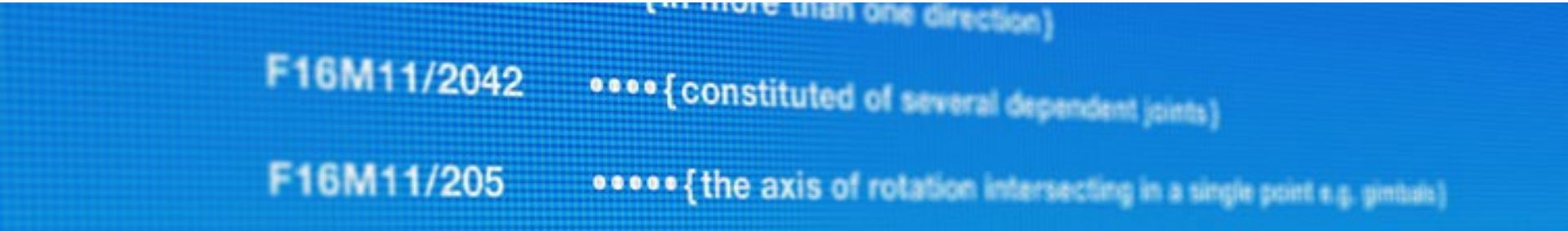
CPC Updates

Dimple Sopariwala
Jose Alconchel

19 February 2020



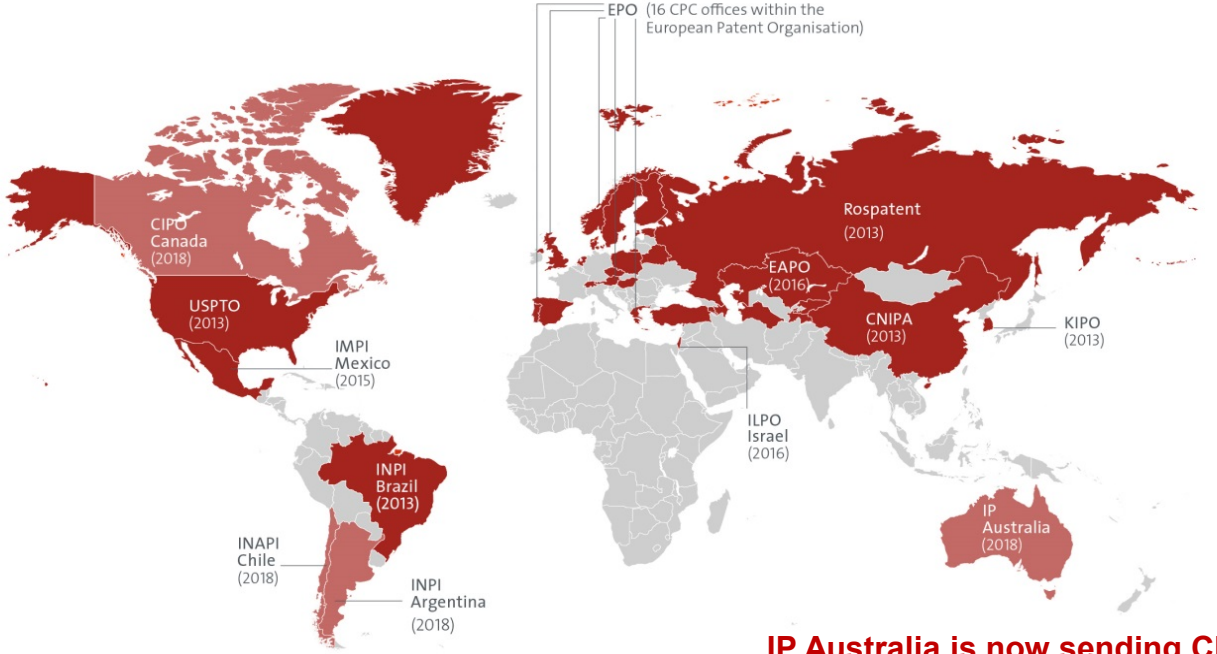
Agenda:

- CPC and National offices
- CPC coverage
- CPC updates
- CPC updates at the USPTO
- CPC updates at the EPO

The Cooperative Patent Classification

From a bilateral initiative to a global international classification system

29 Offices participating in the CPC



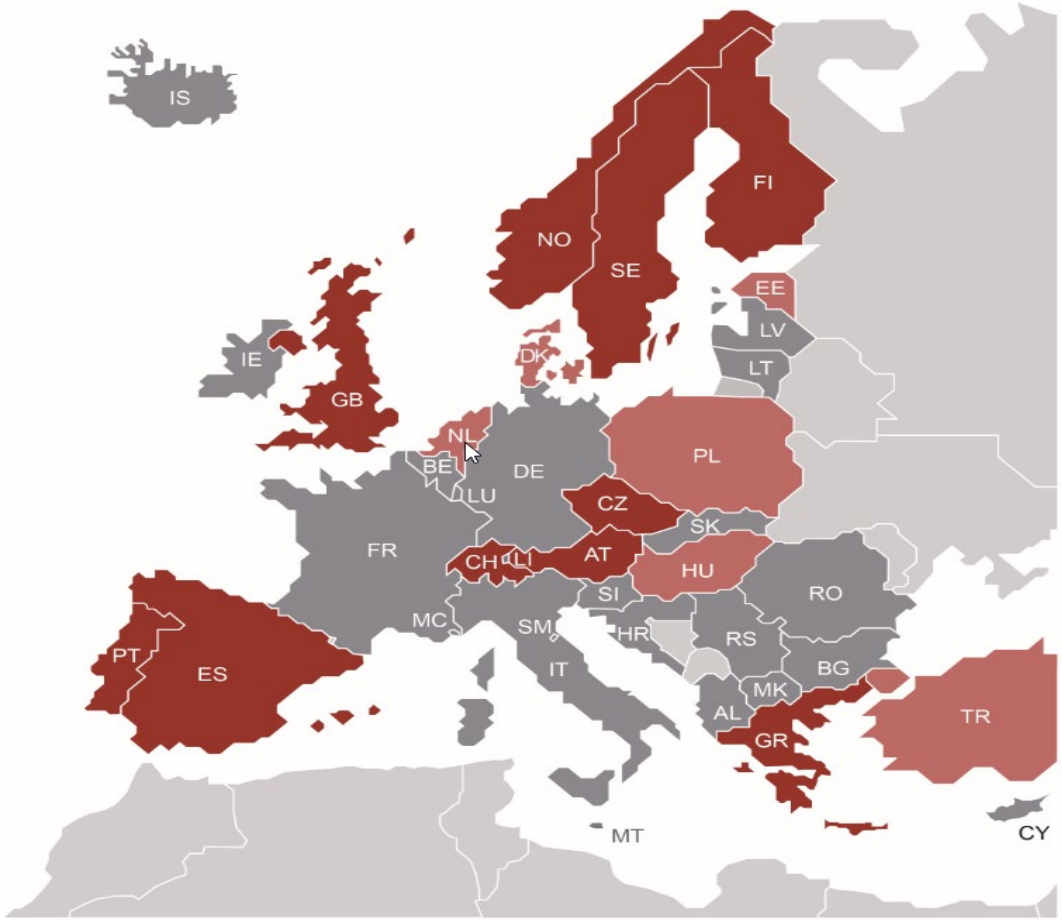
IP Australia is now sending CPC data
(available since 10 Feb 2020)

Offices in the CPC whose data is loaded in EPO's databases

Offices implementing the CPC

Source: European Patent Office

... including 16 EPO Member States



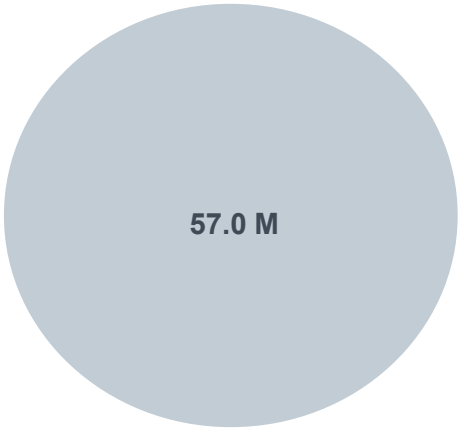
CPC coverage

Much more than EP & US documents

CPC coverage EPO core collection

Country	Country Code	Total Number of Bibliographic Data Records (source: EPODOC on 05/02/2020)	Number of Bibliographic Data Records classified in CPC	% of Bibliographic Data Records classified in CPC
EPO	EP	3.592.456	3.590.219	99,9%
United States	US*	12.834.263	12.822.785	99,9%
Austria	AT	1.008.631	723.590	71,7%
Belgium	BE	589.019	555.383	94,3%
Switzerland	CH	719.173	580.443	80,7%
Germany	DE	5.756.720	4.956.846	86,1%
France	FR	2.460.929	2.440.721	99,2%
United Kingdom	GB	2.409.191	2.153.523	89,4%
Luxembourg	LU	63.216	32.192	50,9%
The Netherlands	NL	551.987	539.484	97,7%
ARIPO	AP	4.073	3.992	98,0%
Australia	AU	1.498.948	1.203.520	80,3%
Canada	CA	2.497.260	1.385.029	55,5%
OAPI	OA	13.432	13.207	98,3%
WIPO	WO	3.713.592	3.703.858	99,7%
	*US A and B Publications only			
	TOTAL	37.712.890	34.704.792	

+ family propagation
+ 1.5 M NPL documents



57 M documents classified in the CPC

Publications with allocations from national offices

Country	Country Code	Total Number of Bibliographic Data Records (source: EPODOC on 05/02/2020)	Overall Number of publications classified in CPC (Family level)	Number of publications classified by the national office
Australia (14 Feb 2020)	AU	1.500.883	4.372	3.775 (1.966 WO and 1.809 AU)
Austria	AT	1.008.631	723.590	11.530
Brazil	BR	740.900	508.861	25.536
China	CN	20.632.269	6.903.470	4.420.981
Czech Republic	CZ	95.434	45.135	1.099
EAPO	EA	54.606	49.101	3.569
Finland	FI	197.351	119.187	9.862
Greece	GR	101.097	54.600	7.025
Israel	IL	109.538	95.471	1.218
Korea	KR	4.153.209	2.748.463	1.774.957
Mexico	MX	317.703	290.397	1.567
Norway	NO	208.845	182.975	9.512
Portugal	PT	131.318	120.947	575
Russian Fed.	RU	1.088.882	353.414	131.475
Spain	ES	1.412.323	735.927	38.190
Sweden	SE	523.374	336.137	145.431
Switzerland	CH	719.173	580.443	3.544
United Kingdom	GB	2.409.191	2.153.523	159.961
	TOTAL	33.903.844	16.001.641	6.746.032

2020 events where CPC will be presented

- **7th CPC Annual meeting with National Offices,** 18 February 2020, (WIPO) Geneva, Switzerland

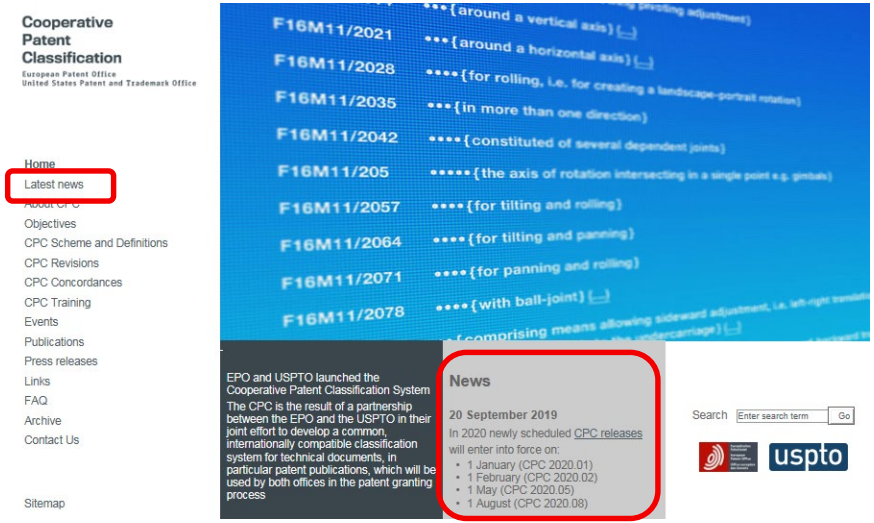
- **CPC Annual meeting with Industry,** 20 March 2020, EPO Vienna

- **Patent Information Users Group** (PIUG) 2020 annual conference, 26-30 April 2020, Orlando, Florida, United States

CPC Update

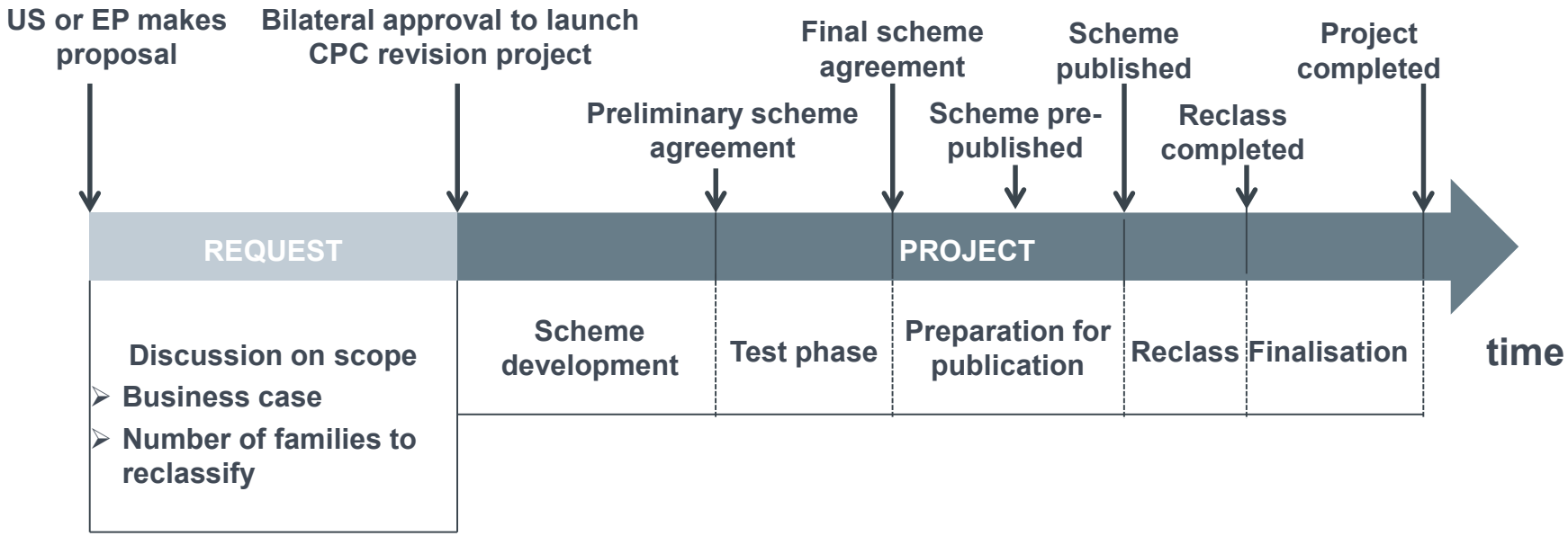
CPC Release Schedule

- Four releases per year
- Announced under "Latest News" section on www.cpcinfo.org

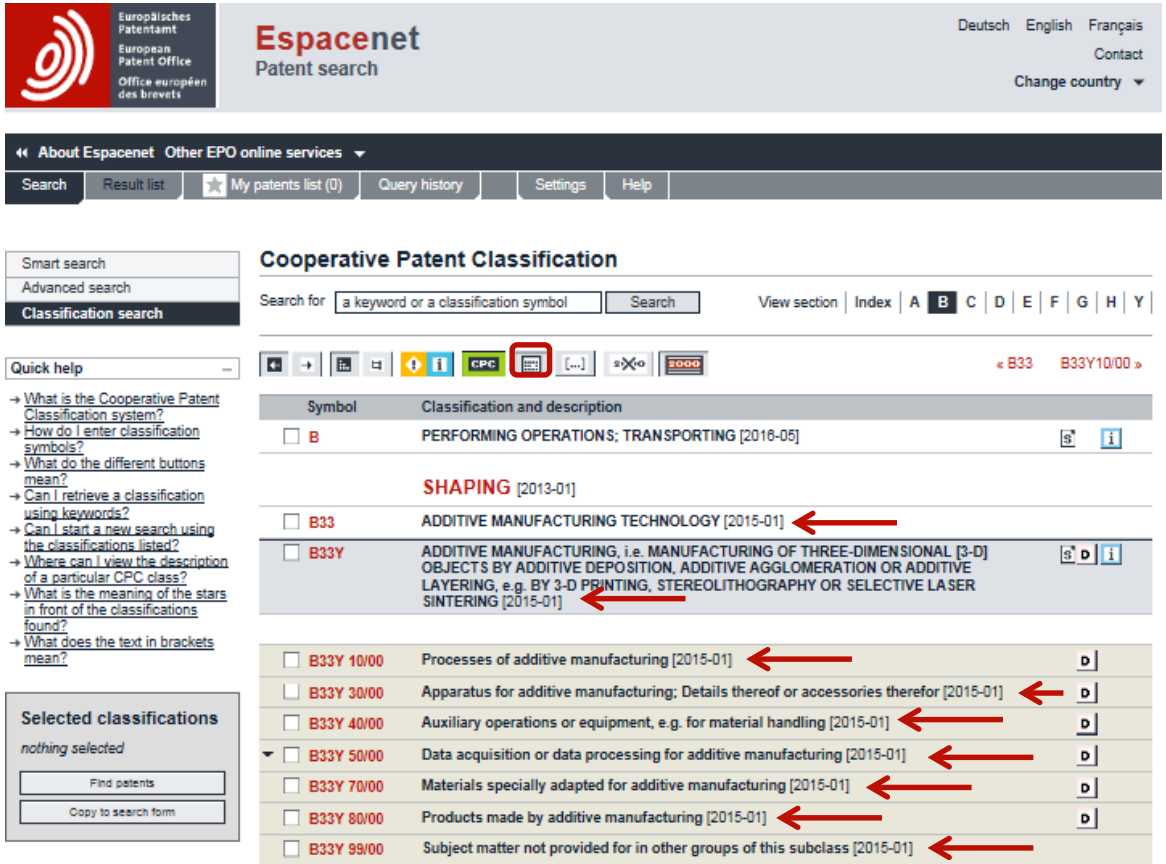


- Four CPC releases in **2020**:
  - 1 January 2020 — CPC 2020.01
  - **1 February 2020 — CPC 2020.02**
  - 1 May 2020 — CPC 2020.05
  - 1 August 2020 — CPC 2020.08

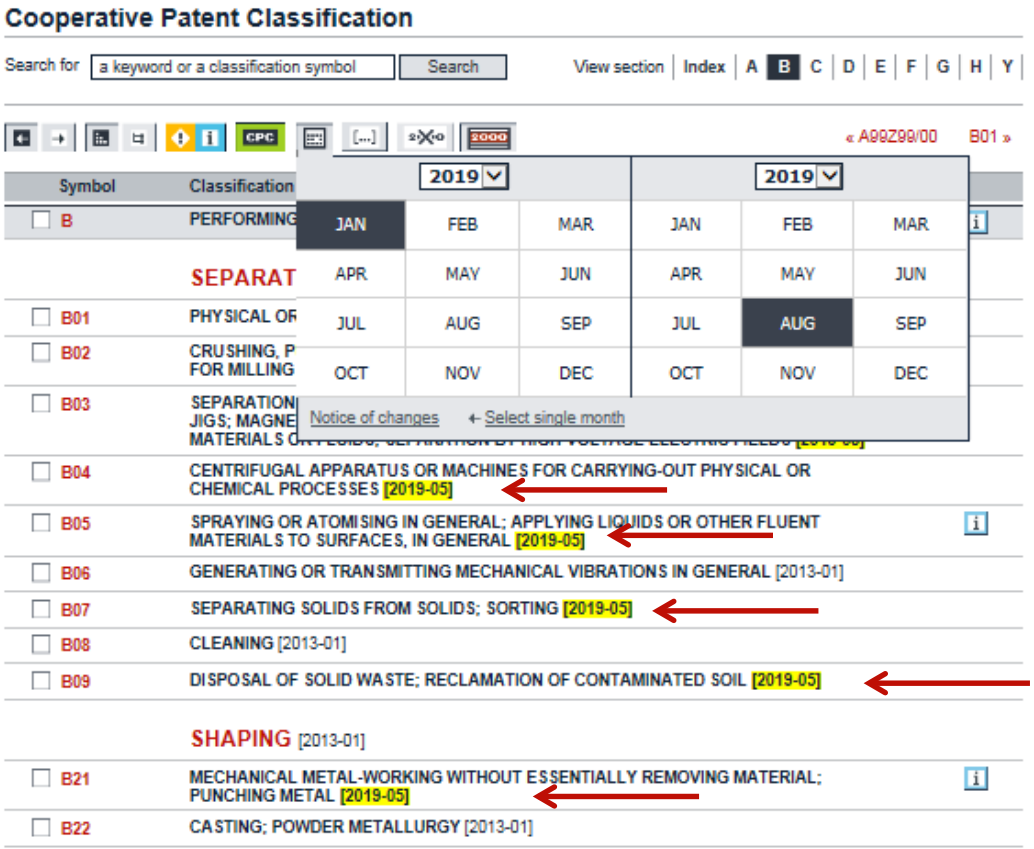
The CPC revision process



How can I see that a symbol has been revised?



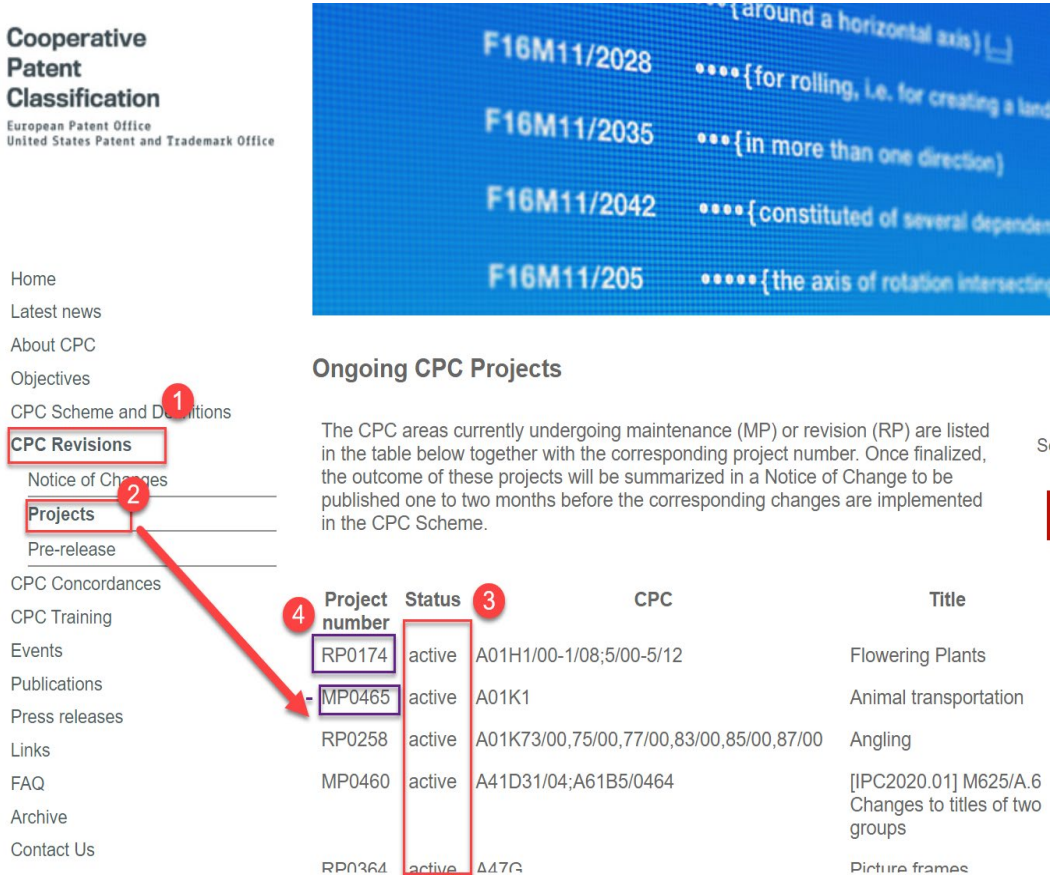
... within a specific time frame?



In which areas are projects running?

- For the **public**, the list of active projects can be retrieved from cpcinfo.org

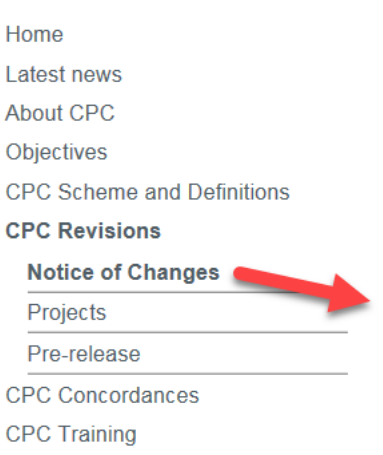
- **Offices** interested in following CPC revisions are encouraged to make the necessary **SAML** (single sign-on) developments to access the CEF.

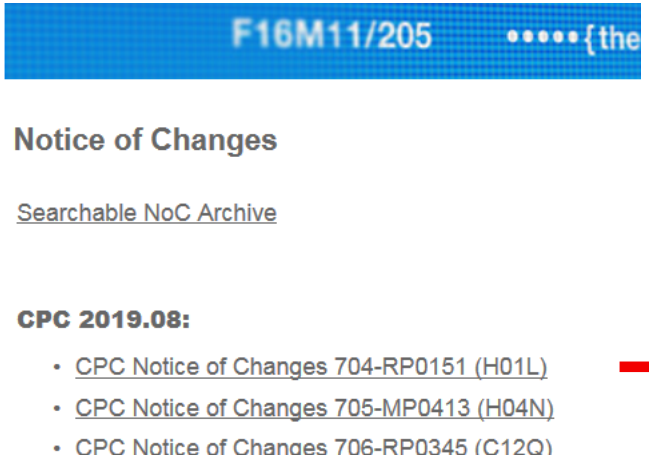


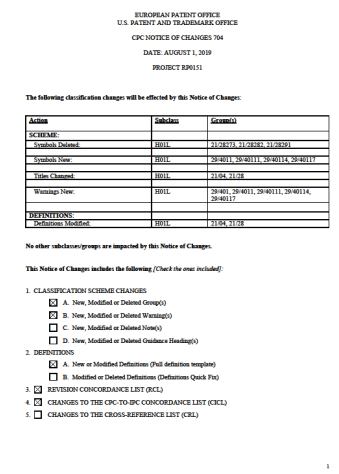
How can I look at the details of the changes?

Contained in the **CPC Notices of Changes** (NoCs)

- PDF/XML documents containing all the details of the changes
- Available one month prior to the entry into force of a new version of the CPC Scheme







Past NoCs are searchable!

Cooperative Patent Classification

European Patent Office
United States Patent and Trademark Office

- Home
- Latest news
- About CPC
- Objectives
- CPC Scheme and Definitions
- **CPC Revisions**
  - **Notice of Changes**
  - Projects
  - Pre-release
- CPC Concordances
- CPC Training
- Events
- Publications

Notice of Changes

Searchable NoC Archive

CPC 2019.02:

- CPC Notice of Changes 394-MP0314 (various)
- CPC Notice of Changes 525-MP0393 (G06F)
- CPC Notice of Changes 638-RP0586 (F02M)
- CPC Notice of Changes 639-RP0542 (various)
- CPC Notice of Changes 640-RP0571 (B65D)
- CPC Notice of Changes 641-RP0578 (various)

Searchable NoC archive

Latest Publication: 2019.02

Publication Date	Project Number	NoC #	Scope
2019.02	RP0126-F	653	B64C
2019.02	RP0568	652	B2
2019.02	RP0572	651	F2
2019.02	RP0565	650	B6
2019.02	RP0569	649	C1
2019.02	MP0414	648	C1
2019.02	RP0573	647	G0
2019.02	RP0557	646	H0
2019.02	RP0566	645	A4

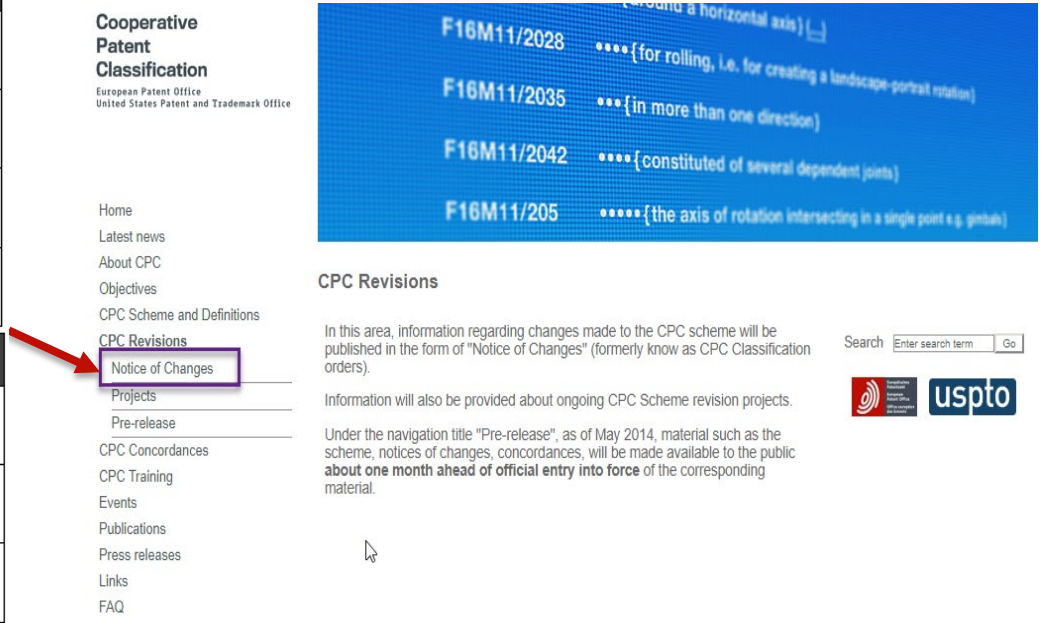
Latest Publication: 2019.02

Publication Date	Project Number	NoC #	Scope
2018.02	RP0485	472	A01B, A01D, A01G, C05F, C12N, E01C
2015.01	RP0119	59	A01G
2016.05	MP0189	200	A01G, A01K, B65F
2019.02	RP0578	641	A01G, C12N
2018.05	RP0484	501	A01H
2018.05	MP0353	508	A01K
2018.02	DP0187	457	A01K
2017.01	RP0414	352	A01K
2015.05	RP0020	79	A01K
2018.05	MP0354	509	A01M
2018.01	MP0397	468	A21D
2017.01	RP0412	355	A21D
2016.11	MP0156	286	A21D

CPC Notices of Changes (NoC) publications:

2019 NOC PUBLICATION	RP	DP	MP	TOTAL
JANUARY	41	8	32	81
FEBRUARY	15	0	3	18
MAY	36	4	10	50
AUGUST	15	3	14	32

2020 NOC PUBLICATION	RP	DP	MP	TOTAL
JANUARY	54	12	5	71
FEBRUARY	9	2	1	12
MAY (in process)	54	3	13	70
AUGUST				



Additional files available after the list of NoCs

- Home
- Latest news
- About CPC
- Objectives
- CPC Scheme and Definitions
- **CPC Revisions**
  - **Notice of Changes**
  - Projects
  - Pre-release
- CPC Concordances
- CPC Training

F16M11/205 •••••{the ax

Notice of Changes

Searchable NoC Archive

CPC 2019.08:

- CPC Notice of Changes 704-RP0151 (H01L)
- CPC Notice of Changes 705-MP0413 (H04N)
- CPC Notice of Changes 706-RP0345 (C12Q)

...

- CPC Notice of Changes 732-MP0441 (various)
- CPC Notice of Changes 733-MP0445 (various)
- CPC Notice of Changes 734-MP0446 (various)
- CPC Notice of Changes 735-MP0303 (G06F)
- Notice of Editorial Corrections August 2019
- Notice of Change of XML Artefacts August 2019
- CPC Compilation of Changes August 2019

CPC 2019.05:

- CPC Notice of Changes 654-RP0100 (G11B)

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

NOTICE OF EDITORIAL CORRECTIONS

PUBLICATION DATE: August 1, 2019

Summary of Editorial Corrections

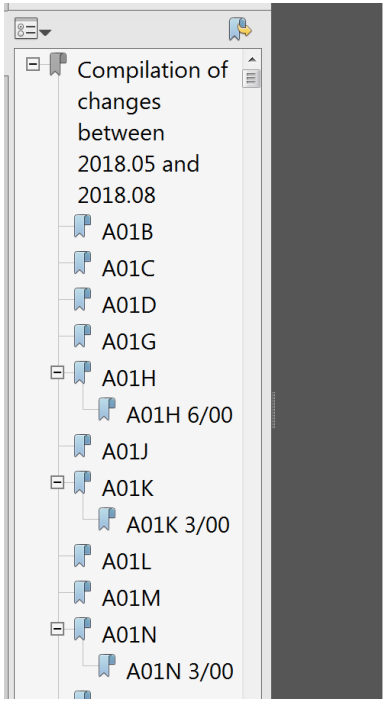
The following corrections have been made to errors found late in the processing of CPC projects issued in [add publication dates here]. Additional minor corrections to the scheme and definitions not associated with CPC projects are also included.

CORRECTIONS FROM 2019.05 PROJECTS:

RP0129 Definition Corrections	
Location	**Correction**
A61M35/00	DELETE: the following table rows from the Limiting References section: Bathing devices, in general A61H33/00 Baths for specific parts of the body, in general A61H35/00 Apparatus for applying media using vibrations A61M37/0092 Apparatus for iontophoresis A61N1/30
	INSERT: the following table rows into the Informative References section: Bathing devices, in general A61H33/00 Baths for specific parts of the body, in general A61H35/00 Apparatus for applying media using vibrations A61M37/0092 Apparatus for iontophoresis A61N1/30

Name	Type
Documentation	File folder
RP0144-cicl.xml	XML Document
RP0144-rcl.xml	XML Document
RP0151-cicl.xml	XML Document
RP0151-rcl.xml	XML Document
RP0211-cicl.xml	XML Document
RP0211-rcl.xml	XML Document
RP0238-cicl.xml	XML Document
RP0238-rcl.xml	XML Document

CPC compilation of changes (1/2)



2018.08

Compilation of changes to the CPC Scheme between 2018.05 and 2018.08

Presentation details

Entries for new symbols and headings	*Black text in italics*
Entries for existing symbols and headings	
—text insertions	*Green text in italics with yellow background*
—text deletions	~~Red strikethrough text with grey background~~
Entries for deleted symbols and headings	~~Black strikethrough text~~

- In cases where the originating project could not be found, "N/A" is given for the Project information (e.g. the change could be due to an Editorial Correction).
- Projects ending in "-F" indicate finalisation after reclassification was completed.

Project: N/A (A01B)

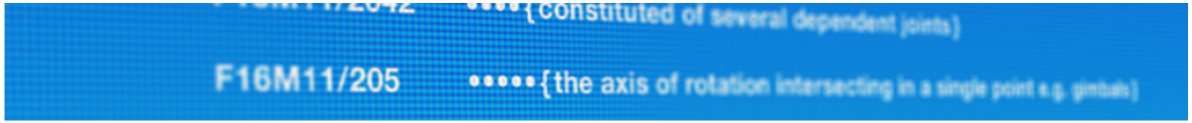
A01B — **SOIL WORKING IN AGRICULTURE OR FORESTRY; PARTS, DETAILS, OR ACCESSORIES OF AGRICULTURAL MACHINES OR IMPLEMENTS, IN GENERAL (making or covering furrows or holes for sowing, planting, or manuring A01C 5/00; soil working for engineering purposes E01, E02, E21;**

CPC compilation of changes (2/2)

Project: RP0290 (F16B)

C	**F16B 17/00**	**Connecting constructional elements or machine parts by a part of or on one member entering a hole in the other *{and involving plastic deformation}*(~~construction of pins, bolts or rivets F16B 19/00;~~ riveting F16B 19/04~~; means for preventing withdrawal of a pin, spigot or the like from its operative position, stud-and-socket releasable fastenings F16B 21/00~~)** *WARNING* *Group F16B 17/00 is impacted by reclassification into groups F16B 9/02, F16B 9/05 - F16B 9/09.* *All groups listed in this Warning should be considered in order to perform a complete search.*
D	F16B 17/002	· <administratively transferred to F16B 17/00> ~~{Non-releasable connections, i.e. by means of plastic deformation}~~
M	F16B 17/004	· - {of rods or tubes mutually}
E	F16B 17/006	· - {of rods or tubes to sheets or plates}
M	F16B 17/008	· - {of sheets or plates mutually~~}~~ *(joining sheets by riveting without the use of separate rivets F16B 5/045)}*

CPC revisions – pre-release area



Home
Latest news
About CPC
Objectives
CPC Scheme and Definitions
CPC Revisions
Notice of Changes
Projects
Pre-release
CPC Concordances
CPC Training
Events
Publications
Press releases
Links
FAQ
Archive
Contact Us

Pre-release

Search Enter search term Go

In this area of the website, CPC related material such as scheme files, notices of changes, concordances, etc, will be published **about one month before official entry into force** of this material.

The publication of the pre-released material started on 6 May 2014 concerning the June 2014 CPC scheme version (2014-06).

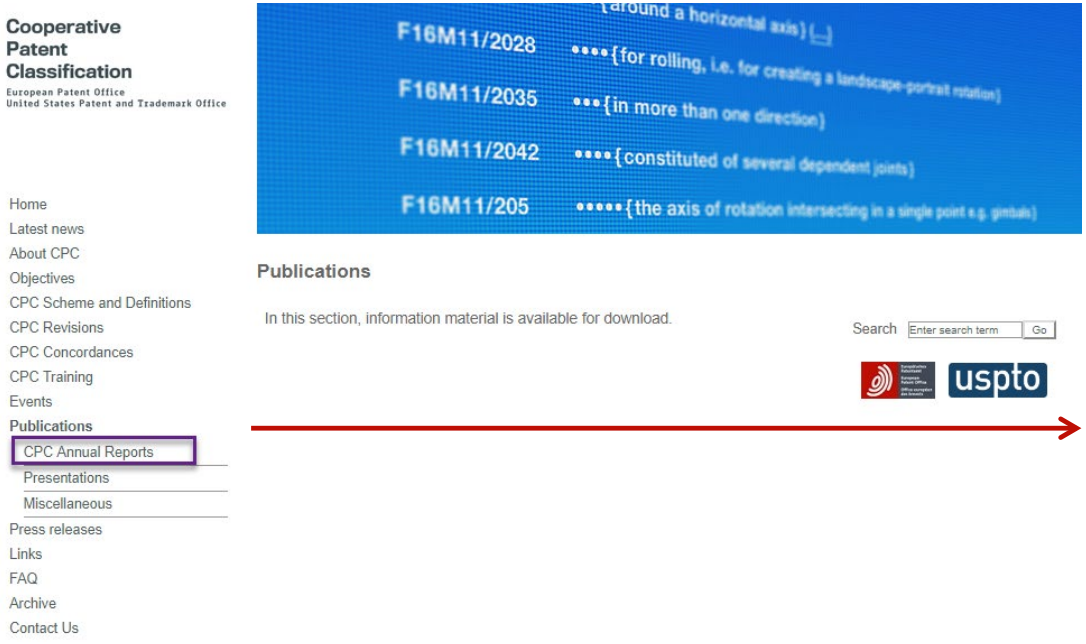
The pre-release will normally happen on the first Tuesday of a given month (for example Tuesday 6 May 2014) for entry into force on the first day of the following month (for example 1 June 2014).

2 July 2019: 2019.08 pre-released material:

- 2019.08 CPC Scheme in PDF and in XML
- 2019.08 CPC to IPC concordance in PDF, XML and TXT
- Notices of Changes related to the "2019.08 CPC Scheme":

- CPC Notice of Changes 704-RP0151 (H01L)
- CPC Notice of Changes 705-MP0413 (H04N)

CPC Annual Report 2017/2018



http://www.cooperativepatentclassification.org/publications/AnnualReports

Combination Sets (C-Sets)

- The **list of authorized areas** for classification with C-Sets has been **revised in February 2020** with additional classification practice information
- An extra table has been added showing CPC ranges in the polymers' area where C-Sets are not used for font file classification by can still be **used for search**.
- **Projects to harmonize detailed definitions** for the use of C-Sets in the area of polymers such as C08F, C08G, C08K, C08L, C09D, C09J have been completed.
- **Projects to clean wrong information** on C-Sets in the non-authorized areas have been completed.

Combination Sets (C-Sets)

Updated list of subclasses where combination sets are authorised **published**:

CPC Sections	A	B	C	D	E	F	G	H
CPC Subclasses:	A01N	B01D	C04B	D07B	None		G01N	H01L
	A23G	B01J	C05B				G02B	
	A23V	B05D	C05D					
	A61K	B22F	C05F					
	A61L	B29C	C05G					
	A61M	B32B	C07C					
		B65H	C08F					
			C08G					
			C08K					
			C08L					
			C09D					
			C09J					
			C10M					
			C12N					
			C12Q					

Published in January and February 2020

https://www.cooperativepatentclassification.org/publications/CombiSetsListofFields.pdf

Use of C-Sets in Notes in the scheme

C08F MACROMOLECULAR COMPOUNDS OBTAINED BY REACTIONS ONLY INVOLVING CARBON-TO-CARBON UNSATURATED BONDS

NOTES

1. In this subclass, boron or silicon are considered as metals.
2. In this subclass, the following expression is used with the meaning indicated:
   - "aliphatic radical" means an acyclic or a non-a… every bond to:
     a. an element other than carbon;
     b. a carbon atom having a double bond to one
     c. an aromatic carbocyclic ring or a heterocyc…

     Examples: Polymers of
     a. CH_2=CH—O—CH_2—CH_2—NH—CO…
     b. CH_2=CH-C(=O)-CH=CH_2 are classified …
     c. para-$C_6H_4Cl(CH=CH_2)$ are classified in …
3. Therapeutic activity of compounds is further class…
4. In this subclass, the last place priority rule is appli… contrary, a catalyst or a polymer is classified in th…
5. In this subclass:
   a. macromolecular compounds and their preparat… processes for the preparation of macromolecul… groups C08F 2/00-C08F 8/00 for the processes… also classified in the groups for the types of reactions employed, if of interest;
   b. subject matter relating to both homopolymers and copolymers is classified in groups C08F 10/00-C08F 38/00;
   c. subject matter limited to homopolymers is classified only in groups C08F 110/00-C08F 138/00;
   d. subject matter limited to copolymers is classified only in groups C08F 210/00-C08F 246/00;
   e. in groups C08F 210/00-C08F 238/00, in the absence of an indication to the contrary, a copolymer is classified according to the major monomeric component.
6. This subclass covers also compositions based on monomers which form macromolecular compounds classifiable in this subclass. In this subclass:
   a. if the monomers are defined, classification is made according to the polymer to be formed:
      - in groups C08F 10/00-C08F 246/00 if no preformed polymer is present;
      - in groups C08F 251/00-C08F 291/00 if a preformed polymer is present, considering the reaction to take place as a graft or cross-linking reaction;
   b. if the presence of compounding ingredients is of interest, classification is made in group C08F 2/44
   c. if the compounding ingredients are of interest per se , classification is also made in subclass C08K.
7. {In this subclass, combination sets [C-Sets] are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions}

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

7. {In this subclass, combination sets [C-Sets] are used. The detailed information about the C-Sets construction and the associated syntax rules are found in the Definitions}

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

C-sets notification in definition:

Combination Sets (C-Sets):

In this subclass, C-Sets classification is applied to the following groups, listed in the table below, if the document discloses a pertinent combination of technical features that cannot be covered by the allocation of a single symbol. The fourth column of the table indicates the place where the detailed information about the C-Sets construction and the associated syntax rules can be found, in the section "Special rules of classification".

C-SETS ID	BASE SYMBOLS	SUBSEQUENT SYMBOLS	C-SETS FORMULA; LOCATION OF C-SETS RULES
#C8Ka	C08K 3/00 - C08K 13/08 (excluding breakdown indexing codes)	C08L 1/00 - C08L 101/16 (excluding breakdown indexing codes)	(C08K, C08L); an additive with a single polymer; see C08K
#C8Lb	C08L 1/00 - C08L 101/16 (excluding breakdown indexing codes)	C08L 1/00 - C08L 101/16 (excluding breakdown indexing codes), C08K 3/00 - C08K 13/08 (excluding breakdown indexing codes)	(C08L, C08L, ..., C08K, ...); a composition comprising two or more polymers with additive(s); see C08L
#C8Lb(Si)	C08L 1/00 - C08L 101/16 (excluding C08L 83/02 - C08L 83/16)	C08L 83/02 - C08L 83/16, C08L 83/00, C08K 3/00 - C08K 13/08 (excluding breakdown indexing codes)	(C08L, C08L 83/02 - C08L 83/16, C08L 83/00,..., C08K, ...); a composition comprising one non Si-based polymer in majority and two or more Si-based polymers with additive(s); see C08L
#C8Lb(Si)2	C08L 83/02 - C08L 83/16	C08L 83/00, and optionally C08L 1/00 - C08L 101/16, (excluding C08L 83/02	(C08L 83/02 - C08L 83/16, C08L 83/00,..., C08L, ..., C08K,...); a

C-sets notification in definition:

C-Sets statement : #C8Ka

- In groups C08K 3/00 - C08K 13/08, a composition comprising additive(s) and one polymer is classified in the form of C-Sets.
- In these C-Sets, the base symbol, representing the additive is taken from the groups C08K 3/00 - C08K 13/08, whereas the subsequent symbol representing the polymer combined with the additive is taken from the groups C08L 1/00 - C08L 101/16.

C-Sets syntax rules:

- Each of these C-Sets shall contain exactly two symbols
- Duplicate symbols are not allowed in these C-Sets.
- Breakdown and orthogonal index codes are not allowed in the C-Sets either as base symbols or as subsequent symbols.
- The order of symbols in these C-Sets is relevant as it reflects the presence of one additive and one polymer
- If a composition comprising one polymer, e.g. polymer X, and two or more additives, e.g. Additive A and B, separate C-Sets are given to each additive and the polymer X, e.g. (additive A, polymer X) and (additive B, polymer X).
- For a composition comprising one polymer and four or more essential additives, e.g. additives A, B, C, D and polymer X, a C-Set is given using C08K13/yy and separate C-Sets are given to each additive and the polymer X. For example, (C08K13/yy, polymer X), (additive A, polymer X), (additive B, polymer X), (additive C, polymer X), and (additive D, polymer X).
- If an additive within C08K is disclosed in admixture with one polymer selected from a list of several polymers, but each of those polymers does not form a blend, all exemplified combinations must be classified as separate C-Sets, e.g. polystyrene or PVC containing a carboxylic amide is separately classified in (C08K 5/20, C08L 25/06) and (C08K 5/20, C08L 27/06).
- In the absence of examples, at least one C-Set is given on the basis of sufficient description of the polymer and the additive in the document.
- If an additive is used in admixture with two or more polymers in a blend, the composition is classified in a form of C-Sets following C-Sets rule in C08L, wherein the additive is assigned as subsequent symbol (see C-Sets #C8Lb).

C-Sets examples:

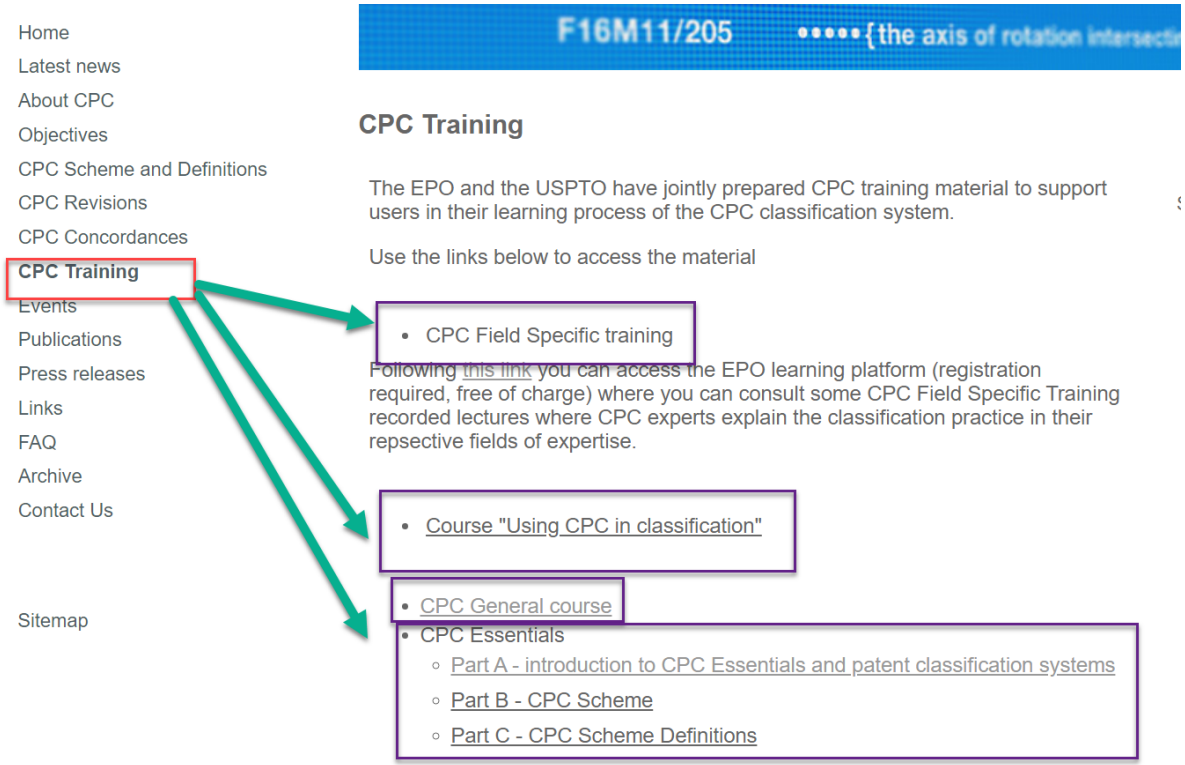
- #C8Ka: An admixture comprising carbon black (C08K 3/04) combined with butadiene-styrene rubber (C08L 9/06) is classified as (C08K 3/04, C08L 9/06).

- #C8Ka: An admixture comprising glass fibers (C08K 7/14) and resorcinol phosphate (C08K 5/523) combined with nylon 6, 6 (C08L 77/06) is classified as (C08K 7/14, C08L 77/06) and (C08K 5/523, C08L 77/06).
- #C8Ka: An admixture of styrene-butadiene rubber with carbon black (C08K 3/04), sulfur (C08K 3/06), silica (C08K 3/36) and silane coupling agent with sulfide bridge (C08K 5/548) is classified as (C08K 13/02, C08L 9/06), (C08K 3/06, C08L 9/06), (C08K 3/04, C08L 9/06), (C08K 5/548, C08L 9/06), and (C08K 3/36, C08L 9/06).

Want to know more about CPC classification practice?

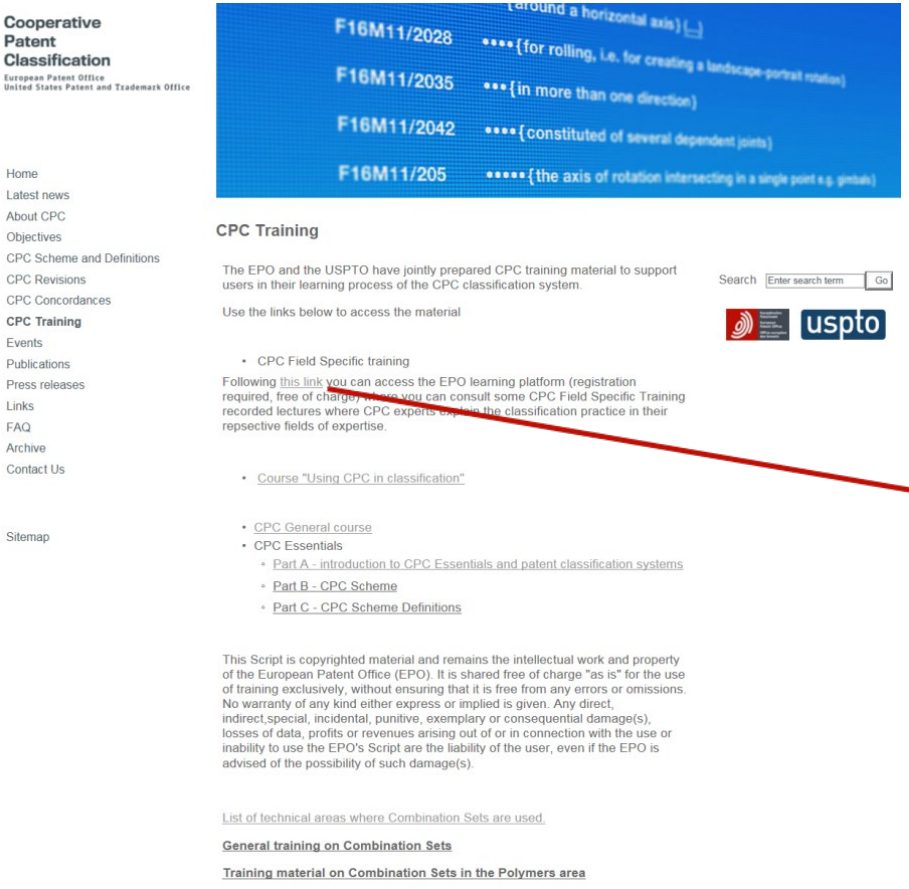
- CPC Scheme & Definitions
- CPC General and Advanced training
- See **e-learning modules** on the cpcinfo.org website (European Patent Academy):
  - Using CPC in classification
  - Practical and strategic aspects of the CPC
- CPC Field-specific training material:
  - Recorded lectures on cpcinfo.org (European Patent Academy)

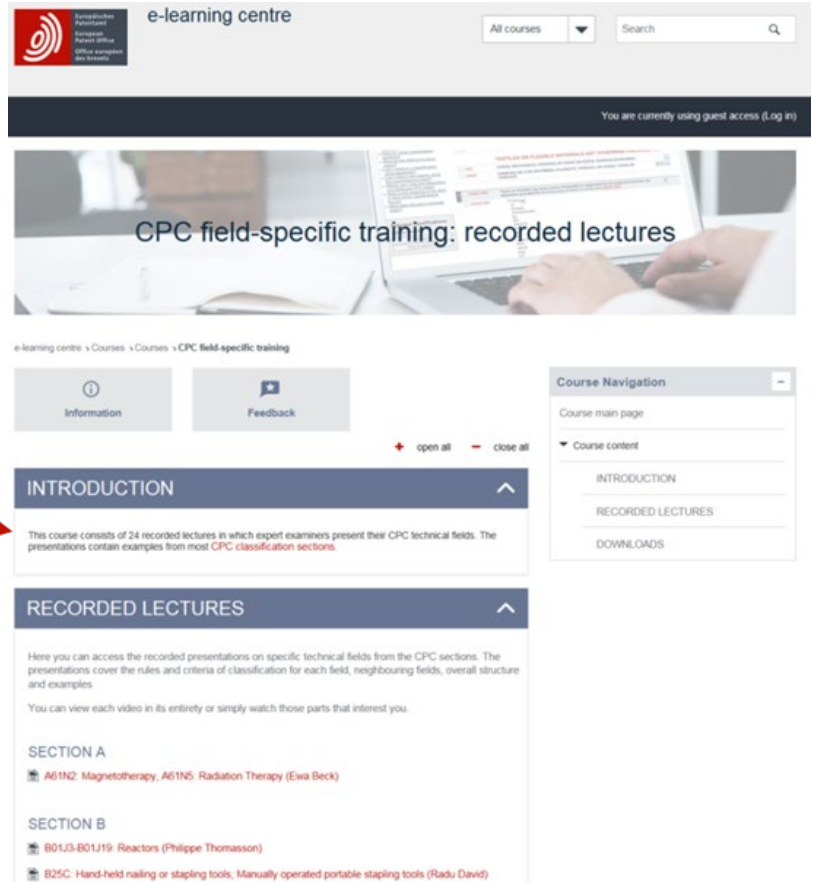
CPC training modules:



https://www.cooperativepatentclassification.org/Training

CPC training material





CPC Updates at the USPTO

CPC training

- USPTO training

  Bilateral consultation

  - Examiner(s)/classifier(s) focused workshop / training
  - Training material
  - Timeline for the training
  - Previous training held at Israel, Korea, and the USPTO
  - Specific feedback - contact the USPTO classification division (CQIC – classification quality and international coordination division)

CPC Implementation at the USPTO

- The USPTO transitioning from USPC (United States Patent Classification) routing to **CPC routing**
  - The CPC routing project also included a review and reallocation of time allotted to examiners for each application
  - The routing per CPC will start in October 2020.
- Research on artificial intelligence (AI) for classification

The USPTO future plans:

Search and Classification Examiners (SCE) Program:

- Approximately **140** SCEs to start in their role in April 2020
  - It is a 2 year assignment.
  - The SCEs will examine for 70% of their time.
- The SCEs will be tasked with many classification related activities including:
  - Quality assurance of initial classification and reclassification
  - Revision projects
  - Technical field training
  - Continued collaboration with EPO QNs to ensure harmonized classification practices

EPO update

CPC collective training event (16-18 June 2020, The Hague)

- Theme: **Additive Manufacturing – 3D printing**
  - **ICT**: G06F30/00 (CAD), H04N1 (scanning)
  - **HBC:** B22F (working metallic powder), C22C (alloys)
  - **M&M:** B41J2 (printing, e.g. inkjet printers), B29C64 (additive deposition), B29D35 (producing footwear)
  - B33Y

- Blended approach including classification of documents

- Other technical fields?
  Please contact us at cpctraining@epo.org

Fields proposed in 2019 by some offices (Australia, UK, Spain, Israel)

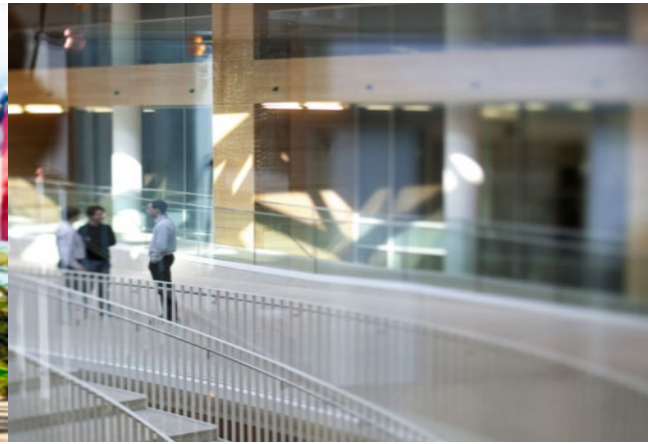
Fields sector ICT		Fields sector HBC		Fields sector MM					
G06N	COMPUTER SYSTEMS BASED ON SPECIFIC COMPUTATIONAL MODELS	A61K39 (+C07K)	Medicinal preparations containing antigens or antibodies	B60Y2200/00	Type of vehicle	F02B	INTERNAL-COMBUSTION PISTON ENGINES; COMBUSTION ENGINES IN GENERAL	F01M	LUBRICATING OF MACHINES OR ENGINES IN GENERAL; LUBRICATING INTERNAL COMBUSTION ENGINES; CRANKCASE VENTILATING
H01L	SEMICONDUCTOR DEVICES; ELECTRIC SOLID STATE DEVICES NOT OTHERWISE PROVIDED FOR	C12M	APPARATUS FOR ENZYMOLOGY OR MICROBIOLOGY; {APPARATUS FOR CULTURING MICROORGANISMS FOR PRODUCING BIOMASS, FOR GROWING CELLS OR FOR OBTAINING FERMENTATION OR METABOLIC PRODUCTS, i.e. BIOREACTORS OR FERMENTERS}	B60W	CONJOINT CONTROL OF VEHICLE SUB-UNITS OF DIFFERENT TYPE OR DIFFERENT FUNCTION; CONTROL SYSTEMS SPECIALLY ADAPTED FOR HYBRID VEHICLES; ROAD VEHICLE DRIVE CONTROL SYSTEMS FOR PURPOSES NOT RELATED TO THE CONTROL OF A PARTICULAR SUB-UNIT	F02D	CONTROLLING COMBUSTION ENGINES	F01N	GAS-FLOW SILENCERS OR EXHAUST APPARATUS FOR MACHINES OR ENGINES IN GENERAL; GAS-FLOW SILENCERS OR EXHAUST APPARATUS FOR INTERNAL COMBUSTION ENGINES
H04L29	Arrangements, apparatus, circuits or systems	A61K47/50	the non-active ingredient being chemically bound to the active ingredient, e.g. polymer-drug conjugates	F15B	SYSTEMS ACTING BY MEANS OF FLUIDS IN GENERAL; FLUID-PRESSURE ACTUATORS, e.g. SERVOMOTORS; DETAILS OF FLUID-PRESSURE SYSTEMS, NOT OTHERWISE PROVIDED FOR	F02F	CYLINDERS, PISTONS OR CASINGS, FOR COMBUSTION ENGINES; ARRANGEMENTS OF SEALINGS IN COMBUSTION ENGINES	F04B	POSITIVE-DISPLACEMENT MACHINES FOR LIQUIDS; PUMPS
H04N21	Selective content distribution, e.g. interactive television or video on demand [VOD]	A61N1	Electrotherapy; Circuits therefor	F16H59-63	Control inputs to {control units of} change-speed-, or reversing-gearings for conveying rotary motion	F02G	HOT GAS OR COMBUSTION-PRODUCT POSITIVE-DISPLACEMENT ENGINE PLANTS	F04D	NON-POSITIVE-DISPLACEMENT PUMPS
H04R3	Circuits for transducers	C08F	MACROMOLECULAR COMPOUNDS OBTAINED BY REACTIONS ONLY INVOLVING CARBON-TO-CARBON UNSATURATED BONDS	F01B	MACHINES OR ENGINES, IN GENERAL OR OF POSITIVE-DISPLACEMENT TYPE, e.g. STEAM ENGINES	F02M	SUPPLYING COMBUSTION ENGINES IN GENERAL WITH COMBUSTIBLE MIXTURES OR CONSTITUENTS THEREOF	F03D	WIND MOTORS
G06T1	General purpose image data processing	C08G	MACROMOLECULAR COMPOUNDS OBTAINED OTHERWISE THAN BY REACTIONS ONLY INVOLVING UNSATURATED CARBON-TO-CARBON BONDS	F01C	ROTARY-PISTON OR OSCILLATING-PISTON MACHINES OR ENGINES	F02N	STARTING OF COMBUSTION ENGINES	F03G	SPRING, WEIGHT, INERTIA OR LIKE MOTORS; MECHANICAL-POWER PRODUCING DEVICES OR MECHANISMS, NOT OTHERWISE PROVIDED FOR OR USING ENERGY SOURCES NOT OTHERWISE PROVIDED FOR
G10L15	Speech recognition	C08L	COMPOSITIONS OF MACROMOLECULAR COMPOUNDS	F01D	NON-POSITIVE DISPLACEMENT MACHINES OR ENGINES, e.g. STEAM TURBINES	F02P	IGNITION, OTHER THAN COMPRESSION IGNITION, FOR INTERNAL-COMBUSTION ENGINES; TESTING OF IGNITION TIMING IN COMPRESSION-IGNITION ENGINES	F04C	ROTARY-PISTON, OR OSCILLATING-PISTON, POSITIVE-DISPLACEMENT MACHINES FOR LIQUIDS
G06K	RECOGNITION OF DATA; PRESENTATION OF DATA; RECORD CARRIERS; HANDLING RECORD CARRIERS	C08K	Use of inorganic or non-macromolecular organic substances as compounding ingredients	F01K	STEAM ENGINE PLANTS; STEAM ACCUMULATORS; ENGINE PLANTS NOT OTHERWISE PROVIDED FOR; ENGINES USING SPECIAL WORKING FLUIDS OR CYCLES	F03B	MACHINES OR ENGINES FOR LIQUIDS	F04F	PUMPING OF FLUID BY DIRECT CONTACT OF ANOTHER FLUID OR BY USING INERTIA OF FLUID TO BE PUMPED
G06F19	Digital computing or data processing equipment or methods, specially adapted for specific application			F01L	CYCLICALLY OPERATING VALVES FOR MACHINES OR ENGINES	F03C	POSITIVE-DISPLACEMENT ENGINES DRIVEN BY LIQUIDS		

Europäisches Patentamt
European Patent Office
Office européen des brevets

EPO’s Strategic Plan 2023

Master the Prior Art - Classification



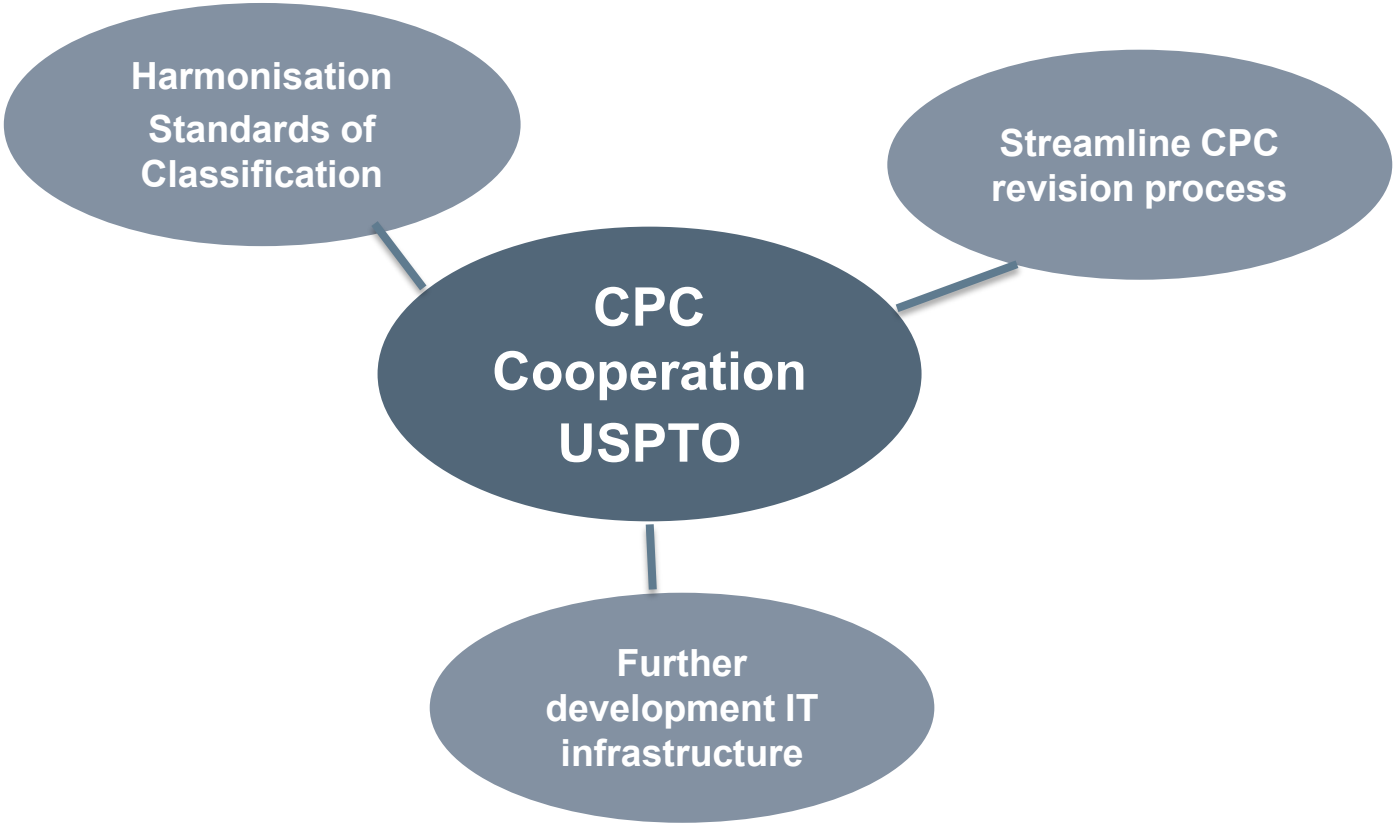


José Alconchel Ungria and Pierre Held

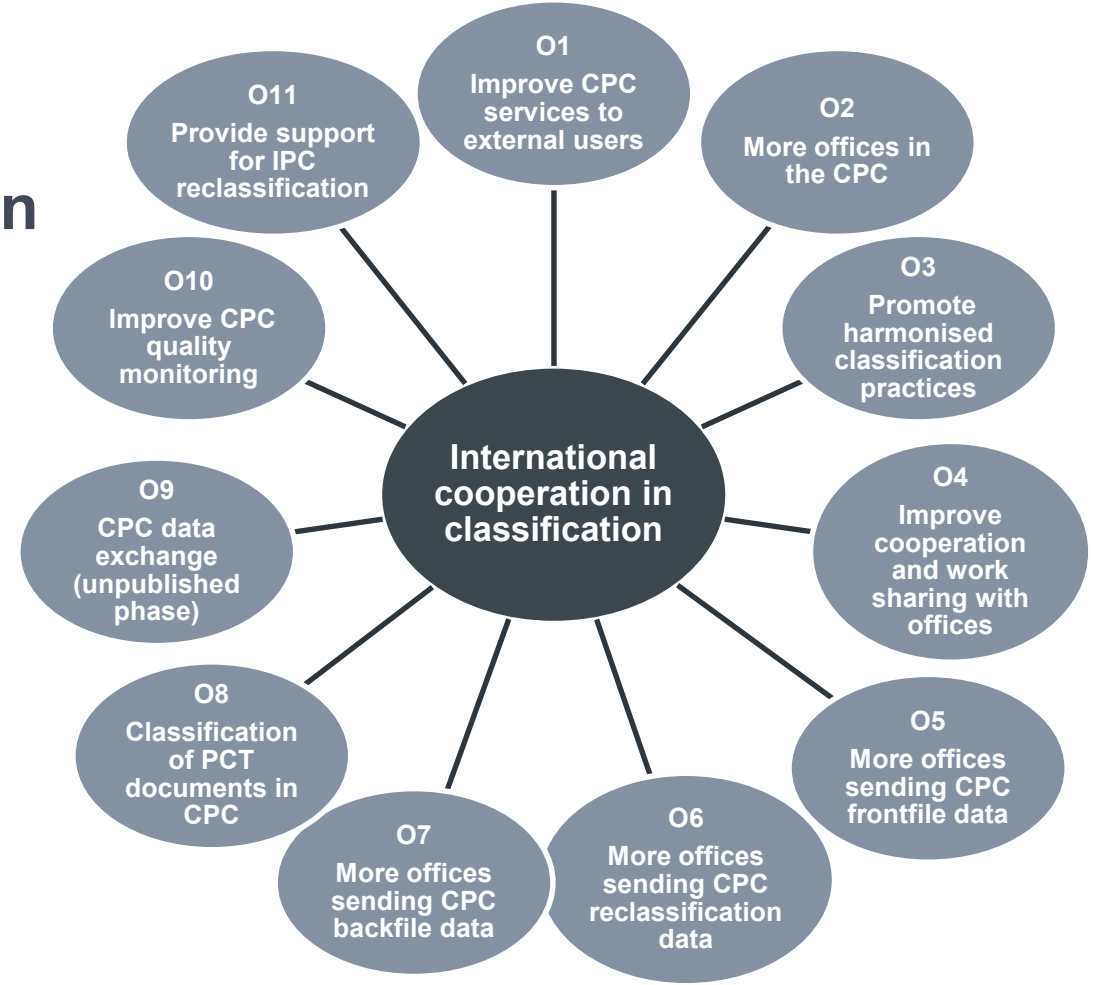
EPO, Directorate Classification & Documentation

Geneva 18/02/2020

Project CPC cooperation with the USPTO



Project International Cooperation in Classification

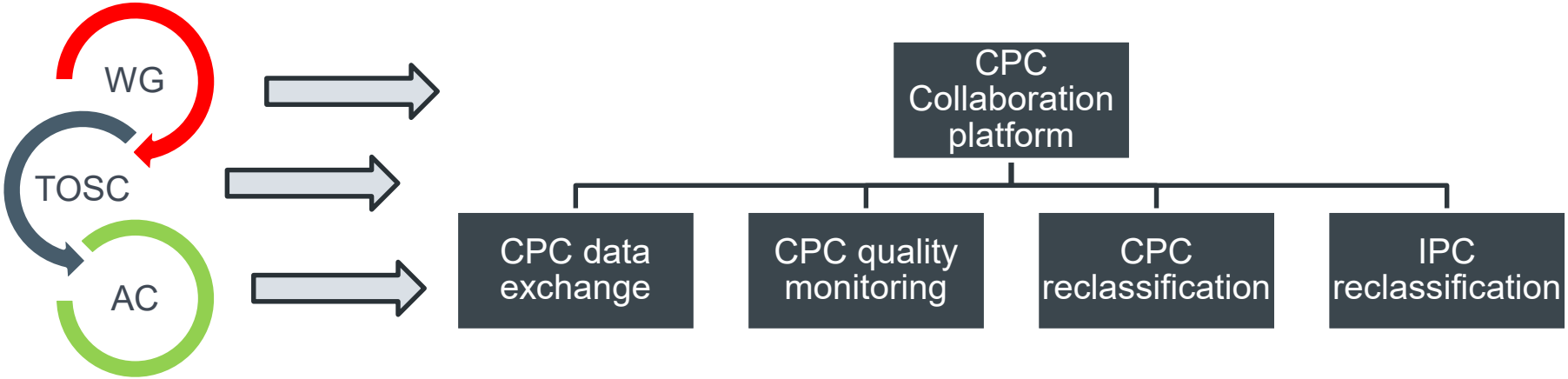


Expected deliverables:

- **Training material**
- **CPC data exchange service**
- **CPC reclassification service**
- **IPC reclassification service**
- **CPC quality monitoring service**

Embedded in a **CPC collaboration platform**

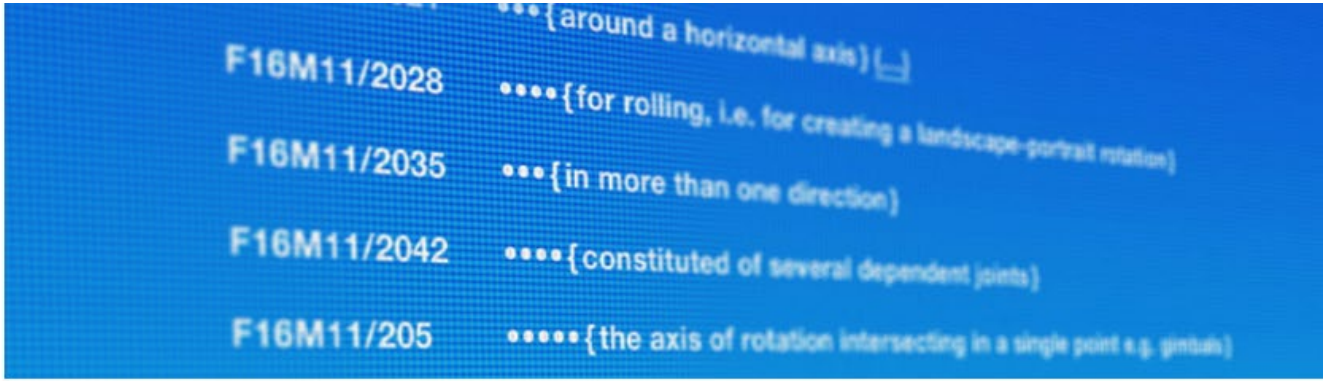
Project Cooperative Patent Classification (IT Cooperation): focus on EPO Member States



CPC Working Group, 4-5 March 2020 EPO The Hague

Cooperative
Patent
Classification

European Patent Office
United States Patent and Trademark Office



Thank you for your attention!

More info? www.cpcinfo.org

cpc@uspto.gov cpc@epo.org