



IPC - International Patent Classification

IPC-Related Internet Resources

Koichi MATSUSHITA

IPC Section, World Intellectual Property Organization (WIPO)

**Regional Seminar
December 2013
Tokyo, Japan**

WIPO Homepage

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Media | Meetings | Contact Us | My Account | English ▾



WIPO
WORLD INTELLECTUAL PROPERTY ORGANIZATION

IP Services | Policy | Cooperation | **Reference** | About IP | Inside WIPO

IPC



World Intellectual Property Report
Brands – Reputation and Image in the Global Marketplace

2013

Brands: Reputation and Image in the Global Marketplace

WIPO's 2013 Report offers new data and insights into the role of brands in the global economy and innovation infrastructure.

[Download the full Report](#)

[Economics of IP – More resources](#)

WIPO is the global forum for intellectual property services, policy, information and cooperation.

We deliver global services for protecting IP

File, manage or search patents, trademarks, designs and appellations of origin. Not there yet? Learn all

WIPO | PCT

The International Patent System

WIPO | MADRID

The International Trademark System

WIPO | HAGUE

The International Design System

WIPO Homepage > Reference

Media | Meetings | Contact Us | My Account | English ▾

WIPO
WORLD INTELLECTUAL PROPERTY ORGANIZATION

IP Services	Policy	Cooperation	Reference	About IP	Inside WIPO	<input type="text"/>	
IP Databases		Legal Resources			Information Resources		
PATENTSCOPE		IP Laws and Treaties (WIPO Lex)			Documents		
Global Brand Database		WIPO Administered Treaties			Statistics		
ROMARIN		Classifications & Standards			Publications		
Hague Express		International Classifications			Country Profiles		
		Standards (WIPO Handbook)			Case Studies		
					Library		

cooperation.

**We deliver global services
for protecting IP**

File, manage or search patents, trademarks,

WIPO | PCT

The International Patent System

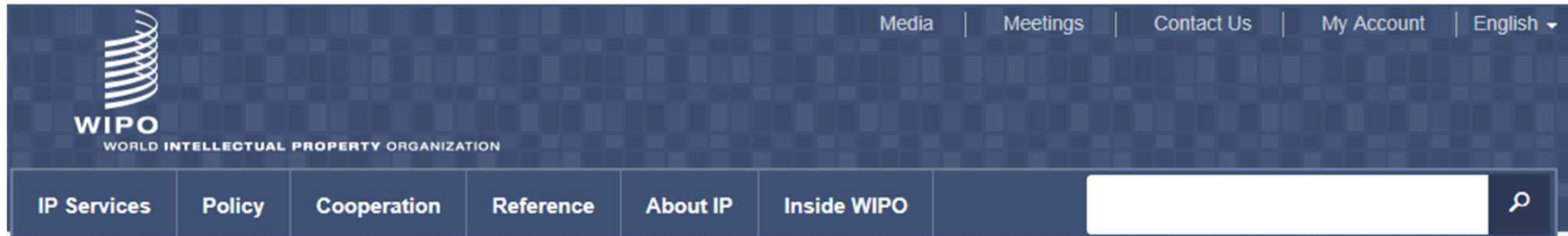
WIPO | MADRID

The International Trademark System

WIPO | HAGUE

The International Design System

International Classifications



Home Reference International Classifications

WIPO International Classifications

Applicants for national or international IP protection are required to determine whether their creation is new or owned or claimed by someone else. To determine this, huge amounts of information must be searched. International classifications facilitate such searches by organizing information concerning inventions, trademarks and industrial designs into indexed, manageable structures for easy retrieval.

International Patent Classification

The International Patent Classification (IPC) is used to classify patents and utility models according to the different areas of technology to which they pertain. The IPC was established by the [Strasbourg Agreement](#) in 1971 and is continuously revised by the [IPC Committee of Experts](#).

Nice Classification

The Nice Classification (NCL) is an international system used to classify goods and services for the purposes of the registration of marks. The Nice Classification was established by the [Nice Agreement](#) in 1957 and is continuously revised by the [Committee of Experts](#) of the Nice Union.

Locarno Classification

The Locarno Classification (LOC) is an international system used to classify goods for the purposes of the registration of industrial designs. It was established by the [Locarno Agreement](#) in 1968 and is continuously revised by the [Committee of Experts](#) of the Locarno Union.

Vienna Classification

The Vienna Classification (VCL) is a hierarchical system that classifies the figurative elements of marks into categories, divisions and sections, on the basis of their shape. It was established by the [Vienna Agreement](#) in 1973 and is continuously revised by the [Committee of Experts](#) of the Vienna Union.

IPC Homepage

- ✓ URL: <http://www.wipo.int/classifications/ipc/en/>
- ✓ General information on IPC; *Guide* to the IPC
- ✓ Browse and search the IPC
- ✓ Information on IPC-related meetings
- ✓ Links to assistance tools (IPCCAT, etc.)
- ✓ Resources for IPC Community (IPC E-Forum, etc.)
- ✓ Training material and presentations
- ✓ Download and IT Support: PDF, XML, file specifications, DTDs, etc.

International Patent Classification(IPC)

ERTY

Home Reference International Classifications **IPC**

International Patent Classification (IPC)

General Information, *Guide*, etc.

The International Patent Classification (IPC), established by the Strasbourg Agreement 1971, provides for a hierarchical system of language independent symbols for the classification of patents and utility models according to the different areas of technology to which they pertain.

IPC scheme (IPC Official Publication)

Browse and search the IPC

News

More about the IPC

- General information on the IPC
- Guide to the IPC [PDF](#)
- IPC statistics
- Frequently Asked Questions
- Contact us

Training examples, presentations, etc.

News [IPC/WG/30 \(Nov 4-8\) - invitation & draft agenda](#) Sep 2, 2013 | [IPC/WG/29 - Report](#) Jul 4, 2013

Supporting resources

Assistance tools to the IPC

[IPC Green Inventory](#) - Facilitates searches for patent information relating to Environmentally Sound Technologies, as listed by the United Nations Framework Convention on Climate Change (UNFCCC).

[IPCCAT](#) - A categorization assistance tool for the IPC system mainly designed to help to classify patents at IPC class, subclass, or main group level.

Assistance tools

Resources for the IPC Community

- [IPC E-Forum](#)
- [RIPCIS](#)
- [Guidelines for revision and use of the IPC](#)
- [Reclassification](#)

Resources (IPC E-Forum, etc.)

Training

Upon request, WIPO provides intensive training to the staff of national or regional industrial property offices in the use of the IPC for classifying and searching.

Also available, training examples prepared by the IPC Revision Working Group and PowerPoint presentations addressing different issues relating to the use of the IPC.

International Patent Classification(IPC)

Download and IT support

We provide IPC master files and their by-products as well as some of the tools used to create them. In case of inconsistency between master files and their by-products, the master files are the reference.

All files can be freely downloaded and stored, copied, modified (layout or format printed, used to create derivative products and publicly displayed. WIPO's copyright should be acknowledged in respect of the use of data from the authentic versions of IPC in public products and services.

Quick access

- [IPC-2014.01 files and data](#)
- [IPC-2013.01 files and data](#)
- [Older editions](#)

IT Support (IPC master files, etc.)

Meetings of IPC bodies

Regular meetings

- [Special Union for the International Patent Classification \(IPC Union\): Assembly](#)
- [Committee of Experts of the IPC Union](#)
- [IPC Revision Working Group](#)

Non-regular and discontinued meetings

- [ad hoc IPC Reform Working Group](#)
- [IPC-related Seminars](#)
- [IPC Advanced Level Subcommittee](#)

Latest

- [IPC Revision Working Group: Thirtieth session \(November 4 to 8, 2013\)](#)
- [IPC Revision Working Group: Twenty-ninth session \(May 13 to 17, 2013\)](#)

Circulars are available in respective meeting pages.

IPC-related meetings and seminars

Related links

PATENTSCOPE database

Using [PATENTSCOPE](#) you can search through more than 30 million patent documents including 2.2 million international patent applications submitted under the PCT.

Other International Classifications

- [Nice](#) (goods and services for registration of marks)
- [Vienna](#) (figurative elements of marks)
- [Locarno](#) (industrial designs)

WIPO standards

WIPO's [Handbook on Industrial Property Information and Documentation](#) is the authoritative source of the Organization's standards, recommendations and guidelines in the field of industrial property information and documentation.

PATENTSCOPE

IPC-related internet resources

Resources hosted by WIPO

- ✓ IPC Official Publication
 - Catchward Index
 - Terms
 - STATS
 - IPCCAT
- ✓ IPC E-Forum
- ✓ PATENTSCOPE, etc.

IPC Official Publication

✓ Available at:

<http://web2.wipo.int/ipcpub/#refresh=page>

- Master Files for local installations
 - PDF files for download
- ✓ English and French as official languages
- ✓ Other language versions provided by national Offices
- Accessible via link (Bridge)

IPC Official Publication

Scheme tab (default)

Help

IPC version and IPC symbol

View mode (path/full/hierarchic)

Display option (Subclass indexes, Guidance Headings, Notes, etc.)

The screenshot shows the WIPO IPC Official Publication website. The main content area displays a list of IPC classes under the 'Scheme' tab. The first class is A01B, titled 'SOIL WORKING IN AGRICULTURE OR FORESTRY; PARTS, DETAILS, OR ACCESSORIES OF AGRICULTURAL MACHINES OR IMPLEMENTS, IN GENERAL'. Below it are several subclasses, including A01B 1/00 (Hand tools), A01B 1/02 (Spades; Shovels), and A01B 3/00 (Ploughs). The left sidebar contains navigation and search options. Red boxes and arrows highlight specific features: the 'Scheme' tab, the 'Help' link, the 'Version' dropdown (set to 2013.01) and 'Current symbol' (A01B) fields, the 'Language' selection (English), the 'View mode' (full), and the 'Display option' checkboxes (Subclass indexes, Guidance Headings, Notes).

IPC Class	Description
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 A01C 5/00; machines for harvesting root crops A01D; mowers convertible to soil working apparatus or capable of soil working A01D 42/04; mowers combined with soil working implements A01D 43/12; soil working for engineering purposes E01, E02, E21)
A01B 1/00	Hand tools (edge trimmers for lawns A01G 3/06)
A01B 1/02	· Spades; Shovels
A01B 1/10	· · with two or more blades
A01B 1/12	· · with blades provided with teeth
A01B 1/14	· · with teeth only
A01B 1/22	· Attaching the blades or the like to handles (handles for tools, or their attachment, in general B25G); Interchangeable or adjustable blades
A01B 1/24	· for treating meadows or lawns [2]
A01B 3/00	· · · Swing ploughs
A01B 3/02	· · · Trussed-beam ploughs; Single-wheel ploughs
A01B 3/04	· · · Two-wheel beam ploughs
A01B 3/06	· · · Frame ploughs
A01B 3/08	
A01B 3/10	
A01B 3/12	
A01B 3/14	

IPC Scheme - PDF file

This site is the IPC internet publication as from IPC version 2011.01. The official site for the internet publication of IPC-2010.01 and earlier versions remains <http://www.wipo.int/classifications/ipc/ipc8> See main changes

WIPO IP SERVICES

WORLD INTELLECTUAL PROPERTY ORGANIZATION

IPC Home Page - Help

Version: 2010.01

Current symbol: G06T

Go to: PDF

Language: English

View mode: full

Standardized symbols: Deleted entries

Search: Terms

G06T **IMAGE DATA PROCESSING OR GENERATION, IN GENERAL** (specially adapted for particular applications, see the relevant subclasses, e.g. **G01C**, **G06K**, **G09G**, **H04N**) [8]

G06 COMPUTING; CALCULATING; COUNTING (score computers for games A63B 71/06, A63D 15/20, A63F 1/15; combinations of writing implements with computing devices B43C 29/08)

G06T IMAGE DATA PROCESSING OR GENERATION, IN GENERAL (specially adapted for particular applications, see the relevant subclasses, e.g. G01C, G06K, G09G, H04N) [8]

(1) This subclass covers [8]
- arrangements for perceptually modifying objects, whether the final model is used for display of an image of the object or for some other purpose, such as manufacture of a corresponding object; [8]
- arrangements for analyzing the geometric attributes of an image of an object. [8]
This subclass does not cover: [8]
- photogrammetry or videogrammetry, which are covered by subclass G01C; [8]
- reading or recognizing printed or written characters or recognizing patterns, e.g. fingerprints, which is covered by subclass G06K; [8]
- modification of image data to allow display using multiple viewpoints, which is covered by subclass G09G; [8]
- circuits for generating functions for visual indicators, which are covered by subclass G09G; [8]
- scanning of documents or the like in potential communication, which is covered by subclass H04N. [8]

Subclass index

GENERAL PURPOSE IMAGE DATA PROCESSING	1/00	TWO DIMENSIONAL (2D) IMAGE GENERATION	11/00
GEOMETRIC IMAGE TRANSFORMATION IN THE PLANE OF THE IMAGE	3/00	ANIMATION EFFECTS IN TWO DIMENSIONAL (2D) IMAGES	13/00
IMAGE ENHANCEMENT OR RESTORATION	5/00	THREE DIMENSIONAL (3D) IMAGE RENDERING	15/00
IMAGE ANALYSIS	7/00	THREE DIMENSIONAL (3D) MODELLING	17/00
IMAGE CODING	9/00		

1/00 General purpose image data processing [8]
1/20 Processor architecture, Processor configuration, e.g. pipelining, localisation of general purpose, special purpose computers (G06F 15/06) [8]
1/60 - Neural networks [8]
1/60 - Memory management [8]
3/00 Geometric image transformation in the plane of the image, e.g. from bit-mapped to bit-mapped creating a different image [8]
3/20 Laser translation of a whole image or part thereof, e.g. panning [8]
3/40 Scaling of a whole image or part thereof [8]
3/60 Rotation of a whole image or part thereof [8]
5/00 Image enhancement or restoration, e.g. from bit-mapped to bit-mapped creating a similar image [8]
5/10 by non-spatial domain filtering [8]
5/20 by the use of local operations [8]
5/30 - Erosion or dilation, e.g. thinning [8]
9/00 Image coding, e.g. from bit-mapped to non bit-mapped (compression in general H03M), compression for image transmission (H04N) [8]
9/20 - Contour coding, e.g. using detection of edges [8]
9/40 - Tree coding, e.g. quadtree, octree [8]
11/00 Two dimensional (2D) image generation, e.g. from a description in a bit-mapped image [8]
11/20 - Drawing from basic elements, e.g. lines, circles, charts [8]
11/40 - Filling a plane surface, i.e. by adding colour or texture [8]
11/60 - Editing figures and text; Combining figures or text [8]
11/80 - Creating or modifying a manually drawn or painted image using a manual input device, e.g. mouse, light pen, digitizer on keyboard [8]
13/00 Animation effects in two dimensional (2D) images, e.g. using sprites [8]

Download IPC scheme (PDF file)

All PDF files are available at Download and IT support area:

<http://www.wipo.int/classifications/ipc/en/support/>

Additional information in the IPC

- ✓ Supplementary to the IPC scheme
- ✓ Accessible via links/icons
 - Definitions of subclass/group when available
 - Terms in scheme are linked to Glossary of Terms in Definitions (e.g. A01F)
 - Illustrations, Chemical formulae (e.g. C07D499/00, F23B50/02)
 - Bridge

Definitions

IPC Home Page - Help

Version

2013.01

Current symbol

G01S

Go to

Scheme

RCL

Compilation

Catchwords

Corrigendum

G01S

RADIO DIRECTION-FINDING; RADIO NAVIGATION; DETERMINING DISTANCE OR VELOCITY BY USE OF RADIO WAVES; LOCATING OR PRESENCE-DETECTING BY USE OF THE REFLECTION OR RERADIATION OF RADIO WAVES; ANALOGOUS ARRANGEMENTS USING OTHER WAVES

Subclass indexes

G01S - IPC Definition - ipcpubprep v4.1 - Mozilla Firefox

web2.wipo.int/ipcpub/definition/#version=20130101&lang=en&symbol=G01S

G01S - Definition II

Definition statement

This subclass covers:

Methods or apparatus for determining positions, directions and distances by use of radio waves.

Methods or apparatus for determining velocities of solid objects/bodies by use of radio waves, unless the body is moving relative to some fluid and the influence of the streaming medium on the wave propagating therein is measured.

Methods or apparatus for locating solid objects/bodies, or detecting their presence by use of reflection or reradiation of radio waves.

Methods or apparatus for navigation by use of radio waves (attention is drawn to the limited scope of the term navigation, given below in the section Glossary of Terms).

Analogous methods or apparatus using other waves than radio waves, e.g. infrared, visible or ultraviolet light, or acoustic waves. Certain restrictions and priorities apply as regards other subclasses (see sections "Relationships between larger subject matter areas" and "References relevant to classification in this subclass" below).

Radar, Lidar, Sonar systems in general and specially adapted for specific applications if not specifically designed for geophysical use.

Relationship between large subject matter areas

The general subject matters direction-finding, navigation, determining distances, or velocities, locating, or presence-detecting are covered by several subclasses besides G01S: G01B, G01C, G01P, G01V.

ERS; POSITION 1/00, 19/00; 3/00; 5/00

7/00

es where the 13/00

relevant or unspecified

15/00

than radio waves 17/00

NCE OR VELOCITY 11/00

ATION

ng signals having a characteristic or ed by non-directional receivers and defining xed relatively to the beacon transmitters; tion-fixing by co-ordinating a plurality of es G01S 5/00) [2]

Definitions

Contents:

- ✓ Broader explanation of scope
- ✓ Relations to other related/similar areas
- ✓ References
- ✓ Special rules
- ✓ Glossary (terms in scheme linked to glossary)
- ✓ Synonyms, e.g. alternative expressions used in patent documents

Bridge

The screenshot shows the WIPO IP SERVICES interface. At the top, it says 'WIPO IP SERVICES Inter'. Below that, it says 'WORLD INTELLECTUAL PROPERTY ORGANIZATION'. The main content area is titled 'IPC Home Page - Help'. On the left, there are controls for 'Version' (2012.01), 'Current symbol' (A01B 1/00), and 'Language' (English selected). A 'Scheme' menu is open, showing a tree structure with 'A01' and 'A01B' highlighted. A pink circle highlights the 'A01B 1/00' option, with a pink arrow pointing to a detailed view of classification options. This view includes 'IPC National translations' (Chinese, German, Spanish, Czech, Japanese, Slovak, Dutch, Korean, Polish, Estonian, undefined, Portuguese), 'Patent databases' (PATENTSCOPE, JPO IPDL, Espacenet, PAJ, FR Espacenet, DEPATIS, USPTO, SPD (SE)), and 'Other classifications' (USPC, CPC, FI/F-term).

Allows quick bridging/access to:

- ✓ IPC National translations
- ✓ Other classifications (CPC, FI/F-term, etc.)

Bridge

Allows quick access to:

- ✓ Patent databases (Patentscope, Espacenet, IPDL, etc.) for selected symbol

WIPO PATENTSCOPE
Search International and National Patent Collections

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search | Browse | Translate | Options | News | Login | Help

Home > IP Services > PATENTSCOPE

Results 11-20 of 3,549 for Criteria:IC:"A01B 1/00" Office(s):all Language:EN Stemming: true

prev 1 2 3 4 5 6 7 8 9 10 next Page: 2 / 355 Go >

Refine Search IC:"A01B 1/00" Search RSS

Analysis

Sort by: Pub Date Desc View All List Length 10 Machine translation

No	Ctr	Title	PubDate	Int.Class	Appl.No	Applicant	Inventor	Image
11.	US	20130233582 - FOLDABLE MULTIPURPOSE APPARATUS	12.09.2013	A01B 1/22	13884762	Frati Gabriele	Frati Gabriele	



WORLD INTELLECTUAL PROPERTY ORGANIZATION

IPC Home Page - Help

Version: 2012.01

Current symbol: A01B 1/00

Go to

Language: English (selected), French, English/French

Symbol A01B 1/00

English French

IPC National translations

- Chinese
- German
- Spanish
- Czech
- Japanese
- Slovak
- Dutch
- Korean
- Polish

Patent databases

- PATENTSCOPE
- JPO IPDL

Espacenet PAJ

FR Espacenet DEPATIS

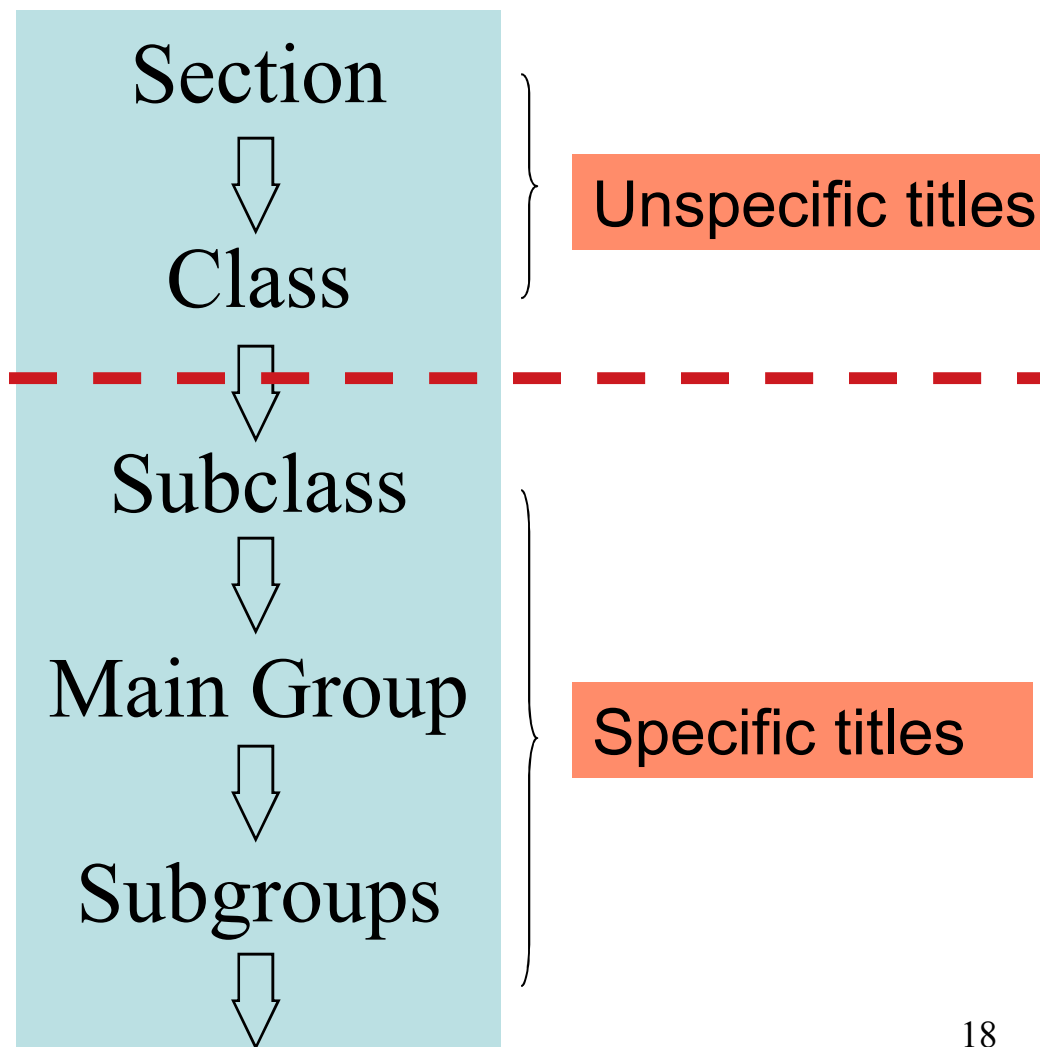
Selecting / Finding IPC place

- ✓ Different approaches/strategies:
 - Browsing the IPC scheme
 - Catchword Index
 - Terms (text search of the IPC)
 - IPCCAT (automated classification tool)
 - STATS (statistical approach by PATENTSCOPE)

Browsing the IPC scheme

Simple approach:

✓ **Browsing the IPC**



Catchword Index



IPC Home Page - Help

Version

2013.01

Current symbol

A01B

Go to

Language

English

French

English/French

View mode

path

full

hierarchic

Standardized sequence

Deleted entries

Subclass indexes

Guidance Headings

Notes

Search

Terms

Cross-references

Assistance

STATS

Text categorization
(IPCCAT)

Scheme	RCL	Compilation	Catchwords	Corrigendum
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 A01C 5/00 ; machines for harvesting root crops A01D ; mowers convertible to soil working apparatus or capable of soil working A01D 42/04 ; mowers combined with soil working implements A01D 43/12 ; soil working for engineering purposes E01 , E02 , E21)	
	A01B 1/00		Hand tools (edge trimmers for lawns A01G 3/06)	
	A01B 1/02		· Spades; Shovels	
	A01B 1/04		· · with teeth	
	A01B 1/06		· Hoes; Hand cultivators	
	A01B 1/08		· · with a single blade	
	A01B 1/10		· · with two or more blades	
	A01B 1/12		· · with blades provided with teeth	
	A01B 1/14		· · with teeth only	
	A01B 1/16		· Tools for uprooting weeds	
	A01B 1/18		· · Tong-like tools	
	A01B 1/20		· Combinations of different kinds of hand tools	
	A01B 1/22		· Attaching the blades or the like to handles (handles for tools, or their attachment, in general B25G); Interchangeable or adjustable blades	
	A01B 1/24		· for treating meadows or lawns [2]	
			Ploughs	
	A01B 3/00		Ploughs with fixed plough-shares	
	A01B 3/02		· Man-driven ploughs	
	A01B 3/04		· Animal-drawn ploughs	
	A01B 3/06		· · without alternating possibility, i.e. incapable of making an adjacent furrow on return journey	
	A01B 3/08		· · · Swing ploughs	
	A01B 3/10		· · · Trussed-beam ploughs; Single-wheel ploughs	
	A01B 3/12		· · · Two-wheel beam ploughs	
	A01B 3/14		· · · Frame ploughs	

Catchword Index



IP SERVICES

International Patent Classification (IPC) Official Publication

WORLD INTELLECTUAL PROPERTY ORGANIZATION

IPC Home Page - Help

Version

2012.01

Current word

HELMET

Go

Language

English

French

Previous

Next

Index

Scheme

RCL

Compilation

Catchwords

HELMETS [A42B 3/00](#)

armoured HELMETS; steel HELMETS [F41H 1/04](#)

clear view sheets for HELMETS [A62D 7/00](#)

compositions for transparent parts of HELMETS [A62D 7/00](#)

covers for HELMETS [A42B 5/00](#)

gas HELMETS [A62B 18/04](#)

HELMETS for diving [B63C 11/12](#)

HELMETS for hair drying [A45D 20/20](#), [A45D 20/22](#), [A45D 20/44](#)

HELMETS for swimming [A63B 33/00](#)

manufacturing HELMETS by processes not otherwise provided for [A42C 2/00](#)

Terms (text search of the IPC)

WORLD INTELLECTUAL PROPERTY ORGANIZATION

IPC Home Page - Help

Version

2013.01

Current symbol

Go to

Language

English

French

English/French

View mode

path

full

hierarchic

Standardized sequence

Deleted entries

Subclass indexes

Guidance Headings

Notes

Search

Terms

Cross-references

Assistance

STATS

Text categorization
(IPCCAT)

Scheme

RCL

Compilation

Catchwords

Corrigendum

A

SECTION A — HUMAN NECESSITIES

B

SECTION B — PERFORMING OPERATIONS; TRANSPORTING

IPC Terms search - ipcpubprep v4.0 - Mozilla Firefox

web2.wipo.int/ipcpub/search/fulltext/#version=20130101&lang=en

Version 2013.01 - English

Word(s)

Warning: Boolean operators (i.e. AND, OR, NOT) are ignored when using the search path option.

Stemming

Limit to

Exclude

Scheme Path Definition Catchwords

A01B	A01	AFTERBURNERS
A01B 39/26	A01D	AGRICULTURE
A01B 49/04	A01F	ANTIBIOTIC(S)
A01B 77/00	A01H	BOXES
A01B 79/02	A01N	BREAKING
A01C	A01N 25/00	CLOCHES
A01C 1/00	A23B	CONDUITS
A01C 5/00	A23D	CONSERVING
A01C 5/02	A23F	CONSOLIDATING
A01C 5/04	A23K	COOLING
A01C 5/06	A23L 1/222	COVERS
A01C 5/08	A47J	CROP(S)
A01C 11/04	A61K	CULTIVATION
368 - 1/3 - >>	87	68

Display results

Terms

1. Input keyword (e.g. "nano*")

Version 2010.01 - English

Word(s)

Permit to

Exclude

Scheme Path

A61K 9/51
B81
B82
B82B
B82B 1/00
B82B 3/00
G01
G01Q 70/12
G01Q 80/00
H01F 10/32
H01F 41/30

11

Display results

A61K 9/51

... Nanocapsules

B82

NANO-TECHNOLOGY [7]

B82B

NANO-STRUCTURES; MANUFACTURE [7]

B82B 1/00

Nano-structures [7]

B82B 3/00

Manufacture or treatment of nano-structures

G01Q 70/12

... Nano-tube tips

H01F

MAGNETS; INDUCTANCES; TRANSFORMERS; TRANSFORMER MATERIALS FOR THEIR MAGNETIC PROPERTIES (based on ferrites C04B 35/26; alloys C22C; their manufacture C37/00; loudspeakers, microphones, gramophone electromechanical transducers H04R) [2]

H01F 41/00

Apparatus or processes specially adapted for assembling the devices covered by this subclass

H01F 41/14

· for applying magnetic films to substrates (covered with metals, in general C23C; manufacturing processes [3]

H01F 41/30

· for applying nanostructures, e.g. by molecular

2. Display results

3. Links to the IPC scheme

Terms

Version 2010.01 - English

Word(s)

Limit to

Exclude

Scheme

A01B 77/00
A01M 21/00
A01N
A01N 25/00
A01N 27/00
A01N 29/00
A01N 31/00
A01N 33/00
A01N 35/00
A01N 37/00
A01N 39/00
A01N 41/00
A01N 43/00

Limit to
A01="Agriculture"

Version 2010.01 - English

Word(s)

Limit to

Exclude

Scheme

C02F
C02F 3/00
C02F 9/14
C02F 11/02

Limit to
C02="Treatment
of water, etc."

Version 2010.01 - English

Word(s)

Limit to

Exclude

Scheme Pat

A23
A23B 4/027
A23L 2/84

Limit to
A23="Food or foodstuffs"

Version 2010.01 - English

Word(s)

Limit to

Exclude

Scheme

C01
C02F
C02F 3/00
C02F 9/14
C02F 11/02
C04B 103/60
C04B 103/67
C04B 111/20
C05F 9/04
C06D 3/00
C07
C07G 13/00
C08

Limit to
C="Chemistry"

IPCCAT (categorization tool)

- ✓ A categorization assistance tool for the IPC designed to help to classify patent documents at IPC subclass/main group level
- ✓ Designed with the concept of full phrases describing the technical subject matter (not a keyword search tool)
- ✓ Upload of document is possible
- ✓ Based on artificial neural network
- ✓ It is suggested that patent abstracts be used (at the minimum), and not a random selection of text from the patent description
- ✓ Need to consult the IPC scheme
- ✓ Available at: <https://www3.wipo.int/ipccat/>

Version

2013.01

Current symbol

A

SECTION A — HUMAN NECESSITIES

B

SECTION B — PERFORMING OPERATIONS; TRANSPORTING

Go to

Language

English

French

English/Fr

View mode

path

full

hierarchic

Standardiz

Deleted en

Subclass i

Guidance l

Notes

Search

Te

Cross-references

Assistance

STATS

Text categorization
(IPCCAT)

IPCCAT - Categorization Assistant in the International Patent Classification (version 2012.01)

This is a categorization assistance tool for the International Patent Classification system. It is mainly designed to help to classify patents at IPC class subclass or main group level.

Classification Request Form

Choose the document to categorize:

Browse...

Supported formats

Or paste in the text below a quote from the document to categorize:

Number of predictions: 3

Classification level: SubClass

Classify

IPCCAT



IPCCAT - Categorization Assistant in the International Patent Classification (version 2011.01)

This is a categorization assistance tool for the International Patent Classification system. It is mainly designed to help to classify patents at IP subclass or main group level.

IPCCAT:

Help
About IPCCAT

GATEWAY TO:

IPC
TACSY

Last update: 201101

Classification Request Form

Choose the document to categorize:

Browse...

Supported formats

Or paste in the text below a quote from the document to categorize:

An interconnecting toy building block set that has as its basis a modular concept and in which the basic module is a cube. Each block-like piece of the set has this cubic construction which further includes appropriately positioned male projections and female recesses. These respective projections and recesses provide the means for interconnecting the various blocks. Several of the block-like pieces also include variously shaped protrusions which, although being framed within the confines of cube of similar size to the basic cube, add distinctively to the overall block shapes. It is principally these distinctive shapes which contribute to the many items that may be

Number of predictions:

Classification level:

Classify

IPCCAT

IPCCAT:

Help
 About IPCCAT

GATEWAY TO:

IPC
 TACSY
 Start

VIEW:

Submitted text

Suggested IPC Categories

Confidence	↕	IPC	↕	Description	Refine
★★★		A63H 33/00		💡	
★★		A63F 9/00		💡	
★		A47B 47/00		💡	
★		H01R 31/00		💡	
★		E04B 2/00		💡	

STATS (Statistical approach)

- ✓ Identifies IPC places most frequently referenced in the PATENTSCOPE database searched by particular terms
- ✓ Statistical presentation of the search results is performed according to IPC subclasses and groups
- ✓ Search by simple terms and multi-term (combination of simple terms separated by a space) in all patent collections of the PATENTSCOPE

STATS



IP SERVICES

International Patent Classification (IPC) Official Publication

WORLD INTELLECTUAL PROPERTY ORGANIZATION

IPC Home Page - Help

Version

2013.01

Current symbol

Go to

Language

English

French

English/French

View mode

path

full

hierarchic

Deleted entries

Subclass indexes

Guidance Headings

Notes

Search

Terms

Cross-references

Assistance

STATS

Text categorization
(IPCCAT)

Scheme

RCL

Compilation

Catchwords

Corrigendum

A

B

C

D

E

F

G

H

IPC STATS search - Mozilla Firefox

web2.wipo.int/ipcpub/search/stats/#version=20130101&lang=en

IPC STATS search

Version 2013.01 - English

Word(s)

Stemming

Limit to

Exclude

IPC	Relevance	Refine
-----	-----------	--------

Display results

STATS

	B43	WRITING OR DRAWING IMPLEMENTS; BUREAU ACCESSORIES
	B43K	IMPLEMENTS FOR WRITING OR DRAWING (containers, casings or accessories for cosmetic substances, e.g. shaving soap, lipstick, make-up, A45D 34/00 , A45D 40/00)
	B43K 29/00	Combinations of writing implements with other articles
	B43K 29/007	· with advertising means [6]
	B43K 29/013	· with stamping means [6]
	B43K 29/02	· with rubbers
	B43K 29/04	· with blotters
	B43K 29/05	· with applicators for eradicating- or correcting-liquid [6]

IPC STATS search - Mozilla
web2.wipo.int/ipcpub/s

IPC STATS search
Version 2013.01 - English

Word(s) Stemming

Limit to

Exclude

IPC	Relevance	Refine	IPC	Relevance	Refine
B43K	45	»	B43K	45	«
A45C	12	»	29/00	34	
C09D	12	»	24/00	17	
A61F	6	»	24/16	17	
B65D	6	»	5/00	17	
C09J	6	»	7/00	17	
F16L	6	»			
G01R	6	»			

Display results

STATS

A43B 7/00

Footwear with health or hygienic arrangements

A43B 7/02

- Footwear with heating arrangements (footwarmers **A61F 7/08**; electric heating elements **H05B**)

A43B 7/04

- • Footwear with electric batteries, generators, or the like

A43B 7/06

- Ventilated footwear

A43B 7/08

- • Footwear with air-holes, with or without closures

A43B 7/10

- • • with closable air-slots near the waist

A43B 7/12

- Special watertight footwear (overshoes **A43B 3/16**)

IPC STATS search - Moz
web2.wipo.int/ipcpub

IPC STATS search
Version 2013.01 - English

Word(s) shoe ventilate
 Stemming

Limit to
Exclude

IPC	Relevance	Refine
A43B	74	»
B29D	7	»
A43C	5	»
B29C	4	»
A41D	3	»
A43D	3	»
A42B	3	»
A61M	2	»

Display results

IPC	Relevance	Refine
A43B	74	«
7/06	29	
7/08	29	
17/08	15	
13/18	15	
13/20	15	

Version
2013.01

Current symbol
E06B 7/23

Go to

Language

English

French

English/French

View mode

path

full

hierarchic

Standardized sequence

Deleted entries

Subclass indexes

Guidance Headings

Notes

Search

Terms

Cross-references

Assistance

STATS

E	SECTION E — FIXED CONSTRUCTIONS
E06	DOORS, WINDOWS, SHUTTERS, OR ROLLER BLINDS, IN GENERAL; LADDERS
E06B	FIXED OR MOVABLE CLOSURES FOR OPENINGS IN BUILDINGS, VEHICLES, FENCES OR ENCLOSURES, IN GENERAL, e.g. DOORS, WINDOWS, BLINDS, GATES (shades of 9/22; curtains A47H; lids for car boots or bonnets B62D 25/10; sky-lights E04B 7/18; sunshades, ...)
E06B 7/00	Special arrangements or measures in connection with doors or windows (screening or similar)
E06B 7/16	• Sealing arrangements on wings or parts co-operating with the wings (E06B 7/098 takes precedence)
E06B 7/22	•• by means of elastic edgings, e.g. elastic rubber tubes; by means of resilient edgings, e.g. felt or strips (E06B 7/18 takes precedence)
E06B 7/23	••• Plastic, sponge rubber, or like strips or tubes
E06B 7/232	••• Resilient strips of hard material, e.g. of plastic

IPC STATS search - Mozilla Firefox

web2.wipo.int/ipcpub/search/stats/#version=20130101&lang=en

Version 2013.01 English

Word(s) **sealing strip door**

Stemming

Limit to

Exclude

IPC	Relevance	Refine
E06B	30	»
B60J	24	»
E05D	10	»
B29C	7	»
C08L	7	»
F25D	6	»
E05B	6	»
B60R	5	»

Display results

IPC	Relevance	Refine
E06B	30	«
7/23	31	
5/16	26	
3/48	19	
3/70	14	
3/46	12	