



Europäisches
Patentamt
European
Patent Office
Office européen
des brevets



CPC in Espacenet



Pierre HELD

Directorate Classification, EPO


F16G5/14

with reinforcement bonded to the plastic part

CPC in Espacenet

<http://worldwide.espacenet.com/>

CPC in Espacenet



Europäisches Patentamt
 European Patent Office
 Office européen des brevets

Espacenet

Patent search

Deutsch English Français

Contact

Change country ▼

← About Espacenet Other EPO online services ▼


[Search](#)
[Result list](#)
[★ My patents list \(0\)](#)
[Query history](#)
[Settings](#)
[Help](#)

Smart search

Advanced search

Classification search

Maintenance news —

Scheduled maintenance 

Please note that this PREVIEW system has limited availability - i.e. from 07:00 to 19:00 CET. Please do not share this site on social media
 → [read more...](#)

News flashes +

Latest updates +

Related links +

Smart search - PREVIEW

Smart search: Siemens EP 2007

Clear

[Entering queries in Smart search](#)

In a move to further improve multilingual access to information contained in patent documents, the European Patent Office (EPO) made available a second set of European languages in its free automatic translation service Patent Translate. With the addition of Danish, Dutch, Finnish, Greek, Hungarian, Norwegian and Polish, the service now enables on-the-fly-translation from, and into, English for thirteen languages and is accessible on the EPO's free online patent database, Espacenet.

"Patent Translate facilitates access to state-of-the-art technologies for European inventors and businesses by removing the language barrier from patent documentation," said EPO President Benoît Battistelli. "We are very pleased to offer to users in this new group of countries better access to patent documents from all over the world, while making information about their inventions readily available in English to a very large number of users. This is an important step forward in ensuring patent quality, and contributes to strengthening the competitiveness of European enterprises," he said.

Patent Translate was launched this February to enable multilingual access to the vast collection of patent documents available on the EPO website. Starting with a first set of languages allowing automatic translation from and into English for French, German, Italian, Portuguese, Spanish and Swedish, by the end of 2014 the service is expected to cover all 28 languages of the EPO's 38 member states, plus the most important non-European languages in patents, including Chinese, Japanese, Korean and Russian.

The service aims to help European businesses better search and identify relevant patent documents for their R&D projects. It is integrated into the EPO's free patent database, Espacenet, which includes more than 75 million entries from around the world. Patent Translate is also expected to facilitate the implementation of the future unitary patent, which includes an important chapter on translation. With the unitary patent reducing the burden on companies to provide mandatory translations, automatic translation will be even more important as a means of offering free access to patent documents in any official language. The development of this tool underlines the EPO's role as a leading global provider of patent information.

http://www.youtube.com/watch?v=kApbdTQveSI&feature=player_profilepage

[Sitemap](#)
[Accessibility](#)
[Legal notice](#)
[Terms of use](#)
 Last updated: 08.02.2012 5.8.3; 22i

Search for symbol
or concept

Cooperative Patent Classification

Search for

View section | Index **A** | B | C | D | E | F | G | H | Y

« A01B11/00 A01B15/00 »

Symbol	Classification and description		
<input type="checkbox"/> A	HUMAN NECESSITIES [2013-01]	<input type="button" value="S"/>	
<input type="checkbox"/> B	PERFORMING OPERATIONS; TRANSPORTING [2013-01]	<input type="button" value="S"/>	<input type="button" value="i"/>
<input type="checkbox"/> C	CHEMISTRY; METALLURGY [2013-01]	<input type="button" value="S"/>	<input type="button" value="i"/>
<input type="checkbox"/> D	TEXTILES; PAPER [2013-01]	<input type="button" value="S"/>	
<input type="checkbox"/> E	FIXED CONSTRUCTIONS [2013-01]	<input type="button" value="S"/>	
<input type="checkbox"/> F	MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING ENGINES OR PUMPS [2013-01]	<input type="button" value="S"/>	<input type="button" value="i"/>
<input type="checkbox"/> G	PHYSICS [2013-01]	<input type="button" value="S"/>	<input type="button" value="i"/>
<input type="checkbox"/> H	ELECTRICITY [2013-01]	<input type="button" value="S"/>	<input type="button" value="i"/>
<input type="checkbox"/> Y	GENERAL TAGGING OF NEW TECHNOLOGICAL DEVELOPMENTS; GENERAL TAGGING OF CROSS-SECTIONAL TECHNOLOGIES SPANNING OVER SEVERAL SECTIONS OF THE IPC; TECHNICAL SUBJECTS COVERED BY FORMER USPC CROSS-REFERENCE ART COLLECTIONS [XRACs] AND DIGESTS [2013-01]	<input type="button" value="S"/>	<input type="button" value="i"/>

Right/Left

Dots/tree

Notes / Warnings

CPC-specific text

Display 2000 series on/off

References on/off

Revision date stamp

Symbols to the right


« H01L49/00 H01L2021/00 »

Classification and description	Symbol
thermoelectric devices using organic material H01L 35/00 , H01L 37/00 ; piezoelectric, electrostrictive or magnetostrictive elements using organic material H01L 41/00) [2013-01]	
<ul style="list-style-type: none"> • specially adapted for sensing infra-red radiation, light, electro-magnetic radiation of shorter wavelength or corpuscular radiation and adapted for the conversion of the energy of such radiation into electrical energy or for the control of electrical energy by such radiation {using organic materials as the active part, or using a combination of organic materials with other material as the active part; Multistep processes for their manufacture} [2013-01] 	H01L 51/42 <input type="checkbox"/>
<ul style="list-style-type: none"> •• {Metal-organic semiconductor-metal devices} [2013-01] 	H01L 51/4206 <input type="checkbox"/>
<ul style="list-style-type: none"> •• {Comprising organic semiconductor-inorganic semiconductor hetero-junctions} ({ H01L 51/4253 takes precedence }) [2013-01] 	H01L 51/4213 <input type="checkbox"/>
<ul style="list-style-type: none"> ••• {Majority carrier devices using sensitisation of widebandgap semiconductors, e.g. TiO₂} ({ photoelectrochemical devices with a liquid or solid electrolyte H01G 9/20 }) [2013-01] 	H01L 51/422 <input type="checkbox"/>
<ul style="list-style-type: none"> •••• {the wideband gap semiconductor comprising titanium oxide, e.g. TiO₂} [2013-01] 	H01L 51/4226 <input type="checkbox"/>
<ul style="list-style-type: none"> •••• {the wideband gap semiconductor comprising zinc oxide, e.g. ZnO} [2013-01] 	H01L 51/4233 <input type="checkbox"/>
<ul style="list-style-type: none"> •• {comprising organic semiconductor-organic semiconductor hetero-junctions} ({ H01L 51/4253 takes precedence }) [2013-01] 	H01L 51/424 <input type="checkbox"/>

Tree-like structure

Espacenet - Classification search

Search for

View section | [Index](#) | [A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | **[H](#)** | [Y](#)

« H01L49/00 H01L2021/00 »

H01L 51/42
 H01L 51/4206
 H01L 51/4213
 H01L 51/422
 H01L 51/4226
 H01L 51/4233
 H01L 51/424
 H01L 51/4246
 H01L 51/4253
 H01L 51/426
 H01L 51/4266
 H01L 51/4273
 H01L 51/428
 H01L 51/4286
 H01L 51/4293
 H01L 51/44
 H01L 51/441

specially adapted for sensing infra-red radiation, light, electro-magnetic radiation of shorter wavelength or corpuscular radiation and adapted for the conversion of the energy of such radiation into electrical energy or for the control of electrical energy by such radiation { using organic materials as the active part, or using a combination of organic materials with other material as the active part; Multistep processes for their manufacture}
 { Metal-organic semiconductor-metal devices}
 { Comprising organic semiconductor-inorganic semiconductor hetero-junctions }
 ({H01L 51/4253 takes precedence})
 { Majority carrier devices using sensitisation of widebandgap semiconductors, e.g. TiO2 }
 ({photoelectrochemical devices with a liquid or solid electrolyte H01G 9/20})
 { the wideband gap semiconductor comprising titanium oxide, e.g. TiO2}
 { the wideband gap semiconductor comprising zinc oxide, e.g. ZnO}
 { comprising organic semiconductor-organic semiconductor hetero-junctions }
 ({H01L 51/4253 takes precedence})
 { comprising multi-junctions, e.g. double hetero-junctions}
 { comprising bulk hetero-junctions, e.g. interpenetrating networks}
 { comprising inorganic nanostructures, e.g. CdSe nano particles}
 { the inorganic nanostructures being nano-tubes or nano-wires, e.g. CdTe nano-tubes in P3HT}
 { comprising blocking layers, e.g. exciton blocking layers}
 { light sensitive field effect devices}
 { Devices having a m-i-s structure}
 { Devices having a p-i-n structure}
 Details of devices
 { Electrodes}

Notes and Warnings

Espacenet - Classification search

Search for Search

View section | Index | A | B | C | D | E | F | G | **H** | Y

« H01L49/00 H01L2021/00 »

H01L 39/00 **Devices using superconductivity; Processes or apparatus peculiar to the manufacture or treatment thereof or of parts thereof** (devices consisting of a plurality of solid state components formed in or on a common substrate [H01L 27/00](#); {light detection [G01J](#), [G02F 2/00](#); application to memories [G11C 11/44](#), [G11C 15/00](#), [G11C 19/32](#); superconducting conductors cables or transmission lines [H01B 12/00](#); {microwaves [H01P 7/00](#), [H01P 11/00](#); superconductive coils or windings [H01F](#); amplifiers using superconductivity [H03F 19/00](#); {impulse generators and logic circuits [H03K 3/38](#), [H03K 17/92](#), [H03K 19/195](#); lasers [H01S 3/00](#), [H01S 5/00](#)})

Notes

i In this group, in the absence of an indication to the contrary, an invention is classified in the last appropriate place

H01L 41/00 **Piezo-electric devices in general; Electrostrictive devices in general; Magnetostrictive devices in general; Processes or apparatus specially adapted for the manufacture or treatment thereof or of parts thereof; Details thereof** (devices consisting of a plurality of solid-state components formed in or on a common substrate [H01L 27/00](#))

Warnings

! [H01L41/22](#) - 41/47 correspond to IPC2013.01. Concordance CPC : IPC for these groups is as follows: - [H01L41/22](#) - 41/37 : [H01L41/22](#) - [H01L41/39](#) - 41/43 : [H01L41/24](#) - [H01L41/45](#) : [H01L41/26](#) - [H01L41/47](#) : [H01L41/22](#) 2. Pending reorganisation, the groups [H01L41/23](#) to [H01L41/47](#) are not complete; see provisionally also [H01L41/22](#)

CPC vs IPC

Espacenet - Classification search

Search for Search

View section | Index | A | B | C | D | E | F | G | H | Y

« H01L49/00 H01L2021/00 »

Selected classifications
nothing selected

Find patents
Copy to search form

Symbol	Classification and description
<input type="checkbox"/> H01L 51/42	• specially adapted for sensing infra-red radiation, light, electro-magnetic radiation of shorter wavelength or corpuscular radiation and adapted for the conversion of the energy of such radiation into electrical energy or for the control of electrical energy by such radiation { using organic materials as the active part, or using a combination of organic materials with other material as the active part; Multistep processes for their manufacture}
<input type="checkbox"/> H01L 51/4206	•• { Metal-organic semiconductor-metal devices}
<input type="checkbox"/> H01L 51/4213	•• { Comprising organic semiconductor-inorganic semiconductor hetero-junctions } (H01L 51/4253 takes precedence)
<input type="checkbox"/> H01L 51/422	••• { Majority carrier devices using sensitisation of widebandgap semiconductors, e.g. TiO2 } (photoelectrochemical devices with a liquid or solid electrolyte H01G 9/20)
<input type="checkbox"/> H01L 51/4226	•••• { the wideband gap semiconductor comprising titanium oxide, e.g. TiO2}
<input type="checkbox"/> H01L 51/4233	•••• { the wideband gap semiconductor comprising zinc oxide, e.g. ZnO}
<input type="checkbox"/> H01L 51/424	•• { comprising organic semiconductor-organic semiconductor hetero-junctions } (H01L 51/4253 takes precedence)
<input type="checkbox"/> H01L 51/4246	••• { comprising multi-junctions, e.g. double hetero-junctions}
<input type="checkbox"/> H01L 51/4253	•• { comprising bulk hetero-junctions, e.g. interpenetrating networks}
<input type="checkbox"/> H01L 51/426	••• { comprising inorganic nanostructures, e.g. CdSe nano particles}
<input type="checkbox"/> H01L 51/4266	•••• { the inorganic nanostructures being nano-tubes or nano-wires, e.g. CdTe nano-tubes in P3HT}
<input type="checkbox"/> H01L 51/4273	••• { comprising blocking layers, e.g. exciton blocking layers}
<input type="checkbox"/> H01L 51/428	•• { light sensitive field effect devices}
<input type="checkbox"/> H01L 51/4286	•• { Devices having a m-i-s structure}
<input type="checkbox"/> H01L 51/4293	•• { Devices having a p-i-n structure}
<input type="checkbox"/> H01L 51/44	•• Details of devices
<input type="checkbox"/> H01L 51/441	••• { Electrodes}
<input type="checkbox"/> H01L 51/442	•••• { transparent electrodes, e.g. ITO, TCO}
<input type="checkbox"/> H01L 51/444	••••• { comprising carbon nano-tubes}

IPC → H01L 51/42

CPC → H01L 51/4253

CPC vs IPC

Espacenet - Classification search

Search for Search

View section | Index | A | B | C | D | E | F | G | **H** | Y |

« H01L49/00 H01L2021/00 »

Selected classifications
nothing selected
Find patents
Copy to search form

← → [Grid] [List] [Info] **CPC** [More] 2000

Symbol	Classification and description
<input type="checkbox"/> H01L 51/42	• specially adapted for sensing infra-red radiation, light, electro-magnetic radiation of shorter wavelength or corpuscular radiation and adapted for the conversion of the energy of such radiation into electrical energy or for the control of electrical energy by such radiation {using organic materials as the active part, or using a combination of organic materials with other material as the active part; Multistep processes for their manufacture}
<input type="checkbox"/> H01L 51/4206	•• {Metal-organic semiconductor-metal devices}
<input type="checkbox"/> H01L 51/4213	•• {Comprising organic semiconductor-inorganic semiconductor hetero-junctions} (H01L 51/4253 takes precedence)
<input type="checkbox"/> H01L 51/422	••• {Majority carrier devices using sensitisation of widebandgap semiconductors, e.g. TiO ₂ } (photoelectrochemical devices with a liquid or solid electrolyte H01G 9/20)
<input type="checkbox"/> H01L 51/4226	•••• {the wideband gap semiconductor comprising titanium oxide, e.g. TiO ₂ }
<input type="checkbox"/> H01L 51/4233	•••• {the wideband gap semiconductor comprising zinc oxide, e.g. ZnO}
<input type="checkbox"/> H01L 51/424	•• {comprising organic semiconductor-organic semiconductor hetero-junctions} (H01L 51/4253 takes precedence)
<input type="checkbox"/> H01L 51/4246	••• {comprising multi-junctions, e.g. double hetero-junctions}
<input type="checkbox"/> H01L 51/4253	•• {comprising bulk hetero-junctions, e.g. interpenetrating networks}
<input type="checkbox"/> H01L 51/426	••• {comprising inorganic nanostructures, e.g. CdSe nano particles}
<input type="checkbox"/> H01L 51/4266	•••• {the inorganic nanostructures being nano-tubes or nano-wires, e.g. CdTe nano-tubes in P3HT}
<input type="checkbox"/> H01L 51/4273	••• {comprising blocking layers, e.g. exciton blocking layers}
<input type="checkbox"/> H01L 51/428	•• {light sensitive field effect devices}
<input type="checkbox"/> H01L 51/4286	•• {Devices having a m-i-s structure}
<input type="checkbox"/> H01L 51/4293	•• {Devices having a p-i-n structure}
<input type="checkbox"/> H01L 51/44	•• Details of devices

IPC → H01L 51/42

IPC → H01L 51/4293

CPC → H01L 51/42

CPC → H01L 51/4293

Revision date stamps

Espacenet - Classification search

Search for Search

View section | Index | A | B | C | D | E | F | G | **H** | Y

« H01L49/00 H01L2021/00 »

H01L 51/42 • specially adapted for sensing infra-red radiation, light, electro-magnetic radiation of shorter wavelength or corpuscular radiation and adapted for the conversion of the energy of such radiation into electrical energy or for the control of electrical energy by such radiation { using organic materials as the active part, or using a combination of organic materials with other material as the active part; Multistep processes for their manufacture} [2012-10-12]

H01L 51/4206 ••{ Metal-organic semiconductor-metal devices} [2012-10-12]

H01L 51/4213 ••{ Comprising organic semiconductor-inorganic semiconductor hetero-junctions } ((**H01L 51/4253** takes precedence)) [2012-10-12]

H01L 51/422 •••{ Majority carrier devices using sensitisation of widebandgap semiconductors, e.g. TiO2 } ((photoelectrochemical devices with a liquid or solid electrolyte **H01G 9/20**)) [2012-10-12]

H01L 51/4226 ••••{ the wideband gap semiconductor comprising titanium oxide, e.g. TiO2} [2012-10-12]

H01L 51/4233 ••••{ the wideband gap semiconductor comprising zinc oxide, e.g. ZnO} [2012-10-12]

H01L 51/424 ••{ comprising organic semiconductor-organic semiconductor hetero-junctions } ((**H01L 51/4253** takes precedence)) [2012-10-12]

H01L 51/4246 •••{ comprising multi-junctions, e.g. double hetero-junctions} [2012-10-12]

H01L 51/4253 ••{ comprising bulk hetero-junctions, e.g. interpenetrating networks} [2012-10-12]

H01L 51/426 •••{ comprising inorganic nanostructures, e.g. CdSe nano particles} [2012-10-12]

H01L 51/4266 ••••{ the inorganic nanostructures being nano-tubes or nano-wires, e.g. CdTe nano-tubes in P3HT} [2012-10-12]

H01L 51/4273 ••••{ comprising blocking layers, e.g. exciton blocking layers} [2012-10-12]

H01L 51/428 ••{ light sensitive field effect devices} [2012-10-12]

Key features scheme browser

CPC classification browser

Search functionality →

Radio buttons:

- Toggle IPC vs CPC
- Show notes & warnings
- Toggle dot/tree view

Sub-section text →

Guidance headings →

Expand main groups where possible →

Cooperative Patent Classification













Search for View section | Index | **A** | B | C | D | E | F | G | H | Y

« A01B11/00 A01B15/00 »

Symbol	Classification and description
<input type="checkbox"/> A	HUMAN NECESSITIES
<input type="checkbox"/> A	Agriculture
<input type="checkbox"/> A01	AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING
<input type="checkbox"/> A01B	SOIL WORKING IN AGRICULTURE OR FORESTRY; PARTS, DETAILS, OR ACCESSORIES OF AGRICULTURAL MACHINES OR IMPLEMENTS, IN GENERAL (making or covering furrows or holes for sowing, planting, or manuring A01C5/00; soil working for engineering purposes E01, E02, E21; {measuring areas for agricultural purposes G01B})
<input type="checkbox"/> A01B 1/00 [+]	Hand tools (edge trimmers for lawns A01G3/06; {machines for working soil A01B35/00; making hand tools B21D})
<input type="checkbox"/> A01B 3/00 [+]	Ploughs
<input type="checkbox"/> A01B 3/00 [+]	Ploughs with fixed plough-shares
<input type="checkbox"/> A01B 5/00 [+]	Ploughs with rolling non-driven tools, e.g. discs (with rotary driven tools A01B9/00)
<input type="checkbox"/> A01B 7/00	Disc-like soil-working implements usable either as ploughs or as harrows, or the like
<input type="checkbox"/> A01B 9/00 [-]	Ploughs with rotary driven tools (tilling implements with rotary driven tools A01B33/00)
<input type="checkbox"/> A01B 11/00	Ploughs with oscillating, digging or piercing tools {driven or not}
<input type="checkbox"/> A01B 13/00 [-]	Ploughs or like machines for special purposes ; (for drainage E02B11/02) {Ditch diggers, trench ploughs, forestry ploughs, ploughs for land or marsh reclamation (machines for aerating meadows A01B45/02; making furrows A01C5/00; dredging machines in general E02F)}
<input type="checkbox"/> A01B 13/02	• for making or working ridges, e.g. with symmetrically arranged mouldboards, {e.g. ridging plough}
<input type="checkbox"/> A01B 13/025	•• {with passively driven rotating disc-like elements for forming the ridge}
<input type="checkbox"/> A01B 13/04	• for working in vineyards, orchards, or the like
<input type="checkbox"/> A01B 13/06	•• Arrangements for preventing damage to the vines, or the like, {e.g. hydraulic (machines specially adapted for working in vineyards A01B39/16)}
<input type="checkbox"/> A01B 13/08	• for working subsoil
<input type="checkbox"/> A01B 13/10	•• Special implements for lifting subsoil layers
<input type="checkbox"/> A01B 13/12	••• Means for distributing the layers on the surface
<input type="checkbox"/> A01B 13/14	• for working soil in two or more layers
<input type="checkbox"/> A01B 13/16	• Machines for combating erosion, e.g. basin-diggers, furrow-dammers
<input type="checkbox"/> A01B 15/00 [+]	Elements, tools, or details of ploughs

Links to Definitions and Scheme

- Icons to open PDF files
- Definitions and Scheme

Symbol	Classification and description	
	OBTAIN FIBRES OF FILAMENTS, e.g. FOR SPINNING (crude extraction of asbestos fibres from ores B03B ; apparatus for retting D01C) [2013-01]	
<input type="checkbox"/> D01C	CHEMICAL TREATMENT OF NATURAL FILAMENTARY OR FIBROUS MATERIAL TO OBTAIN FILAMENTS OR FIBRES FOR SPINNING; CARBONISING RAGS TO RECOVER ANIMAL FIBRES [2013-01]	  
<input type="checkbox"/> D01D	MECHANICAL METHODS OR APPARATUS IN THE MANUFACTURE OF ARTIFICIAL FILAMENTS, THREADS, FIBRES, BRISTLES OR RIBBONS [2013-01]	   
<input type="checkbox"/> D01F	CHEMICAL FEATURES IN THE MANUFACTURE OF ARTIFICIAL FILAMENTS, THREADS, FIBRES, BRISTLES OR RIBBONS; APPARATUS SPECIALLY ADAPTED FOR THE MANUFACTURE OF CARBON FILAMENTS [2013-01]	 
<input type="checkbox"/> D01G	PRELIMINARY TREATMENT OF FIBRES, e.g. FOR SPINNING (winding or unwinding, conducting or guiding laps, webs, slivers or rovings in general, sliver or roving cans, depositing in sliver or roving cabs B65H ; preparation of fibres for paper-making D21) [2013-01]	  

- Future version of OPS will have Definitions XML (and concordance list XML).

Key features CPC search

CPC classification browser

Search for or pick a section: Index | A | B | C | D | E | F | G | H | Y

statistical results →

Symbol	Classification and description
★ ★ ★ ★ ★ <input type="checkbox"/> A01M1/00	Stationary means for catching or killing insects {for repelling A01M29/00}
★ ★ ★ ★ ★ <input type="checkbox"/> H01L27/00	Devices consisting of a plurality of semiconductor or other solid state components formed in or on a common substrate (processes or apparatus specially adapted for the manufacture or treatment thereof or of parts thereof H01L21/70, H01L31/00 to H01L51/00; details thereof H01L23/00, H01L29/00 to H01L51/00; assemblies consisting of a plurality of individual solid state devices H01L25/00; assemblies of electrical components in general H05K)
★ ★ ★ ★ ★ <input type="checkbox"/> H01L21/00	Processes or apparatus adapted for the manufacture or treatment of semiconductor or solid state devices or of parts thereof (processes or apparatus peculiar to the manufacture or treatment of devices provided for in groups H01L31/00 to H01L51/00 or of parts thereof, see these groups; single-step processes covered by other subclasses, see the relevant subclasses, e.g. C23C, C30B; photomechanical production of textured or patterned surfaces, materials or originals therefor, apparatus specially adapted therefor, in general G03F) {testing or measuring during manufacture or treatment, or reliability measurements H01L22/00; multistep manufacturing processes for passive two-terminal components without a potential-jump or surface barrier for integrated circuits H01L28/00;}

ability to expand results →

★ ★ ★ ★ ★ <input type="checkbox"/> A01M23/00	Traps for animals
<input type="checkbox"/> A01M 23/005	• {with sticky surfaces (for insects A01M1/14)}
<input checked="" type="checkbox"/> A01M 23/02	• Collecting-traps
<input checked="" type="checkbox"/> A01M 23/04	• • with tipping platforms
<input checked="" type="checkbox"/> A01M 23/06	• • • with locking mechanism for the tipping platform
<input checked="" type="checkbox"/> A01M 23/08	• • with approaches permitting entry only
<input checked="" type="checkbox"/> A01M 23/10	• • with rotating cylinders or turnstiles
<input checked="" type="checkbox"/> A01M 23/12	• • with devices for throwing the animal to a collecting chamber
<input checked="" type="checkbox"/> A01M 23/14	• • Other traps automatically reset
<input type="checkbox"/> A01M 23/16	• Box traps
<input type="checkbox"/> A01M 23/18	• • with pivoted closure flaps
<input type="checkbox"/> A01M 23/20	• • with dropping doors or slides
<input type="checkbox"/> A01M 23/22	• • with dropping covers
<input type="checkbox"/> A01M 23/24	• jaw or like spring traps {Spring traps, e.g.}
<input type="checkbox"/> A01M 23/245	• • {Auxiliary devices for spring traps, e.g. attaching systems}
<input type="checkbox"/> A01M 23/26	• • of the double-jaw or pincer type
<input type="checkbox"/> A01M 23/265	• • • {of the pincer type}
<input type="checkbox"/> A01M 23/28	• • • Jaw trap setting-devices
<input type="checkbox"/> A01M 23/30	• • Break-back traps, {i.e. mouse-trap type}

Selected classifications

What's new (Dec 2013)?

Combination Sets

SALTS OF 3-PENTYLPHENYLACETIC ACID AND PHARMACEUTICAL USES THEREOF

Page bookmark	PT2427417 (E) - SALTS OF 3-PENTYLPHENYLACETIC ACID AND PHARMACEUTICAL USES THEREOF
Inventor(s):	PENNEY CHRISTOPHER [CA]; ZACHARIE BOULOS [CA]; GAGNON LYNE [CA]; GROUX BRIGITTE [CA]; BIENVENU JEAN-FRANCOIS [CA]; PERRON VALERIE [CA] ±
Applicant(s):	PROMETIC BIOSCIENCES INC [CA] ±
Classification:	<p>- international: A61K31/192; C07C51/353; C07C51/36; C07C51/41; C07C57/30</p> <p>- cooperative: A61K31/192; C07C51/412; C07C57/30; C07C67/303; C07C67/343 → more</p>
Application number:	PT20100771941T 20100503
Priority number(s):	US20090175215P 20090504



Classification:	<p>- international: A61K31/192; C07C51/353; C07C51/36; C07C51/41; C07C57/30</p> <p>- cooperative: default A61K31/192; C07C51/412; C07C57/30; C07C67/303; C07C67/343</p> <p>C-sets C07C51/412, C07C57/30; C07C67/303, C07C69/612; C07C67/343, C07C69/618</p> <p style="text-align: right;">→ less</p>
------------------------	--

PT20100771941T 20100503

CPCNO data

Classification: - international: *C09J201/00; C09J5/00; C09J7/02; H01L21/301*

- cooperative default: C09J7/0207; H01L21/6836; H01L21/78; H01L24/27; H01L24/29; H01L24/83; C09J2201/36; C09J2203/326; H01L21/67132; H01L2221/68318; H01L2221/68327; H01L2221/68336; H01L2221/68359; H01L2224/27436; H01L2224/2919

CPCNO: C09J7/0207; H01L21/6836; H01L21/78; H01L24/27; H01L24/29; H01L24/83; C09J2201/36; C09J2203/326; H01L21/67132; H01L2221/68318; H01L2221/68327; H01L2221/68336; H01L2221/68359; H01L2224/27436; H01L2224/2919

C-sets: - H01L2224/2919, H01L2924/0665, H01L2924/00,
- H01L2924/0665, H01L2924/00,
- H01L2924/0132, H01L2924/01031, H01L2924/01033, H01L2224/73265,
H01L2224/32225, H01L2224/48227, H01L2924/00012, H01L2924/15311,
H01L2224/73265 %2, H01L2224/32225 %2, H01L2224/48227 %2, H01L2924/00,
- H01L2224/92247, H01L2224/73265,
- H01L2224/32225, H01L2224/48227, H01L2924/00,
- H01L2924/3512, H01L2924/00

→ [less](#)

What's coming next?



Further breakdown CPC symbols as interleaved

G01W METEOROLOGY (...)

- G01W 1/00** Meteorology
- G01W 2001/003** •Clear air turbulence detection or forecasting, e.g. for aircrafts
- G01W 2001/006** •Main server receiving weather information from several sub-stations
- G01W 1/02** •Instruments for indicating weather conditions by measuring two or more variables, e.g. humidity, pressure, temperature, cloud cover, wind speed (...)
- G01W 1/04** ••giving only separate indications of the variables measured
- G01W 1/06** ••giving a combined indication of weather conditions (...)
- G01W 1/08** •Adaptations of balloons, missiles, or aircraft for meteorological purposes; Radiosondes (...)
- G01W 1/10** •Devices for predicting weather conditions (...)

Thank you for your attention!

www.cpcinfo.org

cpc@epo.org