081/0024; A61K008/0002;	preservative material and storage method for liquid
US2011027947 A1 20110203	US20060644055;US2 0100901365;	PALO ALTO RES CT INC;	H01L021/0084;	printing method for high performance electronic devices
US2011045607 A1 20110224	US20090545093;	UNIV NAT TAIWAN;	G01N033/0553;	probe composite, method for manufacturing the same, method for using the same, and contrast agent including the same

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ES2355398T T3 20110325	US20040783060;	UNIV WAYNE STATE;	C09C001/0000; C09C003/0012; C09C001/0042; C09C001/0028; C09C003/0010;	procedimiento de deslaminacion de particulas agregadas con un agente de recubrimiento en un fluido supercritico.
ES2361247T T3 20110615	DE20021054567;	CT FUER ANGEWANDTE NANOTECHNOLOGIE CAN GMBH;	C01F011/0046; C09C001/0002; C01F005/0040;	procedimiento para la preparacion de nanoparticulas de sulfatoalcalinoterreo.
ES2358382T T3 20110510	DE200710040927;	BAYER MATERIALSCIENCE AG;	C08J005/0000; C08L069/0000;	procedimiento para la preparacion de composiciones de policarbonatomodificadas respecto a la resistencia cargadas.
AR075706 A1 20110420	EP20090153958;	BASF SE;	B01J021/0018; B01J037/0008; C01B031/0002;	proceso para la produccion de nanofibras y/o nanotubos de carbono y catalizador
AR075961 A1 20110511	EP20090156703;US2 0090212073P;	OMYA DEVELOPMENT AG;	D21B001/0030; C08J003/0000; C08J003/0075; D01F002/0002; C08J005/0000; D21B001/0004; D21C009/0000;	proceso para la produccion de geles de celulosa nanofibrilargeles producidos y usos de los mismos
US2011008240 A1 20110113	JP20080043304;WO2 009JP53265;	UNIV SHIZUOKA NAT UNIV CORP;	D01F009/0012; C09K003/0000;	process and apparatus for producing carbon nanotube, carbonnanotube fiber, and the like
TW201108311 A 20110301	EP20090007503;	MERCK PATENT GMBH;	H01L021/0028;	process for aligning nanoparticles
EP2277045 A2 20110126	US20080044573P;US 20080141082P;WO20 09US40552;	BANDGAP ENGINEERING INC;	G01N033/0053;	process for fabricating nanowire arrays
EP2298693 A1 20110323	FR20090056426;	COMMISSARIAT ENERGIE ATOMIQUE;	B82Y015/0000; B81B005/0000; B82Y030/0000;	process for forming an electromechanical component for a micro- or nano-system having a rod which forms the rotation axis of the component, the rod being covered with graphene
US2011064603 A1 20110317	IE20070000931;IE200 80000804;US2008013 6808P;US2008073510 0;WO2008IE00124;		B22F009/0024; C22C005/0006;	process for preparing nanoparticles

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WO2011054787 A1 20110512	EP20090175371;	BASF SE;BREZESINSKI TORSTEN;HAETGE JAN;ROEGER- GOEPFERT CORNELIA;SALLARD SEBASTIEN;SEEBER ALEXANDRA;SMARSLY BERND;TRAUT ALEXANDER;WEIDMANN CHRISTOPH;ZIEBA ROMAN;	C08L087/0000; C08J003/0020;	process for preparing mesoporous materials
CN101972046 A 20110216	CN20101513145;	CHANGSHU HENGMAO TRADE CO LTD;	A01N065/0024; D06M013/0127; A01N065/0008; A41D031/0000; A01N065/0028; A01P001/0000; D06B003/0004; A01N065/0048; D02G003/0012; A01N037/0040; A01P017/0000; D06M013/0224; A41D013/0000;	process for preparing mosquito-dispelling clothes
CN101952372 A 20110119	US20070015990P;US 20070016048P;WO20 08US86932;	3M INNOVATIVE PROPERTIES CO;	C01G009/0002; C09C001/0004; C09C003/0008;	process for producing nanoparticles
EP2315627 A1 20110504	EP20080162455;EP20 090781680;WO2009E P60354;	BASF SE;	B01J002/0004; C09B067/0000; B01D007/0002;	process for producing nanoscale organic solid particles
EP2301992 A1 20110330	WO2008JP62486;	MEFS KABUSHIKI KAISHA;NISSIN KOGYO KK;	C01B031/0002; C08J005/0004; D01F009/0127;	process for producing carbon nanofiber, carbon nanofiber,process for producing carbon fiber composite material from carbon nanofiber, and carbon fiber composite material
KR20110027715 A 20110316	JP20080170445;	SHOWA DENKO KK;	C01B031/0002; B01J008/0018; B82B003/0000;	process for producing carbon nanomaterial and system forproducing carbon nanomaterial
US2011123429 A1 20110526	FR20070002581;US2 0080062687;US20111 3017601;		C10J001/0213; D01F009/0012;	process for producing carbon nanotubes from renewable rawmaterials

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TW201107238 A 20110301	DE200910019747;	BAYER TECHNOLOGY SERVICES GMBH;	C25B011/0012; H01M004/0096; B01J021/0018; C01B031/0004;	process for producing carbon materials having nitrogen modificationstarting from carbon nanotubes
HK1083791 A1 20110304	JP20020224440;JP20030034874;WO2003JP09782;	DAIKEN CHEMICAL CO LTD;OSAKA MUNICIPAL TECHNICAL RES;	B22F009/0024; B22F009/0020; B22F001/0000;	process for producing metal nanoparticle
CN101945750 A 20110112	JP20080052612;WO2009JP00062;	DAICEL CHEM;	B29C059/0002; H01L021/0027; G11B005/0084; G11B007/0026;	process for production of nanostructures
SG169994 A1 20110429	DE200610007147;	BAYER MATERIALSCIENCE AG;		process for the continuous production of catalysts
CN102066245 A 20110518	AU20070905796;WO2008AU01543;	UNIV WOLLONGONG;	C01B031/0002; B82B003/0000; B82B001/0000; C01B031/0004; C01B031/0000;	process for the preparation of graphene
KR20110043754 A 20110427	EP20080162286;	BASF SE;	C01G009/0002; A61K008/0027; C08K003/0022; C09C001/0004;	process for the preparation of nanoparticulate zinc oxide
US2011031447 A1 20110210	EP20070116339;WO2008EP61040;		H01B001/0004; H01B001/0012;	process for the preparation of a conductive polymer composition
CN101952202 A 20110119	WO2008IT00082;	DAUNIA WIND SRL;	C01G023/0053;	process for the preparation of titanium dioxide with nanometricdimensions and controlled shape
MY143055 A 20110228	MYPI20070012;	TAI KWONG YOKOHAMA BATTERY IND SDN BHD;		process for the production of nano lead oxides
EP2301051 A1 20110330	IT2008TO00462;WO2009IB52502;	TORINO POLITECNICO;	H01F010/0032; H01F041/0016;	process for the production of macroscopic nanostructuredpermanent magnets with high density of magnetic energy and corresponding magnets
WO2011008511 A1 20110120	US20090221139P;	BARNEY NATHANIEL A;DU PONT;MOLITOR MICHAEL JOSEPH;WEINBERG MARK GARY;	C08J005/0000; C08K003/0034;	process for the production of polyester nanocomposites andshaped articles made thereof

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EP2313458 A1 20110427	US20080081909P;WO 2009US50829;	DOW GLOBAL TECHNOLOGIES LLC;	C08J003/0020;	process of making polymer nanocomposites
BRPI0614682 A2 20110412	US20050200669;US2 0050201352;US20050 201355;WO2006US31 081;	DIRECTA PLUS PATENT & TECHNOLOGY LTD;	B01J023/0000;	processo e aparato para a produção de materiais de catalisador construído
BRPI0614681 A2 20110412	US20050200965;US2 0050200966;US20050 200985;WO2006US31 082;	DIRECTA PLUS PATENT & TECHNOLOGY LTD;	B01J023/0000;	processo e aparelho para produção de materiais de suporte revestidos de catalisador
BRPI0613344 A2 20110104	NO20050006149;US2 0050690863P;WO200 6NO00229;	SINVENT AS;	H05H001/0050; C01B031/0002; B08B003/0000;	processo para produzir nanotubos de carbono e reator para produzir nanotubos de carbono
BRPI0614679 A2 20110412	US20050200668;US2 0050201353;WO2006 US31080;	DIRECTA PLUS PATENT & TECHNOLOGY LTD;	B01J019/0000; B01J037/0002; B22F009/0000;	produção contínua de nanopartículas metálicas
EP2287373 A1 20110223	EP20030775926;JP20 030030096;	MITSUBISHI HEAVY IND LTD;	C01B031/0002; D01F009/0127; D01F009/0133;	producing method of carbon nanofibers
WO2011007097 A1 20110120	FR20090054861;	DIOUM SERIGNE;	C02F001/0028; C02F009/0000;	product for removing pollutants from a fluid, and method for producing same
US2011033972 A1 20110210	US20060514483;US2 0100908338;	LUCENT TECHNOLOGIES INC;	H01L051/0040;	programmable polyelectrolyte electrical switches
SG170094 A1 20110429	US20060780833P;US 20060798337P;US200 60808153P;US200708 89363P;	STC UNM;		pulsed growth of group III nitride nanowires and applications in group III nitride semiconductor substrate materials and devices

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HK1097793 A1 20110114	US20030452530P;US 20030468109P;US200 30499375P;WO2004U S06811;	SELDON TECHNOLOGIES LLC;	B01D053/0022; C12H001/0052; C12H001/0044; C02F001/0044; B01J020/0020; B01D069/0014; A61L002/0000; B01D015/0000; A61L002/0023; B01D071/0002;	purification of fluids with nanomaterials
US2011045272 A1 20110224	US20090274974P;US 20100862664;	CAMBRIOS TECHNOLOGIES CORP;	C09D011/0000; B32B005/0002; C22B003/0000;	purification of metal nanostructures for improved haze intransparent conductors made from the same
US2011158595 A1 20110630	FR20080050650;WO2 009FR50115;	ALCATEL LUCENT;	H01S003/0067; G02B006/0002;	rare-earth-doped fiber optic waveguide and optical device comprising it
US2011108270 A1 20110512	US20040570601P;US 20050125465;US2006 0845916P;US2007067 9018;US20070849820 ;US20070931501;US2 0070931706;US20080 111361;US200801801 11;US20090288761P; US20100766364;US2 0100971557;	BAKER HUGHES INC;	E21B043/0002;	re-use of surfactant-containing fluids
US2011033366 A1 20110210	US20040025717;US2 0040887695;US20050 173419;US200709319 01;US20100906789;		D01F009/0012; C01B031/0004; C01B031/0002;	reactant liquid system for facilitating the production of carbonnanosstructures
EP2268738 A1 20110105	DE200810020135;WO 2009EP02663;	BAYER MATERIALSCIENCE AG;	C08L067/0000;	reaction resin based on an unsaturated polyester, vinyl compounds andhydrocarbon nanotubes that can be cured radically
CN101939093 A 20110105	GB20080003378;WO2 009EP51539;	CT FUER ANGEWANDTE NANOTECHNOL;	B01J019/0024;	reactor for the manufacture of nanoparticles



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CN101952697 A 20110119	US20070984859P;WO 2008US82266;	UNIV CALIFORNIA;	G01J003/0044;	real-time, single-step bioassay using nanoplasmonic resonatorwith ultra-high sensitivity
EP2321854 A2 20110518	US20080129878P;WO 2009IL00722;	UNIV RAMOT;	H01L051/0005; H01L029/0006; H01L027/0028; H01Q009/0028; H01L051/0000; H01L031/0352; H01L029/0086; H01Q001/0024; H01L031/0232;	rectifying antenna device with nanostructure diode
US7893177 B1 20110222	US20020404442P;US 20050061364;US2007 0930885;WO2003US2 6079;	UNIV IOWA RES FOUND;	G01N033/0547; C08F030/0004;	redox polymer nanoparticles
WO2011009025 A1 20110120	US20090271109P;US 20100835503;	BOGOVIC CALIANN N;EXXONMOBIL RES & ENG CO;HABEEB JACOB J;	C10M149/0012; C10M145/0022;	reduced friction lubricating oils containing functionalized carbonnanomaterials
EP2275094 A2 20110119	EP19960932321;US1 9950004488P;US1996 0696754;	ELAN PHARMA INT LTD;	A61K009/0127; A61K047/0030; A61K049/0018; A61K009/0016; A61K045/0006; A61K049/0004; A61K009/0014; A61K009/0050;	reduction of intravenously administered nanoparticulate-formulation-induced adverse physiological reactions
WO2011068682 A1 20110609	US20090266323P;	DAVIS JAMES LYNN;GUPTA VIJAY;LAMVIK MICHAEL KASPER;MILLS KARMANN;RES TRIANGLE INST;WALLS HOWARD J;	B32B005/0002;	reflective nanofiber lighting devices
US2011024159 A1 20110203	US20090175745P;US 20100773734;US2010 0908730;	CAMBRIOS TECHNOLOGIES CORP;	C09D011/0000; H01B005/0000;	reliable and durable conductive films comprising metalnanostructures

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US2011081770 A1 20110407	US20040610669P;US 20040611055P;US200 40617628P;US200501 62548;US2006046705 8;	ETAMOTA CORP;	H01L051/0040;	removing undesirable nanotubes during nanotube device fabrication
US2011152435 A1 20110623	JP20080244598;WO2 009JP66860;	TOYOTA CHUO KENKYUSHO KK;	C08L063/0000;	resin composition
PT104692 A 20110131	PT20090104692;	UNIV DO MINHO;UNIV NOVA DE LISBOA;	B01J021/0006;	revestimento fotocatalítico para libertação controlada de agentes voláteis
US2011091723 A1 20110421	US20070977685P;US 20080245978;US2009 0264967P;US2010095 4800;	NAVAL RES LAB;	C01G055/0000; B32B009/0004; B05D003/0002; C09D007/0000; B32B005/0000;	ruo2 coatings
US2011134691 A1 20110609	US20050210363;US2 0080338413;US20111 3027573;	MICRON TECHNOLOGY INC;	H01L021/0336; G11C011/0034;	scalable multi-function and multi-level nano-crystal non-volatile memory device
EP2311922 A1 20110420	JP20080181871;JP20 080181872;WO2009J P62619;	KITZ CORP;NISSIN KOGYO KK;	D06M011/0034; D01F009/0127; F16J015/0010; C09K003/0010; C01B031/0000;	sealing member for piping material having excellent chlorine resistance, method for producing sealing member for piping material having excellent chlorine resistance, sealing member for piping material having excellent oil resistance, and piping material
WO2011058238 A1 20110519	FR20090005392;	COMMISSARIAT ENERGIE ATOMIQUE;DIJON JEAN;JOYEUX XAVIER;PINSON JEAN;	H01L021/0768; C25D013/0004;	selective nanoparticle deposition
WO2011017016 A1 20110210	US20090511634;	GRADECAK SILVIJA;LIM SUNG KEUN;MASSACHUSETTS INST TECHNOLOGY;TSENGCHUN-HAO;	B22F001/0000; B22F009/0024; B81C001/0000;	selective deposition of nanoparticle on semiconductor substrate using electron beam lithography and galvanic reaction
US2011092078 A1 20110421	US20080104028;US2 0100974225;	INNOVALIGHT INC;	H01L021/0312;	selective functionalization of doped group iv nanoparticles surfaces using lewis acid/lewis base interaction
DE102009008772 A1 20110127	DE200910008772;	HOCHSCHULE FURTWANGEN UNIVERSITY;	B81C003/0000; H01L023/0014; B82B001/0000; B81B001/0000; H01L021/0058;	self-adjusting bonding method for positioning, fixing, contacting of chip on silicon surface, involves nano-structuring surface area of chip or chip carrier, where surface areas of needle are auxiliary nano-porous

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US2011133165 A1 20110609	US20090631213;	IBM;	H01L029/0076; H01L021/0336;	self-aligned contacts for nanowire field effect transistors
US2011006281 A1 20110113	KR20090062149;KR2 0100055436;	SAMSUNG ELECTRONICS CO LTD;	H01L029/0012; H01L033/0004; H01B001/0012;	semiconductor nanocrystal and preparation method thereof
US2011012061 A1 20110120	US20020402726P;US 20030638546;US2008 0213001;US20100888 161;	MASSACHUSETTS INST TECHNOLOGY;	C30B033/0000; H01L029/0225; H01L029/0165; H01L021/0208; D02G003/0000; C09K011/0088; H01L029/0205; C30B029/0060; H01L021/0020; H01L029/0267; H01L029/0006; C09K011/0054; C30B007/0000; H01L021/0368;	semiconductor nanocrystal heterostructures
EP2287614 A1 20110223	EP20000915944;EP20 090014899;US199902 59982;	UNIV CALIFORNIA;	G01N033/0533; G01N033/0058; C12Q001/0068; G01N021/0064; G01N033/0542;	semiconductor nanocrystal probes for biological applications
US2011012087 A1 20110120	US20080022885P;US 20090864488;WO200 9US00406;		H01L033/0004; H01L033/0016;	semiconductor nanocrystals
WO2011041762 A2 20110407	US20090248178P;	FONG HAO;GALPEAU DAVID;JOSHI PRAKASH;QIAO QIQUAN;UNIV SOUTH DAKOTA;ZHANG LIFENG;	H01L031/0042; H01L031/0224;	semiconductor nanoparticle/nanofiber composite electrodes
US2011156133 A1 20110630	US20070622358;US2 01113041754;	IBM;	H01L029/0078;	semiconductor nanostructures, semiconductor devices, and methods of making same
US2011100411 A1 20110505	US20070745156;US2 0110986277;	WISCONSIN ALUMNI RES FOUND;	H01L029/0006; H01L035/0014; H01L021/0004;	semiconductor nanowire thermoelectric materials and devices, and processes for producing same

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US2011104860 A1 20110505	US20090417819;US2 01113004340;	IBM;	H01L029/0006;	semiconductor nanowire with built-in stress
US2011084271 A1 20110414	JP20090236780;	SEMICONDUCTOR ENERGY LAB;	H01L033/0008; H01L029/0012;	semiconductor device and manufacturing method thereof
US2011101344 A1 20110505	WO2008GB02471;	CAMBRIDGE ENTPR LTD;PANASONIC CORP;	H01L021/0004; H01L029/0004;	semiconductor material
US2011001175 A1 20110106	KR20090060572;	HYNIX SEMICONDUCTOR INC;	H01L027/0105; H01L021/8239;	semiconductor memory device and fabrication method thereof
US2011021016 A1 20110127	US20070898750;US2 0100923590;WO2005 JP04765;	FUJITSU LTD;	H01L021/0060;	semiconductor package and method of manufacturing the same
TW201100796 A 20110101	TW20090120307;	UNIV NAT CHIAO TUNG;	G01N033/0050;	sensing element integrating silicon nanowire gated-diodes,manufacturing method and detecting system thereof
US7880318 B1 20110201	US20070741242;	HEWLETT PACKARD DEVELOPMENT CO;	H01L029/0221; H01L023/0058; H01L033/0000; H01L021/0000;	sensing system and method of making the same
EP2271939 A1 20110112	US20080071035P;WO 2009US39951;	BECTON DICKINSON CO;	G01N033/0558;	sensitive immunoassays using coated nanoparticles
US2011147802 A1 20110623	US20090645959;	NOKIA CORP;	H01L021/0768; H01L029/0078;	sensor
US2011107472 A1 20110505	CN20091209434;	UNIV BEIJING TECHNOLOGY;	G01Q070/0002; G01Q070/0016;	sensor for quantitative measurement of electromechanical propertiesand microstructure of nano-materials and method for making the same
WO2011038470 A1 20110407	BG20090110480;	AMG TECHNOLOGY LTD;STAVROV VLADIMIR;	G01Q060/0038; G01Q010/0006; G01Q070/0012; G01Q070/0010;	sensors for scanning probe microscopy, method for three-dimensional measurement and method for manufacturing such sensors
US2011011773 A1 20110120	US20070004009P;US 20080743912;WO200 8US12980;		B82B003/0000; B03B001/0004; B07B013/0000;	separation of nanostructures
US2011038786 A1 20110217	US20050658502P;US 20060368581;US2010 0652292;	UNIV NORTHWESTERN;	D01F009/0012;	separation of carbon nanotubes in density gradients

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US2011151190 A1 20110623	US20070916777P;US 20080599286;WO200 8US63113;		B32B005/0016; G03F007/0020;	shadow edge lithography for nanoscale patterning and manufacturing
US2011121496 A1 20110526	US20050737248P;US 20060559539;US2010 0953605;WO2005US1 28232;	US ENERGY;	H05B006/0000;	shape manipulation of nanostructures
US2011027951 A1 20110203	US20050161146;US2 0100902944;	IBM;	H01L021/8234;	shared gate for conventional planar device and horizontal cnt
US2011127165 A1 20110602	US20030738465;US2 0080315219;US20111 3023807;	INTEL CORP;	G01N030/0000; G01N027/0447; B01D015/0034; B01D067/0000;	sieving media from planar arrays of nanoscale grooves, method of making and method of using the same
US2011002576 A1 20110106	US20070849591;	IBM;	G02F001/0001; G02B006/0012;	silicide thermal heaters for silicon-on-insulator nanophotonic devices
US2011012090 A1 20110120	WO2007SG00422;	AGENCY SCIENCE TECH & RES;	H01L021/0004; H01L029/0775; H01L021/0335; H01L021/0064;	silicon-germanium nanowire structure and a method of forming the same
US2011024169 A1 20110203	US20090229058P;US 20100845557;		H05K001/0000; C23F001/0024;	silicon nanowire arrays on an organic conductor
US2011008937 A1 20110113	US20070729565;US2 0100885071;		H01L021/0084;	silicon germanium and germanium multigate and nanowire structures for logic and multilevel memory applications
US2011117436 A1 20110519	US20090262011P;US 20100301932P;US201 00948697;	PHYSICAL SCIENCES INC;	B05D005/0012; H01M004/0583;	silicon whisker and carbon nanofiber composite anode
US2011109688 A1 20110512	US20070878239P;US 20080006459;US2011 13011596;	NANOGRAM CORP;	H01L029/0006; H01L021/0000;	silicon/germanium oxide particle inks, inkjet printing and processes for doping semiconductor substrates
US2011094403 A1 20110428	EP20080157807;WO2 009IB52276;	KONINKL PHILIPS ELECTRONICS NV;	B41F001/0018; B41N001/0008;	silicone rubber material for soft lithography

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EP2305402 A1 20110406	JP20080167262;JP20080288651;JP20090071732;WO2009JP60587;	DAINIPPON INK & CHEMICALS;	B22F009/0000; H01B001/0022; C09C003/0010; B22F001/0000; C09C001/0062; B22F009/0024; H01B005/0000; B22F001/0002;	silver-containing powder, method for producing the same, conductive paste using the same, and plastic substrate
CN101977509 A 20110216	GB20080000081;WO2009EP50019;	JANSSEN PHARMACEUTICA NV;	A01N063/0002; A01N025/0034; A01N059/0016; A01N025/0008; C01G005/0000; A61K009/0051;	silver nanoparticles with specific surface area and a method for producing them
US2011088593 A1 20110421	US20100977096;		C09D001/0000;	silver dz nano-fluid composition for nano-fin formation and a method of producing the same
US2011117365 A1 20110519	JP20040219346;JP20040333683;JP20050063704;US20070658577;US20100945073;WO2005JP14239;	NAT INST OF ADVANCED IND SCIEN;	D01F009/0012; B32B009/0000;	single-walled carbon nanotube and aligned single-walled carbon nanotube bulk structure, and their production process, production apparatus and application use
US2011045080 A1 20110224	US20090162933P;US20100731021;	UNIV RICE WILLIAM M;	A61P035/0000; C12N005/0000; C07H021/0002; A61P029/0000; A61K009/0014; A61K031/0713;	single-walled carbon nanotube/bioactive substance complexes and methods related thereto
US2011057121 A1 20110310	US20050753621P;US20080144514;WO2006US62578;	UNIV CALIFORNIA;	G21K005/0010; H01J037/0020; H01J037/0244;	single nanoparticle tracking spectroscopic microscope
CN101946326 A 20110112	KR20080014230;KR20080076550;KR20090010087;WO2009KR00707;	NAT UNIV CHUNGBUK IND ACAD;	H01L029/0775; H01L021/0336;	single electron transistor operating at room temperature and manufacturing method for same

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WO2011050000 A2 20110428	US20090279408P;	MESSMER BRADLEY T;UNIV CALIFORNIA;	A61K009/0127; C12N015/0011; A61K009/0051; A61K048/0000; C12Q001/0068; A61K031/7088; A61P035/0000;	single molecule nucleic acid nanoparticles
ES2350315T T3 20110121	EP20050425714;	FIBRE E TESSUTI SPECIALI S P A;	B01J031/0028; C08K003/0004; C01B031/0002; C08K007/0024; B01J031/0006;	synthesis de nanotubos y/o nanofibras de carbono en un sustrato de polímero.
US2011038905 A1 20110217	JP20070096192;US20 080060392;US201009 14482;	FUJIFILM CORP;	A61K008/0049; A61K008/0031; A61K008/0036; A61K008/0365; A61Q019/0008; A61K008/0064;	skin anti-aging agent for external use
CN102090379 A 20110615	CN20101579076;	SHENGSI SENXING ELECTRICAL APPLIANCE MANUFACTURE CO LTD;	A01K080/0000; F21V031/0000; F21V029/0000;	sleeve-fish attraction lamp
US2011023948 A1 20110203	US20060439011;US2 0100815590;		H01L031/0224; H01L031/0304; H01L031/0256; H01L031/0296; H01L033/0008;	solar cell employing a nanowire
EP2332175 A2 20110615	US20080095422P;WO 2009US55143;	VANGUARD SOLAR INC;	H01L031/0272; H01L051/0000; H01L051/0042;	solar cells and photodetectors with semiconducting nanostructures

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US2011009362 A1 20110113	IN2008CH00493;IN2008CH00643;IN2008CH02503;US20080046571P;US20080048576P;US20080141460P;US20090919331;WO2009US35394;	REDDYS LAB INC DR;REDDYS LAB LTD DR;	A61P001/0008; C08B030/0018; A61K031/5377; A61K031/0724; C07D413/0006;	solubility-enhanced forms of aprepitant and pharmaceutical compositions thereof
US2011159291 A1 20110630	US20090647244;		B32B005/0016; B05D003/0000;	solution stable and chemically reactive metallic nanoparticles
US2011006269 A1 20110113	US20070987988P;US20080743099;WO2008US83592;	ADVANCED TECH MATERIALS;	H01B001/0002; C01F005/0006; C01G015/0000;	solvent-free synthesis of soluble nanocrystals
WO2011020035 A2 20110217	US20090234132P;	GREEN ALEXANDER A;HERSAM MARK C;UNIV NORTHWESTERN;	B03D003/0000; C01B031/0002;	sorting two-dimensional nanomaterials by thickness using density gradient centrifugation
WO2011072228 A1 20110616	US20090285770P;	HELLER DANIEL A;MASSACHUSETTS INST TECHNOLOGY;STRANOMICHAEL S;	G01N021/0064;	spectral imaging of photoluminescent materials
US2011031548 A1 20110210	US20080103246;US20100909027;	FREESCALE SEMICONDUCTOR INC;	H01L029/0076;	split gate non-volatile memory cell with improved endurance and method therefor
JP2011006412 A 20110113	US20020403367P;	BAWENDI MOUNGI G;KIM SUNGJEE;MASSACHUSETTS INSTTECHNOLOGY;STOTT NATHAN E;	C07F009/0050; H01L021/0000; H01L051/0040; C08G018/0032; C30B029/0010; H01L051/0030; B32B005/0016; C07F009/0113; C01B019/0000; C30B029/0046; H01L051/0005; C08G018/0083;	stabilized semiconductor nanocrystal



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US2011008453 A1 20110113	US20060861616P;US 20070998362;US2009 0215873P;US2010077 7920;	MARINUS PHARMACEUTICALS;	A61P011/0000; A61P027/0002; A61K009/0014; A61K031/0058; A61P017/0004;	stable corticosteroid nanoparticulate formulations and methodsfor the making and use thereof
EP2307309 A2 20110413	US20080077832P;WO 2009US49517;	LIFE TECHNOLOGIES CORP;	B82B001/0000; B82B003/0000;	stable indium-containing semiconductor nanocrystals
EP2283055 A1 20110216	EP20080009064;EP20 090745515;WO2009E P03192;	BAYER MATERIALSCIENCE AG;	C08G018/0038; C08G018/0028;	stable polyisocyanates comprising nanoparticles
US2011143417 A1 20110616	US20050668603P;US 20050728292P;US200 50751196P;US200603 91584;US2006078233 2P;US20090396965;U S20100968936;	IBC PHARMACEUTICALS INC;	C07K019/0000; C12N009/0096;	stably tethered structures of defined compositions with multiplefunctions or binding specificities
US2011086949 A1 20110414	FR20080053952;WO2 009FR51112;	ROQUETTE FRERES;	C08L003/0002; C08L003/0004; C08L003/0010; C08L003/0006;	starch-containing thermoplastic or elastomer compositions, and methodfor preparing such compositions
CN101960061 A 20110126	DE200810013518;WO 2009EP52173;	SIEMENS AG;	D02G003/0044; C23C014/0056; D06M011/0083; C23C014/0014;	strand-like material composite with cnt yarns and method for themanufacture thereof
US2011008549 A1 20110113	US20090500904;	UNIV KOREA RES & BUS FOUND;	B05D001/0004;	structure fabrication using nanoparticles
US2011147177 A1 20110623	WO2008JP65128;	TOSHIBA KK;	B05D005/0012; B32B015/0004; H01H059/0000; B05D001/0016;	structure, electronic device, and method for fabricating a structure

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US2011045969 A1 20110224	US20030503668P;US 20040941800;US2008 0069041P;US2009040 2948;US20090610897 ;US20100869459;	UCHICAGO ARGONNE LLC;	B01J021/0004; B01J023/0014; B01J021/0006; B01J037/0002; B01J023/0006;	subnanometer and nanometer catalysts, method for preparing size-selected catalysts
KR20110020303 A 20110302	EP20080012948;	GORE W L & ASS GMBH;	C08J007/0004; C09D127/0012; C08J007/0016; C08L027/0012;	substrate coating comprising a complex of an ionic fluoropolymer and surface charged nanoparticles
EP2319076 A1 20110511	FR20080055852;WO2 009EP61203;	COMMISSARIAT ENERGIE ATOMIQUE;	H01L021/0768; H01L023/0532; H01L023/0522; H01L029/0006;	substrate for an electronic or electromechanical component and nano-elements
US2011073003 A1 20110331	US20060463500;US2 0100956913;	MASSACHUSETTS INST TECHNOLOGY;	C09K003/0018;	superhydrophilic coatings
US2011097559 A1 20110428	US19990126959P;US 20090990941;WO200 9US43113;		B29C041/0012; C08L053/0000; B32B003/0030; G03G013/0014;	supramolecular block copolymer compositions for sub-micron lithography
US2011039947 A1 20110217	US20080051468P;US 20080051477P;US200 90989432;WO2009US 43003;	3M INNOVATIVE PROPERTIES CO;	B32B005/0000; C07F009/0002; A61K047/0006;	surface-modified nanoparticles
JP2011073136 A 20110414	US20000240216P;US 20010841237;	LIFE TECHNOLOGIES CORP;	B22F001/0002; G01N033/0058; B01J019/0000; B22F009/0000; B82B003/0000; C01B019/0004; B01F017/0028; C09K011/0002; B82B001/0000; B01F017/0052; B01J013/0000; C01G009/0008;	surface-modified semiconductive and metallic nanoparticle having enhanced dispersibility in aqueous medium

Número de Publicação	Prioridade	Depositantes	Classificação	Título
US2011137062 A1 20110609	US20040635704P;US 20050648920P;US200 80721554;US2011130 26929;WO2005US449 63;	UNIV SOUTH CAROLINA;	C07F001/0012;	surface enhanced raman spectroscopy using shaped goldnanoparticles
EP2310321 A1 20110420	GB20080014458;US2 0080088100P;WO200 9GB01928;	NANOCO TECHNOLOGIES LTD;	C01G009/0008; C09K011/0002; C30B029/0060; C30B007/0000; H01L031/0296;	surface functionalised nanoparticles
CN101959972 A 20110126	US20080018899P;WO 2008EP67591;	SPARKXIS B V;	C09C003/0010; C09C001/0036; C09C001/0004; C09C003/0012; C09C001/0024; C09C001/0030;	surface modification of metal oxide nanoparticles
WO2011034825 A1 20110324	US20090560002;	ABS MATERIALS INC;	C02F001/0070; C02F001/0068; B01J020/0020; B01J020/0018; C02F001/0028; C08G077/0052;	swellable materials and methods of use
WO2011036808 A1 20110331	WO2009JP66805;	FUJITA SHINOBU;TOSHIBA KK;	B81B003/0000; H01H059/0000;	switch element and circuit provided with switch element
US2011104293 A1 20110505	US20080077411P;US 200913002211;WO20 09US49431;		A61P031/0016; A61P031/0004; A61K039/0000; A61K039/0145; A61K009/0050; A61K039/0007; A61P035/0000;	synergistic induction of humoral and cellular immunity bycombinatorial activation of toll-like receptors
HK1091192 A1 20110114	EP20030008854;WO2 004EP04488;	CT FUER ANGEWANDTE NANOTECHNOLOGIE CAN GMBH;	C09K011/0077; C01G031/0000; C01B025/0045;	synthesis of nanoparticles comprising metal (iii) vanadate
US2011118441 A1 20110519	US20100423041P;US 201113011881;		C07K001/0113; C07K002/0000;	synthesis of highly fluorescent peptide-metallic nanoclusters asbio-probes

Número de Publicação	Prioridade	Depositantes	Classificação	Título
CN101941075 A 20110112	CN20091157243;	BEIJING INST GRAPHIC COMM;	A01N059/0016; B22F009/0024;	synthetic method of antibacterial agent containing nano-silver
EP2310316 A1 20110420	US20080139685;WO2 009US41497;	RAYTHEON CO;UNIV ARIZONA STATE;	C01B031/0002; C01G017/0000; C01B021/0000; C01B021/0002; C01G015/0000; C01B033/0000; C01F001/0000; C01B035/0000; C01G023/0000;	system and method for growing nanotubes with a specified isotopecomposition via ion implantation using a catalytic transmembrane
US2011038909 A1 20110217	US20060562554;US2 0100901265;	HEIRLOOM HOLDINGS;	B05D001/0018; B05D005/0000; A01N025/0008; B05D001/0002; A01P001/0000; A01N059/0016;	system and method for using nanoparticles for antimicrobialactivity
US2011156003 A1 20110630	US20060857450P;US 20070935884;US2010 0827098;	NANOSYS INC;	H01L029/0002;	systems and methods for nanowire growth
US2011059162 A1 20110310	US20090240033P;US 20100875820;		A61K031/0715; A61P031/0004; A61K009/0127; A61K009/0048; A61K039/0000; A61K009/0000;	tannin-chitosan composites
US2011020388 A1 20110127	US20090217116P;US 20090217117P;US200 90217124P;US200902 17129P;US201007882 60;	SELECTA BIOSCIENCES INC;	A61P037/0002; C07H021/0000; C07D473/0034; C07D471/0004; A61K039/0385;	targeted synthetic nanocarriers with ph sensitive release ofimmunomodulatory agents
US2011014300 A1 20110120	IN2008CH01105;WO2 009IN00266;	JAWAHARLAL NEHRU CT FOR ADVANCED SCIENTFIC RES;	A01P001/0000; A01N059/0016; B32B005/0018;	template free and polymer free metal, nanosponge and a processthereof

Número de Publicação	Prioridade	Depositantes	Classificação	Título
WO2011053940 A2 20110505	US20090256640P;US 20100374550P;US201 00386846P;	CUTLER JOSHUA I;DANIEL WESTON L;GILJOHANN DAVID A;MIRKIN CHAD A;UNIV NORTHWESTERN;ZHANG KE;ZHENG DAN;	C12Q001/0068;	templated nanoconjugates
EP2284296 A1 20110216	EP20040255157;KR2 0030063229;	SAMSUNG ELECTRONICS CO LTD;	C09K011/0000; C30B007/0000; C09K011/0074; C09K011/0008; C09C001/0038; C09K011/0089; C30B033/0000; H01L029/0201; C09K011/0056; H05B033/0014; C09C001/0010; B82B001/0000; C09K011/0070; H01L033/0000; C09K011/0088; H01L029/0006; C09C001/0012; H01L029/0221; C09K011/0062; B82B003/0000;	the improvement of the luminescent efficiency of semiconductor nanocrystals by surface treatment
US2011059172 A1 20110310	US20080024451P;US 20090865094;WO200 9US32263;		A61K038/0043; A61P019/0000; A61K038/0046; A61P025/0000; A61K038/0047; A61P001/0016; A61K038/0016; A61K009/0014; A61K009/0000; A61P021/0000;	therapeutic compositions

Número de Publicação	Prioridade	Depositantes	Classificação	Título
US2011038939 A1 20110217	US20070959728P;US 20080669395;WO200 8US70164;	LOUISIANA TECH UNIVERSITY RES FOUNDATION A DIVISION OF LOUISIANA TECH UNIVERSITY FOUNDATION;UNIV NORTHEASTERN;	A61K009/0014; A61K039/0395; A61P035/0000;	therapeutic stable nanoparticles
CN101978469 A 20110216	US20080052956;WO2 009US35861;	MICRON TECHNOLOGY INC;	B81C001/0000; H01L021/0033;	thermal anneal of block copolymer films with top interface constrained to wet both blocks with equal preference
US2011071681 A1 20110324	CN20091190734;	HON HAI PREC IND CO LTD;UNIV TSINGHUA;	H05B001/0000; F24F011/0002; G05D023/0019; B01L007/0000;	thermal cyclers
US2011053805 A1 20110303	US20090182190P;US 20100791466;	GEORGIA TECH RES INST;	C40B060/0014; C40B050/0000; C08F224/0000;	thermochemical nanolithography components, systems, and methods
US2011064938 A1 20110317	US20030722929;US2 0040026011;US20060 481130;US201007691 44;		C08J009/0006; B32B003/0026;	thermoplastic foams and method of forming them using nano-graphite
US2011147640 A1 20110623	KR20080080925;WO2 008KR07812;	CHEIL IND INC;	H01B001/0024;	thermoplastic resin composition having electrical conductivity, wear resistance and high heat resistance
US7935419 B1 20110503	US20080065077P;US 20090322813;	LOS ALAMOS NAT SECURITY LLC;	B32B005/0016;	thick-shell nanocrystal quantum dots
US2011042649 A1 20110224	GB20080002912;WO2 009GB50146;	CARBEN SEMICON LTD;	B05D005/0012; H01L051/0010; B05D003/0010; B32B003/0000; B05D003/0002;	thin-film transistor, carbon-based layer and method of producing thereof
US2011089096 A1 20110421	US20090270023P;US 20090283281P;US201 00826940;US2010095 8595;	UNIV BRIGHAM YOUNG;	B01D015/0008; B05D007/0000;	thin layer chromatography plates and related methods
WO2011002844 A1 20110106	US20090270023P;	DAVIS ROBERT C;JENSEN DAVID S;LINFORD MATTHEW R;UNIV BRIGHAM YOUNG;VANFLEET RICHARD;YANG LI;	G01N030/0092; B01J020/0282;	thin layer chromatography plates and related methods

Número de Publicação	Prioridade	Depositantes	Classificação	Título
US2011144163 A1 20110616	US2007098652P;US 20080054504P;US200 80373135;WO2008US 82956;		A61K031/0385; A61P035/0000; A61K031/4427; C07F001/0012; C07D405/0012; C07K016/0000; C07K014/0525; A61K031/0337; C07D305/0014; C07D409/0012;	thiolated paclitaxels for reaction with gold nanoparticles as drug delivery agents
US2011123589 A1 20110526	IT2008PD00220;WO2 009EP59432;	UNI DEGLI STUDI DI TRIESTE;	A61P031/0000; A61K033/0038; A01N059/0020; A01N025/0010; A61K009/0010; A61K033/0030; A61K033/0024; A61K033/0034; A01N059/0016; A01P001/0000;	three-dimensional nanocomposite materials consisting of apolysaccharidic matrix and metallic nanoparticles, preparation and use thereof
FR2950425 A1 20110325	FR20090004530;	COHEN SABBAN YOUSSEF;	G01J003/0000; G01B011/0014;	three-dimensional contactless nanotopography method for measurement of altitude of nanostructured object in e.g. micro-optical field by interferometric altitude sensor, involves fixing reference surface and inspected object with each other
US2011073473 A1 20110331	US20090570211;	HONEYWELL INT INC;	B05D005/0000; G01N027/0030; C03C017/0034;	three-dimensionally ordered macroporous sensor apparatus and method
MY143396 A 20110513	US20050740461P;US 20060523731;	RENSSELAER POLYTECH INST;UNIV HAWAII;		three-dimensionally reinforced multifunctional nanocomposites
US2011089612 A1 20110421	JP20070237989;US20 100659595;US201009 78837;WO2008JP661 99;	ASAHI GLASS CO LTD;	B29C035/0008; B29C059/0002;	tio <sub>2</sub> -containing quartz glass substrate

Número de Publicação	Prioridade	Depositantes	Classificação	Título
US2011160034 A1 20110630	JP20050099700;US20070887172;US20110932696;WO2006JP306742;	FUKUOKA PREFECTURE;NIPPON TUNGSTEN;	C04B035/0056;	titanium carbide powder and titanium carbide-ceramics composite powder and method for production thereof, and sintered compact from the titanium carbide powder and sintered compact from the titanium carbide/ceramics composite powders and method for production thereof
CN101983569 A 20110309	CN20101559161;	CHONGQING POLYCOMP INTERNATIONAL LTD;UNIV CHINA GEOSCIENCES WUHAN;	B01J021/0006; A01N059/0016; B01J021/0016; A01N025/0008; A01P001/0000;	titanium dioxide nano antibacterial agent taking halloysite as carrier and preparation method thereof
WO2011045623 A1 20110421	WO2009IB06900;	ARCE MACIAS CARLOS FRANCISCO;LOPEZ GORNE TESSY MARIA;MUNOZ OCHOA JOSE FRANCISCO;	A01N025/0008; A01N059/0016; A01P001/0000; A01N025/0034;	titanium dioxide nanostructured materials comprising silver and their use as antimicrobials
CN101952014 A 20110119	CZ20080000095;WO2009CZ00020;	ADVANCED MATERIALS TJ S R O;	B01J023/0755; B01J021/0006; B01J035/0000; C01G023/0053; B01J035/0010; B01J037/0000; B01J023/0042; B01J037/0028; B01J023/0050; B01J023/0072; B01D053/0086; B01J023/0028; B01J023/0040; B01J023/0052; C01G023/0047;	titanium dioxide catalyst structure for processes up to 1000 deg c and the manufacturing thereof
EP2288577 A1 20110302	EP20080157495;EP20090757507;WO2009EP56724;	BASF SE;	C01G023/0053; C09D005/0002; C09C001/0036; C08K003/0022;	titanium dioxide composition comprising titanium dioxide nanoparticles, and preparation and use thereof
JP2011061214 A 20110324	JP20100225103;	CANON KK;	B81C099/0000; H01L021/0027; B29C059/0002;	transfer device, mold, and device manufacturing method



Número de Publicação	Prioridade	Depositantes	Classificação	Título
US2011068324 A1 20110324	JP20050034476;US20070815871;US20100955972;WO2006JP302349;	JAPAN SCIENCE & TECH AGENCY;	H01L029/0006;	transistor with nanotube structure exhibiting n-type semiconductor-like characteristics
US2011007386 A1 20110113	US20080080097P;US20090501068;	UNIV UTAH RES FOUND;	G01J003/0010;	transmission microscopy using light emitted from nanoparticles
US2011111002 A1 20110512	US20090616820;		A61K009/0127; A61K009/0014; A61K031/0195; C12N013/0000; A01H005/0000; A61K009/0000; A61P043/0000;	transport and delivery of glutathione into human cells using goldnanoparticles
US2011104072 A1 20110505	US20090609799;	GEN ELECTRIC;	C08G061/0004; A61K049/0008; A61K049/0004; C07F009/0038;	treating water insoluble nanoparticles with hydrophilicalpha-hydroxyphosphonic acid conjugates, the so modified nanoparticles and their use as contrast agents
NZ576658 A 20110630	US20050264606;WO2006US39360;	CLOROX CO;	B32B003/0000; B32B005/0014;	treatments and kits for creating transparent renewable surfaceprotective coatings using fumed silica particles
CN101946766 A 20110119	CN20091248489;CN20101284719;	LIAONING NORMAL UNIVERSITY;	A01N031/0002; A01N025/0004; A01P021/0000;	triacontanol biological nano-preparation and method forpreparing same
US2011141546 A1 20110616	WO2008US74348;		H05K003/0000; G02B026/0008; G02B026/0002;	tunable nanowire resonant cavity for optical modulation
US2011059842 A1 20110310	US20070945491P;US20080665692;WO2008US67780;	RICE UNIVERSITY;UNIV LEHIGH;	B01J023/0030; B01J021/0006; B01J037/0002; B01J037/0008;	tungstated zirconia nanocatalysts
US2011086464 A1 20110414	US20090250827P;US20100902392;	UNIV TEXAS;	B05D005/0012; D01F009/0012; H01L051/0048;	tuning of fe catalysts for growth of spin-capable carbonnanotubes

Número de Publicação	Prioridade	Depositantes	Classificação	Título
US2011044091 A1 20110224	US20050280786;US20050679029P;US20050692765P;US20050692891P;US20050692918P;US20100861046;	NANTERO INC;	G11C011/0056; H01L029/0000; G11C005/0000;	two-terminal nanotube devices and systems and methods of making same
US2011057717 A1 20110310	US20070936819P;US20080139910;	NANTERO INC;	H03K017/0074; H01L021/0768; H03K017/0000;	two-terminal nanotube devices including a nanotube bridge and methods of making same
US2011081395 A1 20110407	US20090573878;	NAT HEALTH RESEARCH INSTITUTES;NAT UNIV TSINGHUA;	C03C017/0000; C12N005/0073; C12N005/0074; C12N005/0095; C12N005/0079; C12N005/0007; C12N005/0000; C12N005/0735; C12N005/0002; G01N033/0567; C12N005/0793; C12N005/0071;	ultra-nanocrystalline diamond as a biomaterial for enhancing proliferation and differentiation of neural stem cells
US2011021745 A1 20110127	US20070948203P;US20080667711;WO2008US69299;		C07K002/0000; C07K016/0000; C08B037/0008;	ultra-small chitosan nanoparticles useful as bioimaging agents and methods of making same
US2011036897 B B 20110201	US20030376088;	APPLIED MATERIALS INC;	H01L021/0768; H01J037/0073;	ultra low k plasma cvd nanotube/spin-on dielectrics with improved properties for advanced nanoelectronic device fabrication
US2011038099 A1 20110217	US20070893564P;US20070937039;		B32B037/0002; B32B038/0000; H01G009/0155;	ultracapacitor power storage device
US2011036268 A1 20110217	JP20080047331;WO2009JP53435;	MURATA MANUFACTURING CO;	C09D001/0000; B05D003/0002;	ultrafine zinc oxide particle dispersion solution, method for producing the ultrafine zinc oxide particle dispersion solution, and zinc oxide thin film
CN101946776 A 20110119	CN20091248488;CN20101284707;	LIAONING NORMAL UNIVERSITY;	A01N043/0653; A01P021/0000; A01N025/0004;	uniconazol nano-preparation serving as plant growth regulation and control agent and preparation method thereof

Número de Publicação	Prioridade	Depositantes	Classificação	Título
BRPI0707159 A2 20110426	US20060336950;WO2007US01236;	MOMENTIVE PERFORMANCE MAT INC;	C08K003/0034; E06B003/0663; C08J005/0000; C08L083/0004; C09K003/0010; C03C027/0010;	unidade de vidro isolada com composição vedante tendo reduzidapermeabilidade a gás
BRPI0706382 A2 20110322	US20060328384;WO2007US00435;	MOMENTIVE PERFORMANCE MAT INC;	C08L083/0004; C03C017/0030; C09K003/0010; C03C027/0010;	unidade de vidro isolada possuindo composição contendo siloxanocurável em temperatura ambiente de permeabilidade reduzida a gás
CN101983172 A 20110302	US20080032420P;US20080045321P;US20080078434P;US20080082448P;US20080097579P;US20080100865P;US20080106153P;US20080115651P;US20080120541P;WO2009US33502;	HUANCHEN LI;WENDY WANG;	B82B001/0000;	unipolar magnetic carrier for 3d tumor targeting
US2011127445 A1 20110602	US20060829768P;US20070445904;WO2007SG00352;	UNIV SINGAPORE;	G01J001/0058;	upconversion fluorescent nano-structured material and uses thereof
US2011014698 A1 20110120	DE200710054691;WO2008DE01825;		C12N005/0071; C12N005/0009;	use of nanopatterned surfaces and method for enriching orisolating cellular subpopulations
US2011045031 A1 20110224	US20020356856P;US20030367646;US20040790153;US20070678146;US20100876695;	ENSYSCE BIOSCIENCES INC;	A61K009/0000; A61P035/0000;	use of buckysome or carbon nanotube for drug delivery
WO2011046786 A2 20110421	US20090252607P;	BURROUGHS FRANK G;DOW AGROSCIENCES LLC;SAMBOJU NARASIMHA CHARY;SAMUEL JAYAKUMAR PON;WEBB STEVEN R;YAU KERRM Y;	C12N015/0068; A01H005/0000; C12N015/0082; C12N015/0087;	use of dendrimer nanotechnology for delivery of biomolecules into plant cells

Número de Publicação	Prioridade	Depositantes	Classificação	Título
US2011044911 A1 20110224	US20080042654P;US 20090934048;WO200 9US02061;		A61K036/0018; A61K049/0010; A61K049/0004; A61K049/0006; A61K031/0056; A61K031/0175; A61K049/0014; A61P035/0000;	use of functionalized magnetic nanoparticles in cancer detectionand treatment
EP2325642 A1 20110525	EP20050761586;US2 0040563865P;US2005 0109368;	UNIV EMORY;	C12Q001/0068; A61K049/0000; A61K051/0000; G01N033/0553; G01N033/0058; G01N033/0053;	use of multimodality nanostructures to detect target substances
KR20110028629 A 20110321	FI20080005667;	CANATU OY;	C01B031/0002; B82B003/0000;	uses of a carbon nanobud molecule and devices comprising the same
ES2359960T T3 20110530	FR20020002470;	RHODIA ELECT & CATALYSIS;	C09D007/0012; C09D005/0032; C08K003/0022;	utilizacion de un sol organico de cerio en las pinturas,particularmente los lasures y barnices.
US2011014499 A1 20110120	JP20080057849;JP20 080066401;WO2009J P54302;	SHOWA DENKO KK;	B29C059/0016; G11B005/0706; B29C035/0008;	uv nanoimprint method, resin replica mold and method forproducing the same, magnetic recording medium and method for producing the same, and magnetic recording/reproducing apparatus
JP2011001202 A 20110106	JP20090143007;	SONY CORP;	B82B003/0000; G01J001/0002; B82B001/0000; C01G031/0002;	vanadium dioxide nanowire, method for producing the same, andnanowire device using vanadium dioxide nanowire
ES2358292T T3 20110509	US19990384960;	CIBUS INTERNAT LP LTD;	A61P043/0000; C12Q001/0002; C12N015/0085; C12N005/0010; C12N015/0009; A61K048/0000; C12N015/0005; C12N015/0010; A01K067/0027; C07H021/0004;	vectores mutacionales de oligodesoxinucleotidos de cadena sencilla.

Número de Publicação	Prioridade	Depositantes	Classificação	Título
EP2300207 A1 20110330	US20080076032P;WO 2009US48880;	HARVARD COLLEGE;	B28B007/0006;	versatile high aspect ratio actuatable nanostructured materialsthrough replication
TWI343123B B 20110601	US20040767065;	IBM;	H01L027/0028; H01L051/0030; B82B001/0000; H01L051/0040; H01L029/0732; C01B031/0002; H01L051/0005; B82B003/0000;	vertical nanotube semiconductor device structures and methods of forming the same
TWI335669B B 20110101	US20040767039;	IBM;	H01L021/0078; H01L029/0012; H01L051/0030; H01L027/0028; H01L029/0006;	vertical field effect transistors incorporating semiconductingnanotubes grown in a spacer-defined passage
WO2011045627 A1 20110421	WO2009IB07188;	ARCE MACIAS CARLOS FRANCISCO;LOPEZ GOERNE TESSY MARIA;MUNOZ OCHOA JOSE FRANCISCO;	A01N059/0016; A61K033/0024;	viricide agents having nanostructured biocatalysts materials of titanium dioxide (tio2) and silicium dioxide (si02) with platinum and iridium modified and dispersed on the surface
US2011116993 A1 20110519	US20070973493P;US 20080678894;WO200 8US77137;	MASSACHUSETTS INST TECHNOLOGY;	B01J008/0002; H01B001/0020; C08K003/0022; B01L003/0000; C08L033/0010;	virus/nanowire encapsulation within polymer microgels for 2d and3d devices for energy and electronics
US2011064256 A1 20110317	CN20091190388;	HON HAI PREC IND CO LTD;UNIV TSINGHUA;	H04R001/0002;	voice coil and loudspeaker using the same
EP2274240 A2 20110119	US20080111361;WO2 009US40597;	BAKER HUGHES INC;	C02F001/0028; B01J020/0004; B01D024/0010;	wastewater purification with nanoparticle-treated bed
US2011129944 A1 20110602	WO2005SG00009;	AGENCY SCIENCE TECH & RES;	C07F009/0028; G01N033/0544; C08B037/0016;	water-soluble nanocrystals and methods of preparing them

Número de Publicação	Prioridade	Depositantes	Classificação	Título
US2011001092 A1 20110106	US20040573804P;US 20050136653;US2008 0968228;US20090552 970;US20100887224;	UNIV DREXEL;	C01G011/0002; C01G021/0021; C01G009/0008; C01B017/0020; C01G045/0000;	water soluble nanocrystalline quantum dots
WO2011004991 A1 20110113	US20090500946;	UNIV KOREA RES & BUS FOUND;	G03F007/0009; B29C033/0056; H01L021/0027; B82B003/0000; B81C001/0000; G03F007/0075; B29C033/0042; H01L021/0002;	wide area stamp for antireflective surface
WO2011027335 A1 20110310	ZA20090006174;	IYUKE SUNNY ESAYEGBEMU;MAMVURA TIRIVAVIRI AUGUSTINE;SIBANDA VUSUMUZI;UNIV THE WITWATERSRAND JOHANNESBURG;YAH YAH CLARENCE;	C12C011/0009; C12N011/0008; C12N001/0002;	yeast cell immobilization
WO2011022350 A1 20110224	US20090234374P;	BALDASSARE JOSEPH;HOYER MARY K;KLEIN CLAUDETTE;SAINT LOUIS UNIVERSITY;SHAH MAULIK R;	A01N059/0016;	zinc nanoparticles for the treatment of infections and cancer
KR101039043B B1 20110603	KR20090121264;	AIZN;	A01N059/0002; B82B001/0000;	zinc sulfied nano particle compositions, anti-bacteria and anti-filamentous fungi polymer masterbatches and methods of the preparation of the same

## 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>	Polónia
<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, Burquina 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.