

Cooperative Patent Classification (CPC)



Pierre Held, EPO Directorate Classification
Christopher Kim, USPTO CPC Coordinator

IPC CE Meeting
Geneva, 27 February 2013

F16G5/14



with reinforcement bonded by the plate

Outline

- CPC scheme
- CPC definitions
- CPC project timeline and milestones
- Quality assurance
- CPC viewer in Espacenet
- CPC Allocation Standard, Scheme services
- CPC Revision and Maintenance

CPC scheme – sections A-H

Classification
(INV/ADD)

Main trunk

H01L21/285 ...
H01L21/28504
H01L21/28508
H01L21/28512
...
H01L21/28524
H01L21/28528
H01L21/28532

Origin:

- IPC
- ECLA
- "mirrored" ICO

Indexing
(ADD)

2000-series

H01L²⁰21/28528
H01L²⁰21/285285
...
H01L2925/065 ...
H01L2925/06504
H01L2925/06508

- "further breakdown" ICO
- "orthogonal" ICO

CPC scheme — Y section

- General tagging of new technological developments; general tagging of **cross-cutting technologies** spanning over several sections of the IPC
 - **Y02**: Climate change mitigation technologies (CCMTs)
 - **Y04**: Smart grids
- Technical subjects covered by former USPC cross-reference art collections [**XRACs**] and **Digests**
 - **Y10S**

CPC scheme layout

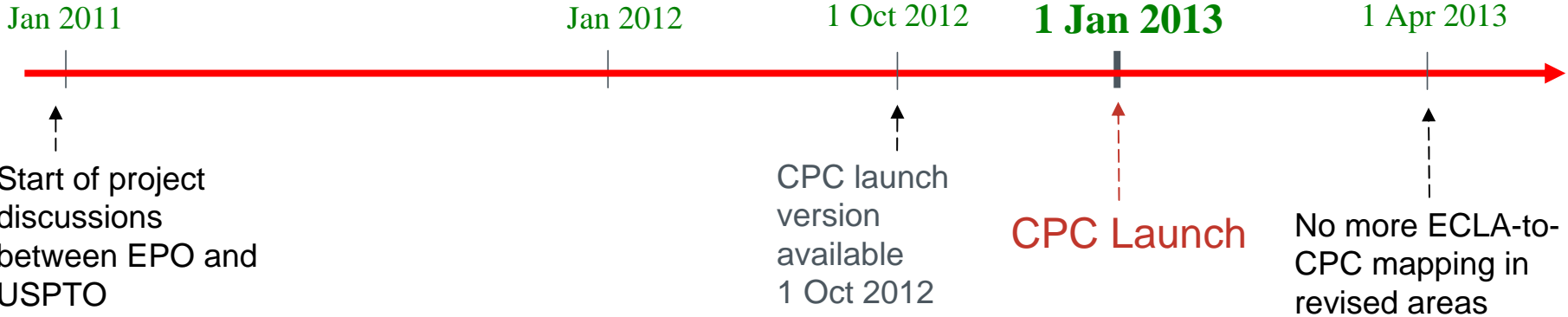
Sections A–H	Section Y
<p data-bbox="639 496 915 544">Main trunk</p> <ul data-bbox="311 572 1263 733" style="list-style-type: none">• ~160 000 symbols• invention or additional information• {...} used to distinguish CPC text from IPC one	<ul data-bbox="1470 679 1843 993" style="list-style-type: none">• ~7 300 symbols• includes former USPC XRACs and digests• additional information only
<p data-bbox="401 958 1151 1005">Indexing codes – 2000 series</p> <ul data-bbox="311 1033 1170 1250" style="list-style-type: none">• ~82 000 symbols• former "breakdown" and "orthogonal" ICO• IPC indexing codes• additional information only	

CPC Definitions

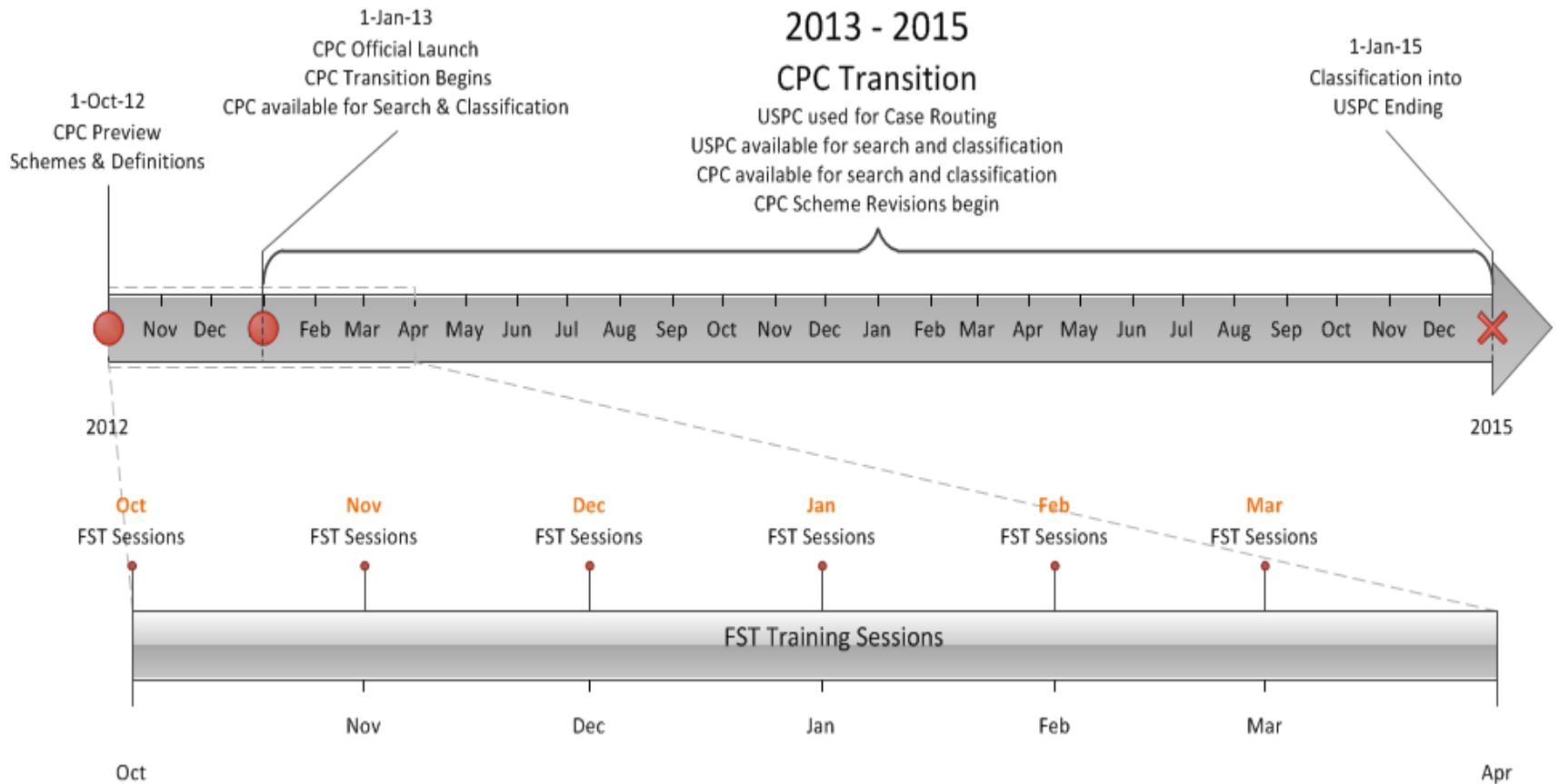
- The CPC scheme will be supported by a **set of instructions (in complement to the scheme)** on how to search and classify in each specific technical area
- They have been designed along the lines of the **IPC Definitions**
- Since 1 October 2012, CPC Definitions are being **published on a monthly basis** as they get bilaterally agreed and will finally cover:
 - all subclasses
 - all main groups, and
 - some subgroups
- To date we count **164 published CPC definitions**
- **221** this Friday 1 March 2013

CPC timeline

- Develop training
- Document classification practices (CPC Definitions)
- ECLA housekeeping
- Design IT
- Design collaborative environment
- IT implementation at USPTO and EPO
- Collaborative environment
- CPC Scheme launch version publicly available on 1 Oct 2012
- DOCDB back-file converted to CPC on 15 Nov 2012
- CPC in Espacenet - December 2012
- Prepare for launch of CPC
- CPC used by EPO and USPTO
- Epoque (Net) and USPat and USApp CPC-ready
- Quality Assurance process in place
- Harmonize classification practices
- Joint CPC revisions
- CPC available for use by other IP offices



CPC - USPTO Implementation Timeline




Quality Assurance (QA)

1. **Feedback** by Class-QNs through QA: sampling of documents and provision of written feedback
2. Possibility of **on-the-fly written feedback** by all classifiers
3. Creation of **statistical reports** per technical area by analysing the difference in symbols allocated by the two offices to the same families

Training

- e-Learning modules for USPTO staff
- Field-specific training (FST) provided by EPO examiners to their counterparts of the technical field
- Extensive use of CPC Definitions
- Feedback via the QA process
- Exchange visits and e-contacts between specialists in a field

Field Specific Training (FST) Sessions



- USPTO QNs will be trained on
 - How to **read** CPC scheme/definition
 - How to **search** in CPC
 - How to **classify** in CPC
 - How to monitor **quality**
 - How to evaluate addition/deletion of symbols
 - Develop revision projects



Create a library of CBTs



Demo

- <http://worldwide.espacenet.com/>
- <http://www.uspto.gov/web/patents/classification/index.htm>

Key features scheme browser

CPC classification browser

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

Radio buttons:
 • toggle IPC vs CPC →
 • Show notes & warnings
 • Toggle dot/tree view

Symbol	Classification and description
<input type="checkbox"/> A	HUMAN NECESSITIES
	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})
	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 checked="" 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

sub-section text →

guidance headings →

expand main groups where possible →

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 →

ability to expand 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;}
★ ★ ★ ★ ★ <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

/low A01M23/02 x

Links to Definitions and Scheme

- Icons to open PDF files
- Definitions and Scheme

CPC classification browser

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

← ⓘ Ⓜ

Symbol	Classification and description
<input type="checkbox"/> D	TEXTILES; PAPER
Textiles or flexible materials not otherwise provided for	
<input type="checkbox"/> D01	NATURAL OR ARTIFICIAL THREADS OR FIBRES; SPINNING (metal threads B21; fibres or filaments of softened glass, minerals, or slag C03B37/00; yarns D02) ⓘ
<input type="checkbox"/> D01B	S D MECHANICAL TREATMENT OF NATURAL FIBROUS OR FILAMENTARY MATERIAL TO OBTAIN FIBRES OF FILAMENTS, e.g. FOR SPINNING (crude extraction of asbestos fibres from ores B03B; apparatus for retting D01C) ⓘ
<input type="checkbox"/> D01C	S CHEMICAL TREATMENT OF NATURAL FILAMENTARY OR FIBROUS MATERIAL TO OBTAIN FILAMENTS OR FIBRES FOR SPINNING; CARBONISING RAGS TO RECOVER ANIMAL FIBRES ⓘ
<input type="checkbox"/> D01D	S MECHANICAL METHODS OR APPARATUS IN THE MANUFACTURE OF ARTIFICIAL FILAMENTS, THREADS, FIBRES, BRISTLES OR RIBBONS ⓘ
<input type="checkbox"/> D01F	S CHEMICAL FEATURES IN THE MANUFACTURE OF ARTIFICIAL FILAMENTS, THREADS, FIBRES, BRISTLES OR RIBBONS; APPARATUS SPECIALLY ADAPTED FOR THE MANUFACTURE OF CARBON FILAMENTS
<input type="checkbox"/> D01G	S D 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) ⓘ
<input type="checkbox"/> D01H	S SPINNING OR TWISTING (unwinding, paying-out, forwarding, winding or coiling filamentary material not intimately associated with spinning or twisting B65H; cores, formers, supports or holders for coiled or wound material, e.g. bobbins B65H; twisting oakum D01G35/00; crimping or curling of fibres, filaments or yarns D02G1/00; making chenille D03D, D04D3/00; testing yarns, rovings, slivers, fibres, or fibre webs G01)

- Future version of OPS will have Definitions XML (and concordance list XML). How these will be used and incorporated into the browser application will be determined in 2013

USPTO Classification Tools

uspto.GOV

The United States Patent and Trademark Office
an agency of the Department of Commerce

search for patents | search for trademarks

Search our site



PATENTS | TRADEMARKS | IP LAW & POLICY | PRODUCTS & SERVICES | INVENTORS | NEWS & NOTICES | FAQs | ABOUT US

[Patent Classification Home](#) » Classification Search

Main

CPC Sections

USPC Class Numbers & Titles

USPC Class Numbers

Classification Search Page

Contacts

Help

Access Classification Information by Symbol

Select Classification System: CPC USPC

Enter Classification symbol:

 /

e.g., B02C 19/0081 or D06P 1/5264

Select output format:

HTML PDF

Select Content:

Scheme
Definitions

Clear

Submit

USPTO Tools

[Patent Classification Home](#) » [CPC Sections](#) » [CPC Section A](#)

Main	CPC Sections	USPC Class Numbers & Titles	USPC Class Numbers	Classification Search Page	Contacts	Help
----------------------	------------------------------	---	------------------------------------	--	--------------------------	----------------------

Outline ON Indent Level: Sub-sections Classes Subclasses

Color ON Curly Brackets (indicating CPC extensions to IPC) ON

[Printable version \[PDF\]](#)

CPC COOPERATIVE PATENT CLASSIFICATION

A HUMAN NECESSITIES

SUBSECTION: Agriculture

A01 AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING

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; soil working for engineering purposes E01, E02, E21; {measuring areas for agricultural purposes G01B})

WARNING

The following IPC groups are not used in the CPC system. Subject matter covered by these groups is classified in the following CPC groups:

USPTO Tools

Patents > Guidance, Tools, and Manuals > Classification > US Classes by Number with Title Menu

[Class Numbers & Titles](#) | [Class Numbers Only](#) | [USPC Index](#) | [International](#) | [HELP](#) | [Office of Patent Classification](#)

Select US Classes by Number with Title

1. Select what you want...

- [Class Schedule \(HTML\)](#)
- [Class Definition \(HTML\)](#)
- [US-to-IPC8 Concordance \(HTML\)](#)
- [US-to-Locarno Concordance](#)
- [Class Schedule \(PDF\)](#)
- [Class Definition \(PDF\)](#)
- [US-to-IPC8 Concordance \(PDF\)](#)

2. Select a class or [Search](#) within this page with your browser.

	Class Number and Title
Go	002 Apparel
Go	004 Baths, closets, sinks, and spittoons
Go	005 Beds
Go	007 Compound tools
Go	008 Bleaching and dyeing; fluid treatment and chemical modification of textiles and

USPTO Tools

Main	CPC Sections	USPC Class Numbers & Titles	USPC Class Numbers	Classification Search Page	Contacts	Help
----------------------	------------------------------	---	------------------------------------	--	--------------------------	----------------------

Access Classification Information by Symbol

Select Classification System: CPC USPC

Enter Classification symbol: /
e.g., B02C 19/0081 or D06P 1/5264

Select output format: HTML PDF

Select Content:

Access Classification Information by Symbol

Select Classification System: CPC USPC

Enter Classification symbol: /
e.g., 482/1 or D14/314

Select output format: HTML PDF

Select Content:

USPTO Tools

[Main](#) |
 [CPC Sections](#) |
 [USPC Class Numbers & Titles](#) |
 [USPC Class Numbers](#) |
 [Classification Search Page](#) |
 [Contacts](#) |
 [Help](#)

Statistical mapping of USPC to CPC for Class 705


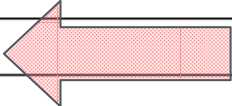
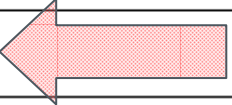
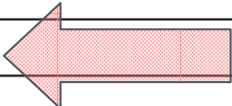

[Printable Version \[PDF\]](#)

[View Most statistically relevant CPC Subclasses](#)

USPC Subclass	Most statistically relevant CPC groups		
	1 st	2 nd	3 rd - 5 th
705/50	G 06Q 20/382	G 06Q 20/3674	G 06Q 30/06, G 06F 21/10, G 06Q 30/02 less
705/51	G 06F 21/10	G 06Q 30/06	G 06F 2211/007, H 04L 63/0428, H 04L 2463/101 less
705/52	G 06F 21/10	G 06Q 30/06	G 06Q 30/04, G 06F 2211/007, G 06F 2221/2135 less
705/53	G 06F 21/10	G 06F 2221/2135	G 06Q 30/04, G 06Q 20/382, G 06Q 20/04 less
705/54	G 06F 21/10	G 06F 2211/007	H 04L 63/0428, G 06Q 30/06, H 04L 2463/101 less
705/55	G 06F 21/123	G 06F 2211/007	G 06F 21/10, G 06Q 20/3674, G 06Q 30/06 less
705/56	G 06F 21/10	G 06F 2211/007	G 06F 21/123, G 06Q 30/06, G 11B 20/00086 less
705/57	G 06F 21/10	G 11B 20/00086	G 11B 20/0021, G 11B 20/00094, H 04N 5/913 less
705/58	G 06F 21/10	G 11B 20/00086	G 06F 2221/0737 more...
705/59	G 06F 21/10	G 06Q 30/06	G 06F 2211/007 more...
705/60	G 07B 17/00733	G 07B 17/0008	G 07B 2017/00201 more...
705/61	G 07B 17/0008	G 07B 2017/00161	G 07B 17/00733 more...
705/62	G 07B 17/00733	G 07B 17/00508	G 07B 2017/00443 more...
705/63	G 06Q 50/06	G 06Q 30/04	G 06Q 20/382 more...
705/64	G 06Q 20/382	G 06Q 20/3674	G 06Q 30/06 more...
705/65	G 06Q 20/367	G 06Q 20/3674	G 06Q 20/382 more...
705/66	G 06Q 20/3672	G 07F 7/1008	G 06Q 20/341 more...
705/67	G 06Q 20/3674	G 06Q 20/382	G 06Q 20/367 more...
705/68	G 06Q 20/3676	G 06Q 20/401	G 06Q 20/04 more...
705/69	G 06Q 20/3678	G 06Q 20/06	G 06Q 20/02 more...

Most statistically relevant CPC Subclasses
G 06Q, H 04N, G 11B, G 06F, G 07B, A 61B, G 01G

CPC allocation standard - based on WIPO ST.8

Position(s)	Content	Values
1	Section	A, ..., H Y 
2,3	Class	01, ..., 99
4	Subclass	A, ..., Z
5 to 8	Main Group (right aligned)	1, ..., 9999, blank
9	Separating character	/ ("Slash")
10 to 15	Subgroup (left aligned)	00, ..., 999999, blank
16 to 19	For future use	4 blanks
20 to 27	Version indicator	YYYYMMDD date format
28	Classification level	C, A, S 
29	First or later position of symbol	F, L
30	Classification value (invention or additional)	I, N- A 
31 to 38	Action date	YYYYMMDD date format
39	Original or reclassified data	B, R, V, D 
40	Source of classification data	H, M, G
41-42	Generating office	AA, ..., ZZ (ST.3) only for CPCNO 
43-50	For future use	8 blanks

Version 1.0

CPC Allocation standard

WIPO/ST8 tags supported	Pos. in ST.8	Description	Values
<classification-symbol>	1	section	A ,.....,H and Y
	2,3	class	01,.....,99
	4	subclass	A,.....,Z
	5 to 8	main group	1,.....,9999 right aligned
	9	separator	/ ("slash")
	10 to 15	subgroup	00,.....,999999
<classification-scheme><date>	20 to 27	version-indicator	CCYYMMDD
<classification-level>	28	core/advanced	not applicable
<symbol-position>	29	first / later	F/L
<classification-value>	30	invention	I
		additional	A
<action-date>	31 to 38	date format	CCYYMMDD
<classification-status>	39	original	B
		reclassified	R
<classification-data-source>	40	human	H
		machine	M
		generated	G
<generating-office>	41, 42	country-code	only for CPCNO

CPC Scheme Services as EPO's OPS Services

- 1. CPC Validation service

- 2. Classification Mapping services
 - ❖ ECLA to CPC concordance service
 - ❖ CPC to ECLA concordance service
 - ❖ CPC to IPC concordance service

1. CPC validation service

- The classification validation service checks the **format** and **existence** of the **CPC** and **ECLA** **classifications**
- The service will accept **only 'full' classification symbols**, starting from main group, e.g. A01B1/00.
- The **response** for a requested symbol is indicated by standard HTTP response codes
- If the symbol is valid, a standard HTTP 200 OK response is returned.
- In the case the symbol is not being found in the scheme, a standard HTTP 404 Not Found error response is returned
- In the case of the symbol format being invalid, a standard HTTP 400 Bad Request error response is returned.
- In the case of any other system error, a standard HTTP 500 System Error response is returned.

2. Classification mapping service

- The **classification mapping service** provides access to internal classification conversion routine for external users.
- The following directions of conversions are supported by OPS :
 - ECLA > CPC
 - CPC > ECLA
 - CPC Add only > ICO
 - CPC > IPC
- The service accepts only **'full' classification symbols**, starting from main group level, e.g. A01B1/00.
- The CPC>ECLA transformation ambiguous, therefore **optional request parameter** `?additional_` to specify that additional classification symbol is requested. The **default request is *invention***

ECLA-CPC Response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
- <ops:world-patent-data xmlns:ops="http://ops.epo.org" xmlns:reg="http://www.epo.org/register" xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:cpc="http://www.epo.org/cpcexport"
  xmlns:ecla="http://www.epo.org/eclaexport">
  <ops:meta name="elapsed-time" value="20" />
- <ops:classification-scheme>
- <ops:mappings inputSchema="ecla" outputSchema="cpc">
- <ops:mapping additional-only="false">
  <ops:ecla>A01B59/00E</ops:ecla>
  <ops:cpc xlink:href="classification/cpc/A01B59/002">A01B59/002</ops:cpc>
  </ops:mapping>
</ops:mappings>
</ops:classification-scheme>
</ops:world-patent-data>
```


EPO - Open Patent Services (OPS) - Windows Internet Explorer provided by European Patent Office

<http://www.epo.org/searching/free/ops.html>

File Edit View Favorites Tools Help x SnagIt

☆ Favorites ClassDB desktop.ini Document Shortcut

EPO EPO - Open Patent... Home - CPC IT Imp... HTTP 404 Not Found EPO EPO - Open Pat... x



Europäisches Patentamt
 European Patent Office
 Office européen des brevets

Site search **Patent search** Deutsch

Search current area only → [Advanced search](#)

Home
Searching for patents
Applying for a patent
Law & practice
News & issues
Learning & events

Free online services
Subscription products
Asian patent information
Patent information centres
Essentials
Data

[Home](#) → [Searching for patents](#) → [Free online services](#) → Open Patent Services

Espacenet - patent search

European patent register

Third-party observations

European publication server

European Patent Bulletin

Open Patent Services

FAQ

EBD

IPScore

European patent applications and specifications

Common Citation Document

Patent translate

Open Patent Services (OPS)

Designed for automated queries, our Open Patent Services (OPS) deliver production-stable and high-quality raw patent data 24 hours a day, seven days a week.

With OPS you can:

- access the EPO's worldwide patent data
- enrich your own software applications
- develop tailor-made clients
- integrate your own data with data available via OPS.

To use OPS, you need to be familiar with RESTful web services.

Latest updates


19.12.2012
[OPS webservice now includes CPC classification symbols](#)

[RSS: Open Patent Services](#)

See also

[→ Patent Inf](#)

OPS RESTful

Title	Format
REST services WADL descriptor	WADL
OPS version 3.0 documentation - version 1.1	PDF 
Open Patent Services input and output XML schema	XSD
EPO Cl. 36 DOCDB subpage format for bibliographic data	vop

OPS RESTful documentation

CPC

Revision and Maintenance process

Amending the CPC scheme and/or definition,
and reclassifying the corresponding documentation

- From 1 January 2013 onwards CPC **jointly** administered by the EPO and USPTO
=> **Joint decisions** to amend the CPC scheme and definitions
- Changes through **maintenance** and **revision projects**

- **Share reclassification** resources when projects enter reclassification phase:
 - 50%-50% overall
 - in some projects flexibility to divide the work on a different share
- **Monthly updates** possible for CPC scheme and definitions
- **Support** will be provided:
 - Revision Concordance List (RCL)
 - Publication of changes 2 months before they enter into force

Thank you for your attention!

www.cpcinfo.org

cpc@epo.org

cpc@uspto.gov