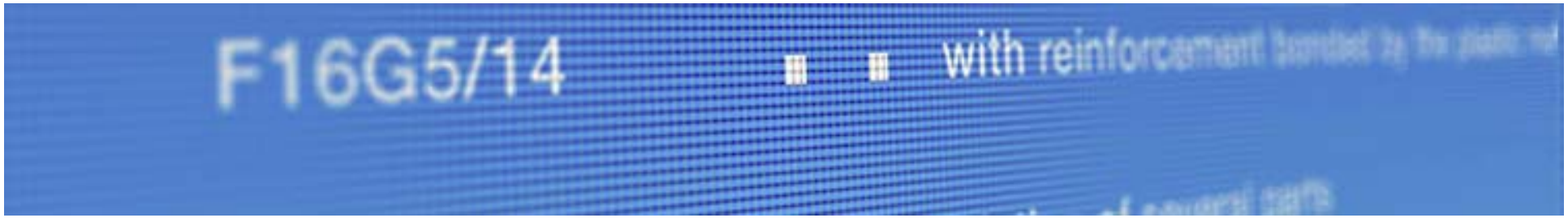
CPC in Espacenet

Pierre HELD
Directorate Classification, EPO



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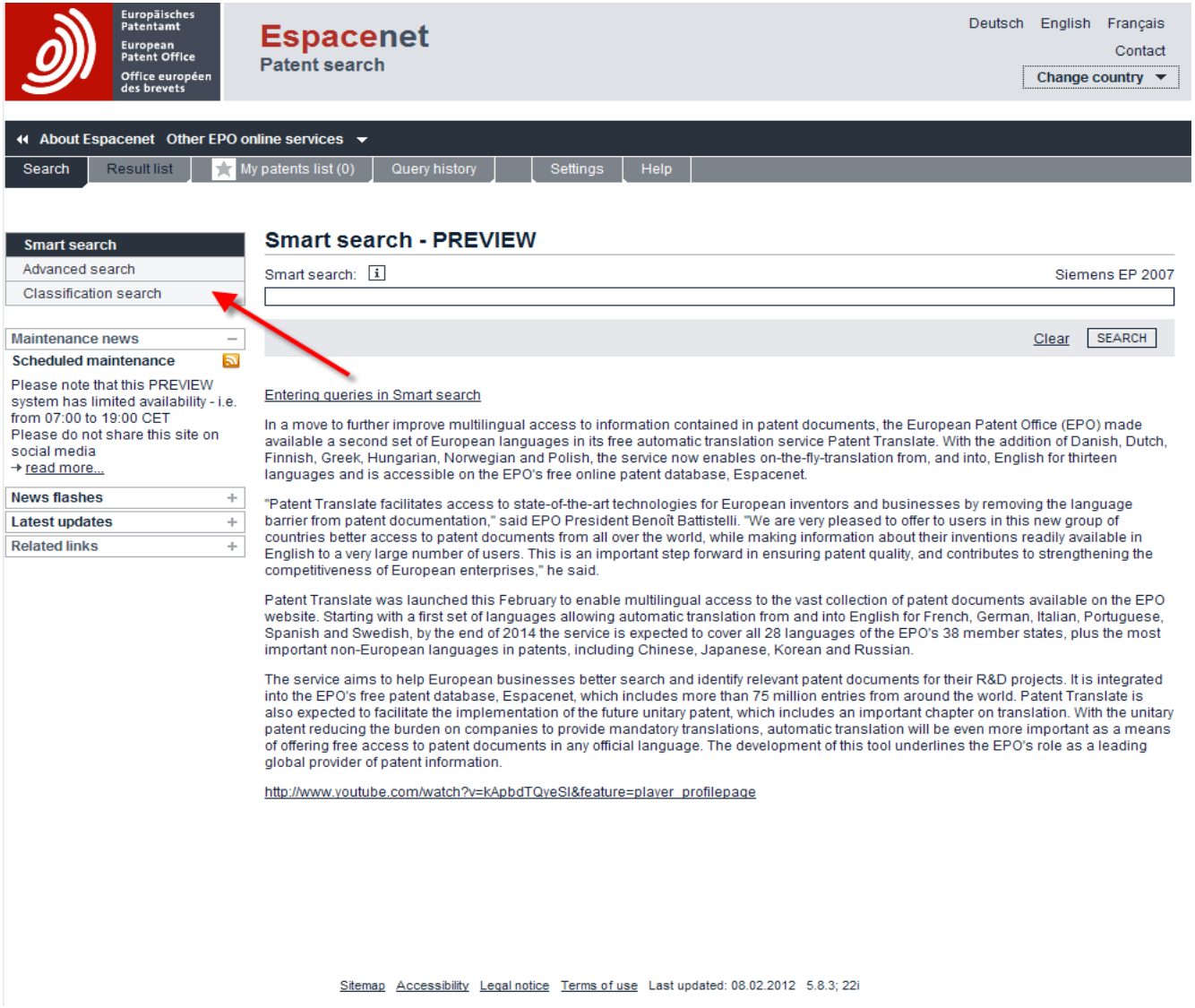
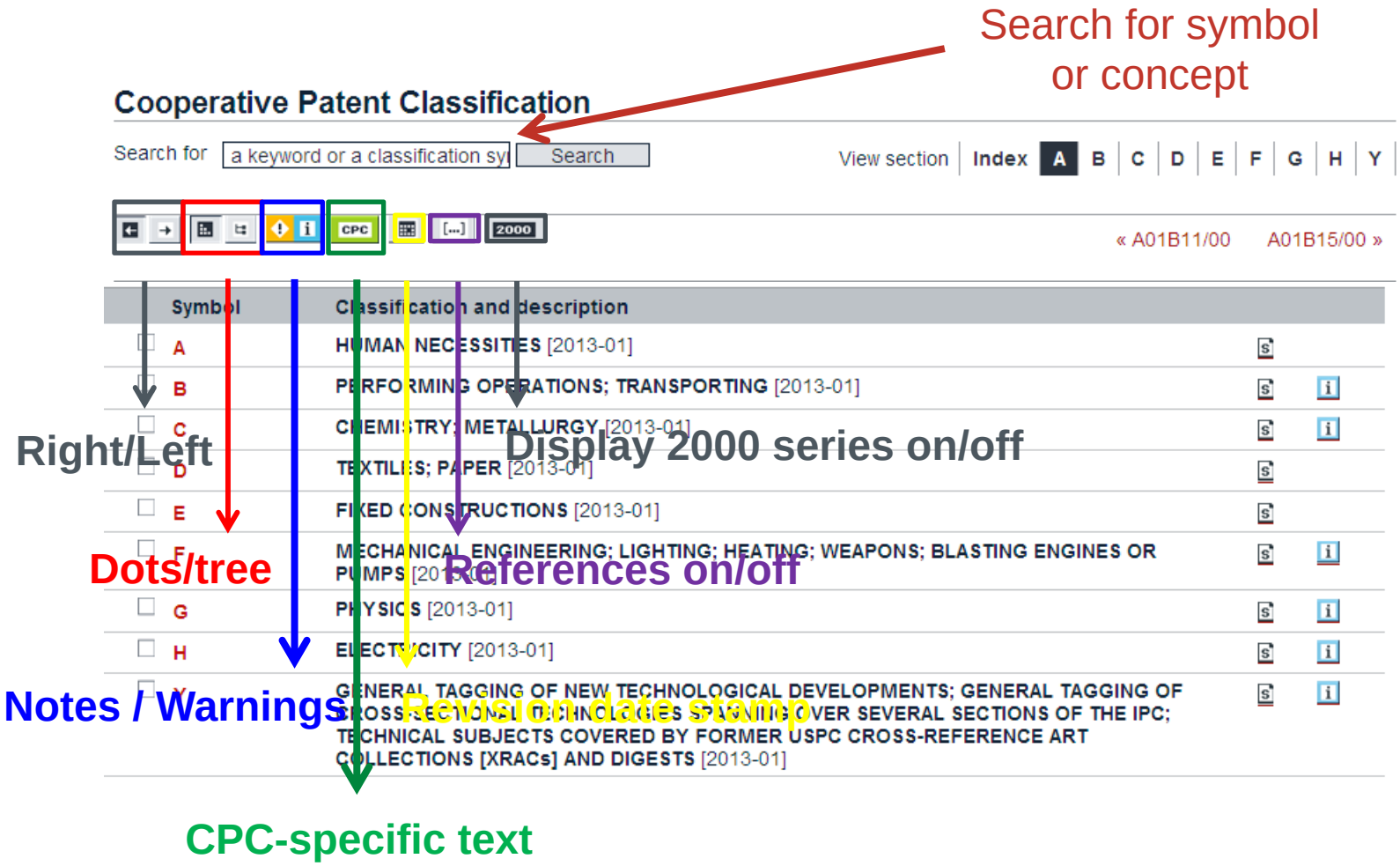
http://worldwide.espacenet.com/

CPC in Espacenet

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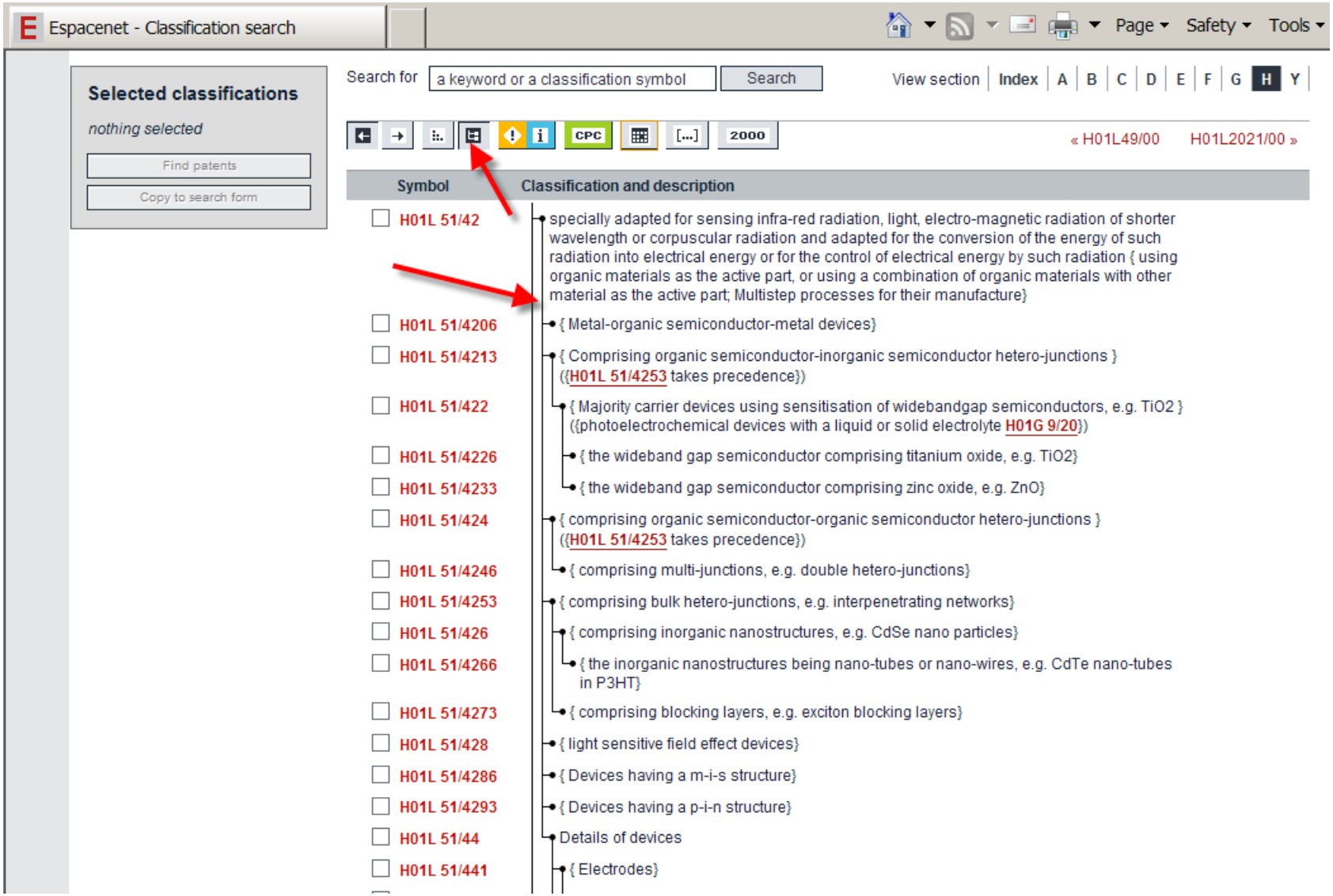
[...]
2000
« A01B11/00
A01B15/00 »
Symbol
Classification and description
A HUMAN NECESSITIES [2013-01]
B PERFORMING OPERATIONS; TRANSPORTING [2013-01]
C CHEMISTRY; METALLURGY [2013-01]
D TEXTILES; PAPER [2013-01]
E FIXED CONSTRUCTIONS [2013-01]
F MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING ENGINES OR PUMPS [2013-01]
G PHYSICS [2013-01]
H ELECTRICITY [2013-01]
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]
Right/Left
Display 2000 series on/off
Dots/tree
References on/off
Notes / Warnings
Revision date stamp
CPC-specific text

Symbols to the right

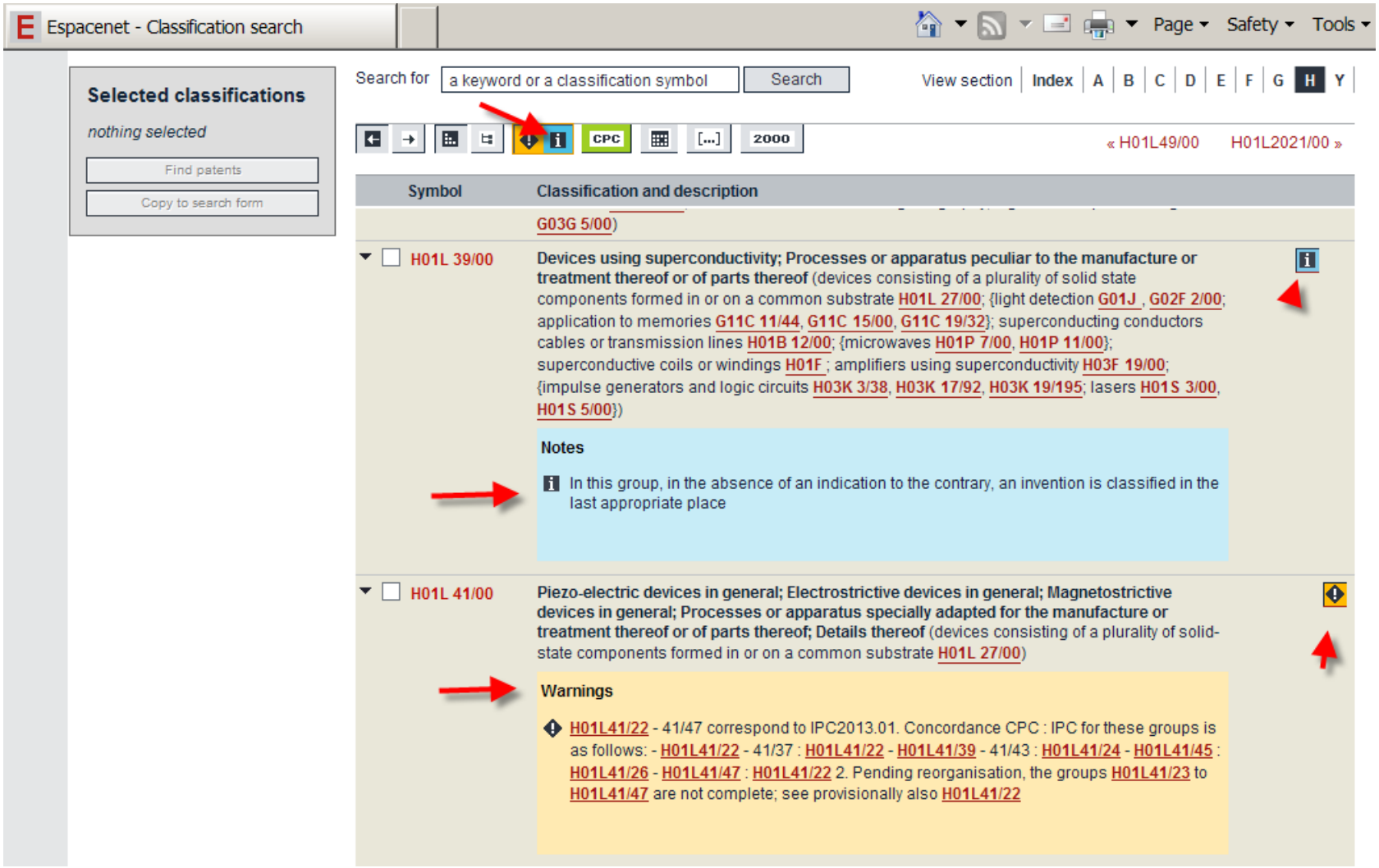
« H01L49/00 H01L2021/00 »

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]	
•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** ☐
••{Metal-organic semiconductor-metal devices} [2013-01]	**H01L 51/4206** ☐
••{Comprising organic semiconductor-inorganic semiconductor hetero-junctions} ({ **H01L 51/4253** takes precedence }) [2013-01]	**H01L 51/4213** ☐
•••{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** ☐
••••{the wideband gap semiconductor comprising titanium oxide, e.g. TiO2} [2013-01]	**H01L 51/4226** ☐
••••{the wideband gap semiconductor comprising zinc oxide, e.g. ZnO} [2013-01]	**H01L 51/4233** ☐
••{comprising organic semiconductor-organic semiconductor hetero-junctions} ({ **H01L 51/4253** takes precedence }) [2013-01]	**H01L 51/424** ☐

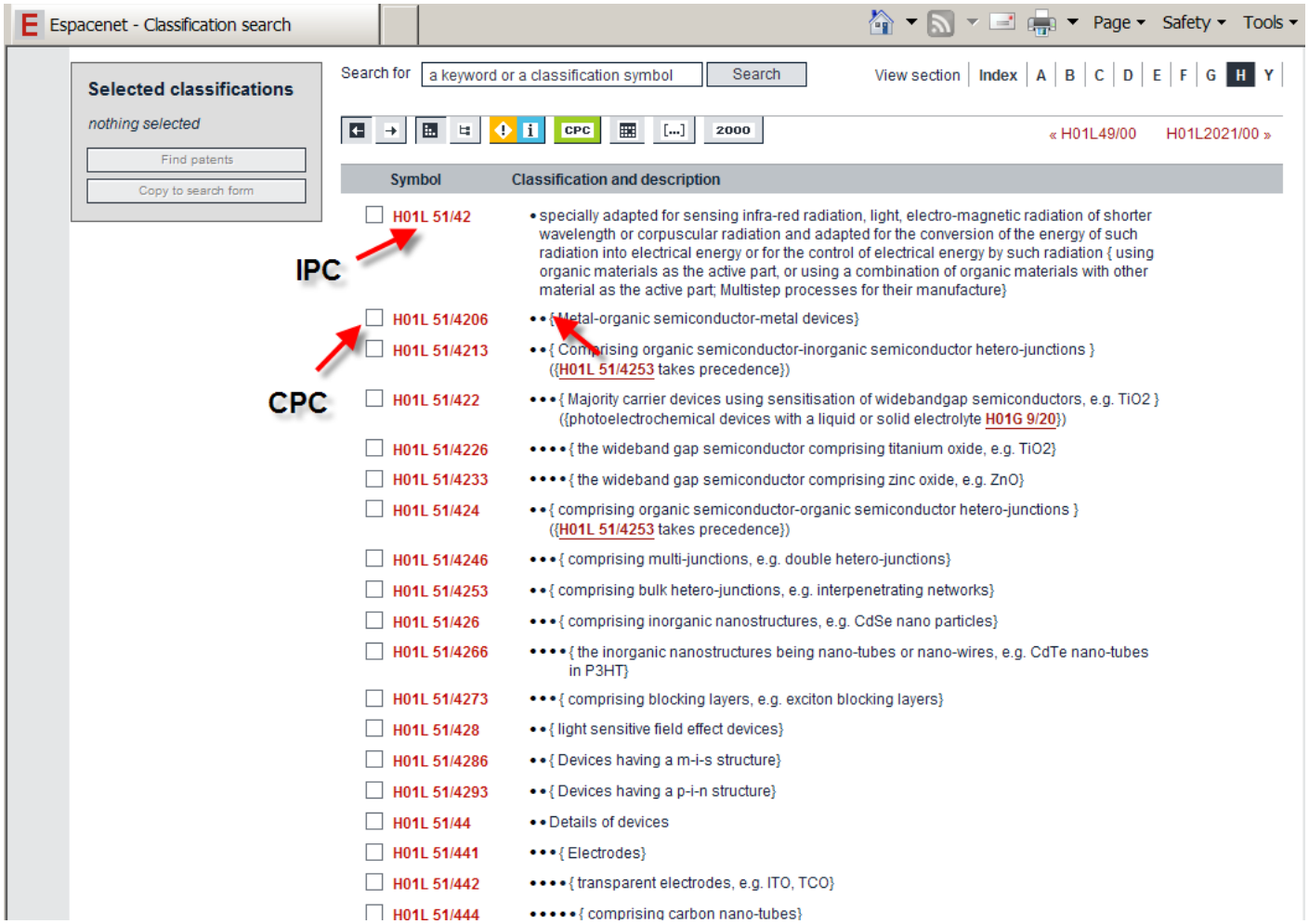
Tree-like structure



Notes and Warnings



CPC vs IPC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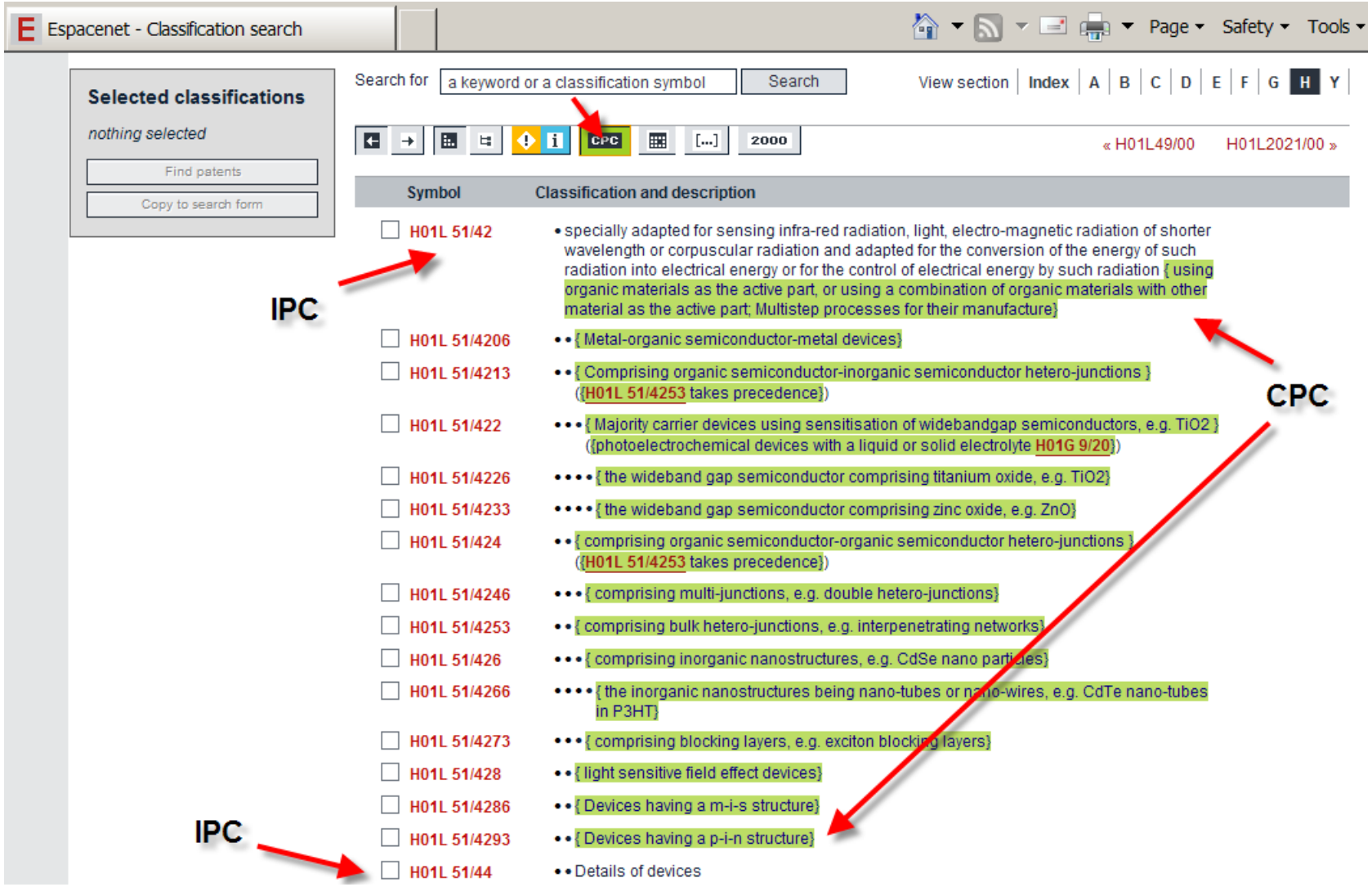
2000
« H01L49/00
H01L2021/00 »
Symbol
Classification and description
IPC
CPC
H01L 51/42
• specially adapted for sensing infra-red radiation, light, electro-magnetic radiation of shorter wavelength or corpuscular radiation and adapted for the conversion of the energy of such radiation into electrical 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}
H01L 51/4206
•• {Metal-organic semiconductor-metal devices}
H01L 51/4213
•• { Comprising organic semiconductor-inorganic semiconductor hetero-junctions } ({H01L 51/4253 takes precedence})
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})
H01L 51/4226
•••• { the wideband gap semiconductor comprising titanium oxide, e.g. TiO2}
H01L 51/4233
•••• { the wideband gap semiconductor comprising zinc oxide, e.g. ZnO}
H01L 51/424
•• { comprising organic semiconductor-organic semiconductor hetero-junctions } ({H01L 51/4253 takes precedence})
H01L 51/4246
••• { comprising multi-junctions, e.g. double hetero-junctions}
H01L 51/4253
•• { comprising bulk hetero-junctions, e.g. interpenetrating networks}
H01L 51/426
••• { comprising inorganic nanostructures, e.g. CdSe nano particles}
H01L 51/4266
•••• { the inorganic nanostructures being nano-tubes or nano-wires, e.g. CdTe nano-tubes in P3HT}
H01L 51/4273
••• { comprising blocking layers, e.g. exciton blocking layers}
H01L 51/428
•• { light sensitive field effect devices}
H01L 51/4286
•• { Devices having a m-i-s structure}
H01L 51/4293
•• { Devices having a p-i-n structure}
H01L 51/44
•• Details of devices
H01L 51/441
••• { Electrodes}
H01L 51/442
•••• { transparent electrodes, e.g. ITO, TCO}
H01L 51/444
••••• { comprising carbon nano-tubes}

CPC vs IPC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2000
« H01L49/00
H01L2021/00 »
Symbol
Classification and description
IPC
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}
CPC
H01L 51/4206
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•••• { the wideband gap semiconductor comprising titanium oxide, e.g. TiO2}
H01L 51/4233
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H01L 51/4246
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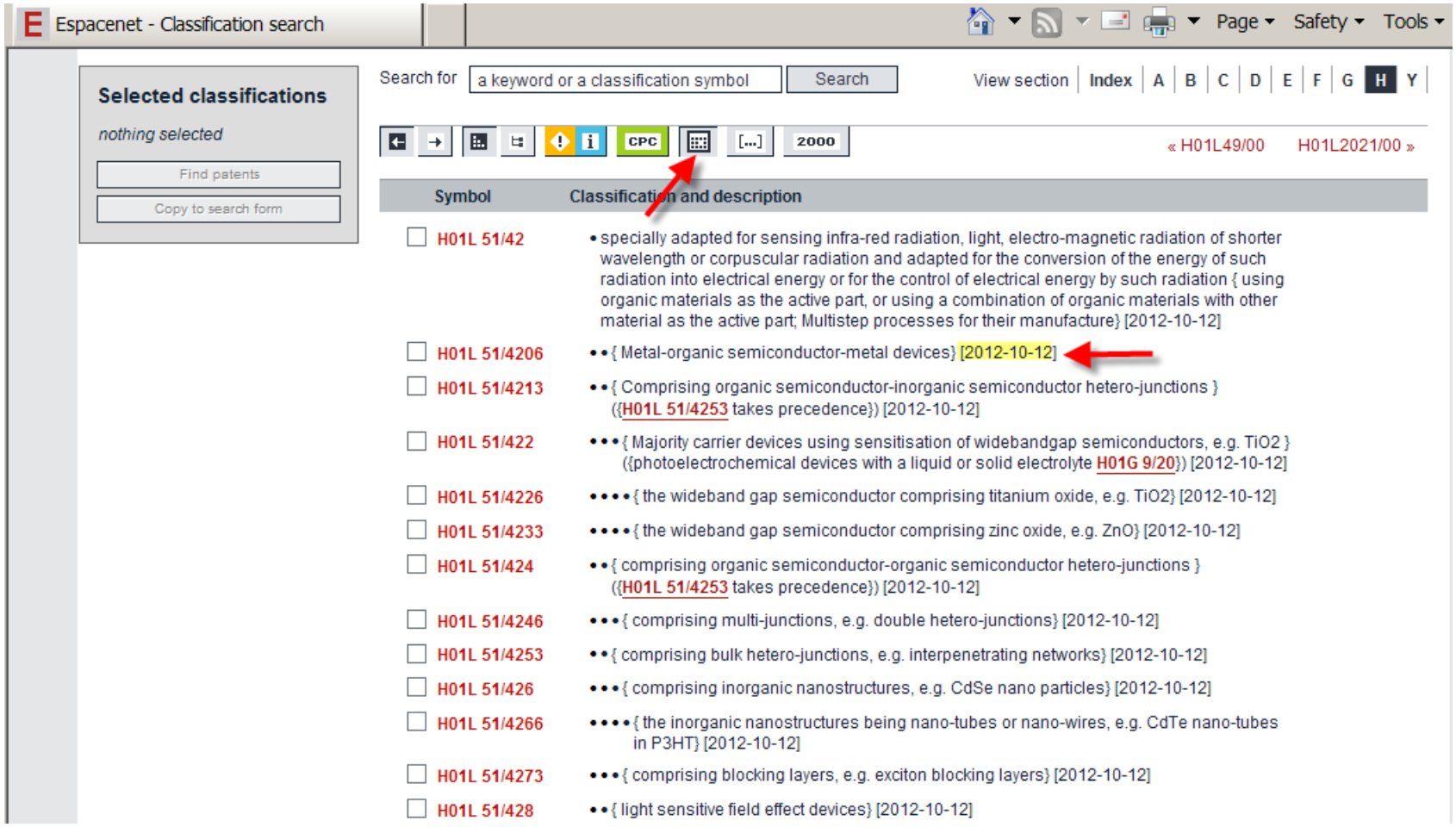
H01L 51/4253
•• { comprising bulk hetero-junctions, e.g. interpenetrating networks}
H01L 51/426
••• { comprising inorganic nanostructures, e.g. CdSe nano particles}
H01L 51/4266
•••• { the inorganic nanostructures being nano-tubes or nano-wires, e.g. CdTe nano-tubes in P3HT}
H01L 51/4273
••• { comprising blocking layers, e.g. exciton blocking layers}
H01L 51/428
•• { light sensitive field effect devices}
H01L 51/4286
•• { Devices having a m-i-s structure}
H01L 51/4293
•• { Devices having a p-i-n structure}
IPC
H01L 51/44
•• Details of devices

Revision date stamps



Key features scheme browser

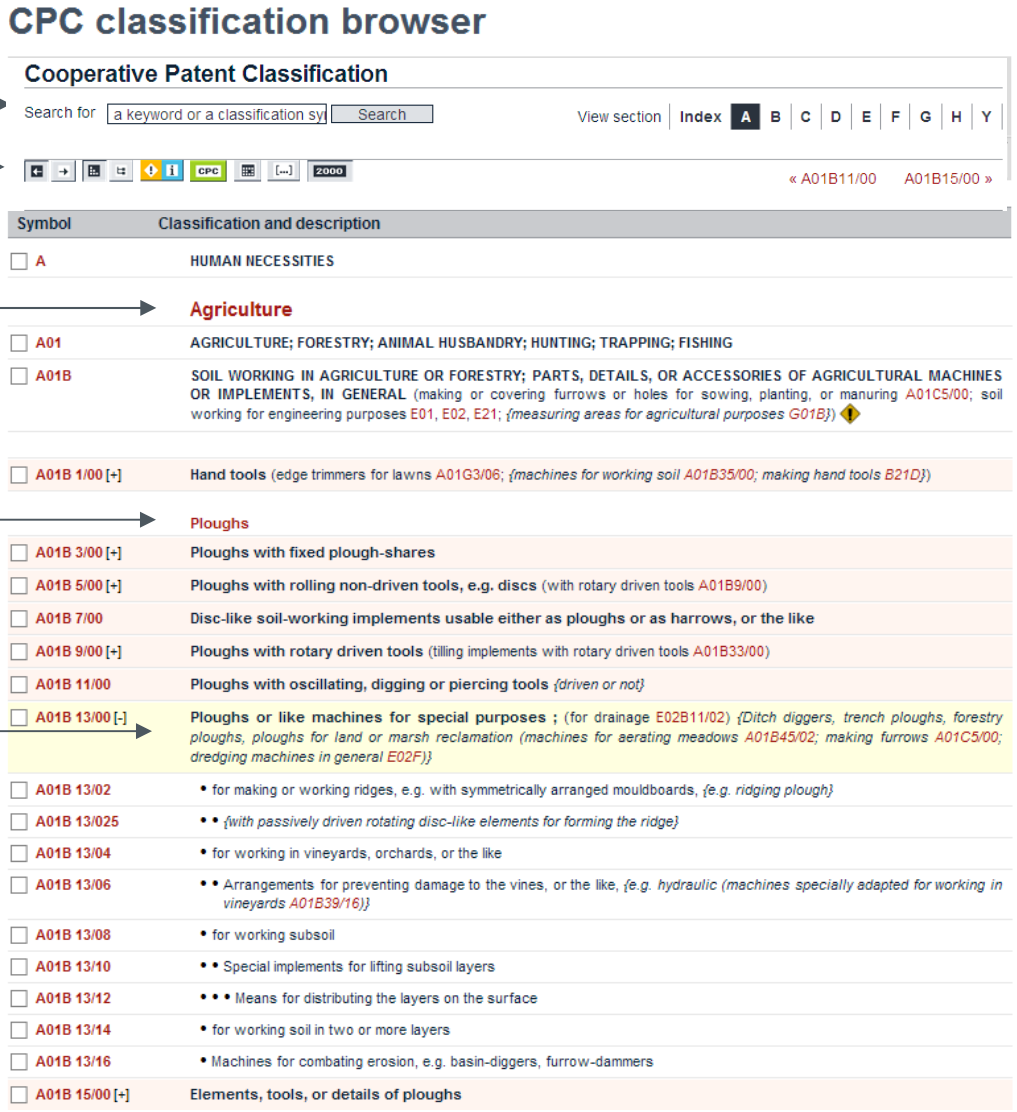
Search functionality

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

Sub-section text

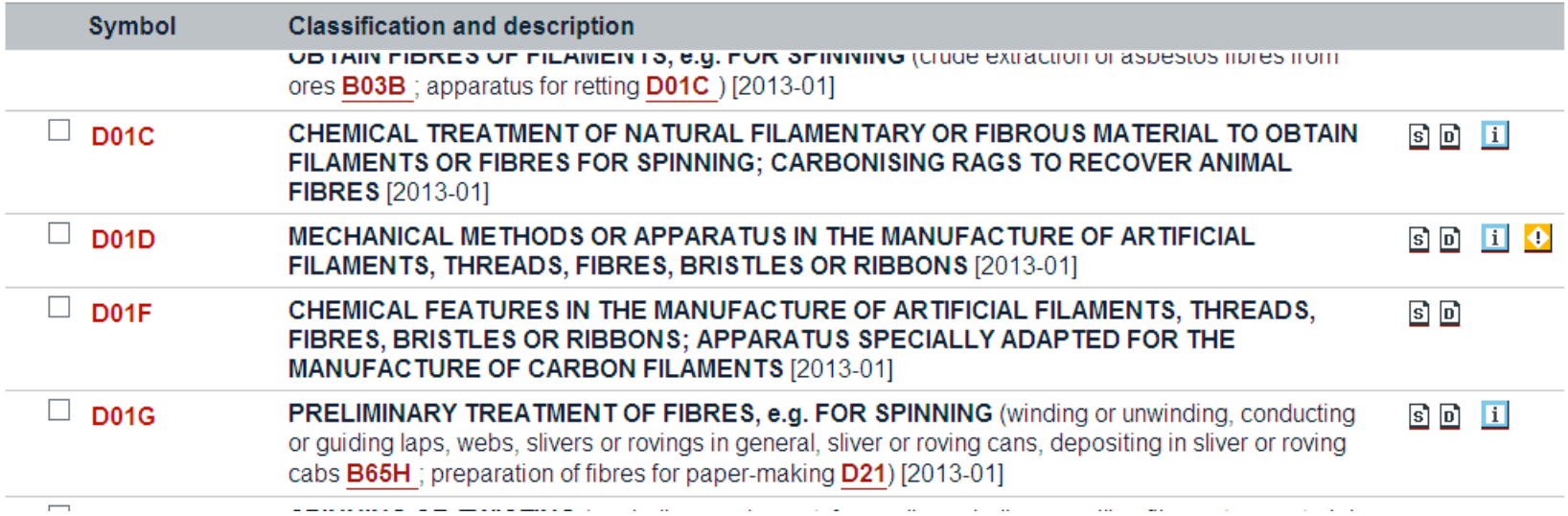
Guidance headings

Expand main groups where possible



Links to Definitions and Scheme

- Icons to open PDF files
- Definitions and Scheme



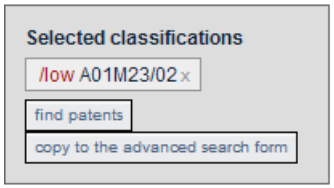
Symbol	Classification and description
	OBTAIN FIBRES OF FILAMENTS, e.g. FOR SPINNING (crude extraction of asbestos fibres from ores B03B ; apparatus for retting D01C) [2013-01]
D01C	**CHEMICAL TREATMENT OF NATURAL FILAMENTARY OR FIBROUS MATERIAL TO OBTAIN FILAMENTS OR FIBRES FOR SPINNING; CARBONISING RAGS TO RECOVER ANIMAL FIBRES** [2013-01]
D01D	**MECHANICAL METHODS OR APPARATUS IN THE MANUFACTURE OF ARTIFICIAL FILAMENTS, THREADS, FIBRES, BRISTLES OR RIBBONS** [2013-01]
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]
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

statistical results →

ability to expand results →



CPC classification browser

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

Symbol	Classification and description
A01M1/00	**Stationary means for catching or killing insects** *{ (for repelling A01M29/00)}*
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)
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;}*)
A01M23/00	**Traps for animals**
A01M 23/005	• *{with sticky surfaces (for insects A01M1/14)}*
A01M 23/02	• Collecting-traps
A01M 23/04	• • with tipping platforms
A01M 23/06	• • • with locking mechanism for the tipping platform
A01M 23/08	• • with approaches permitting entry only
A01M 23/10	• • with rotating cylinders or turnstiles
A01M 23/12	• • with devices for throwing the animal to a collecting chamber
A01M 23/14	• • Other traps automatically reset
A01M 23/16	• Box traps
A01M 23/18	• • with pivoted closure flaps
A01M 23/20	• • with dropping doors or slides
A01M 23/22	• • with dropping covers
A01M 23/24	• jaw or like spring traps *{Spring traps, e.g.}*
A01M 23/245	• • *{Auxiliary devices for spring traps, e.g. attaching systems}*
A01M 23/26	• • of the double-jaw or pincer type
A01M 23/265	• • • *{of the pincer type}*
A01M 23/28	• • • Jaw trap setting-devices
A01M 23/30	• • Break-back traps, *{i.e. mouse-trap type}*

What's new (Dec 2013)? Combination Sets

SALTS OF 3-PENTYLPHENYLACETIC ACID AND PHARMACEUTICAL USES THEREOF

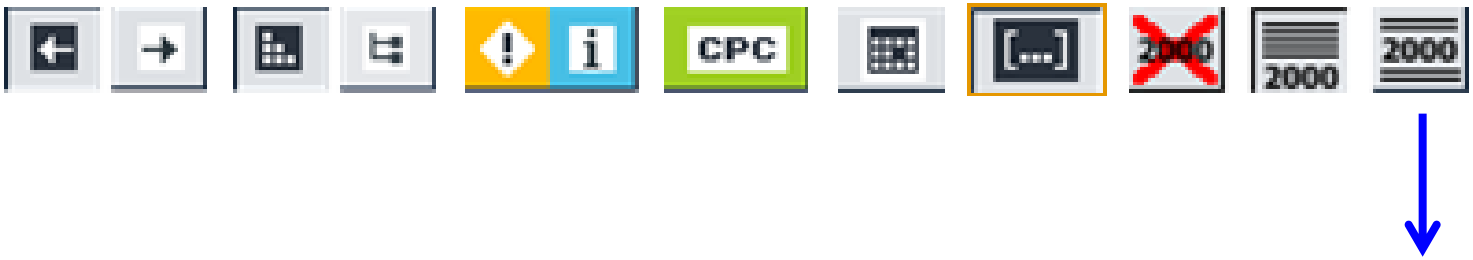
Page bookmark	PT2427417 (E) - SALTS OF 3-PENTYLPHENYLACETIC ACID AND PHARMACEUTICAL USES THEREOF
Inventor(s):	PENNEY CHRISTOPHER [CA]; ZACHARIE BOULOS [CA]; GAGNON LYNE [CA]; GROUIX BRIGITTE [CA]; BIENVENU JEAN-FRANCOIS [CA]; PERRON VALERIE [CA] +
Applicant(s):	PROMETIC BIOSCIENCES INC [CA] +
Classification: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

Classification:	**- international:**	***A61K31/192; C07C51/353; C07C51/36; C07C51/41; C07C57/30***
	- cooperative:	**default** A61K31/192; C07C51/412; C07C57/30; C07C67/303; C07C67/343
		C-sets C07C51/412, C07C57/30; C07C67/303, C07C69/612; C07C67/343, C07C69/618 → less

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!

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