



CPC UPDATE FOR IPC/CE 56

25 February 2025, Geneva

F16M11/2042

•••• {constituted of several dependent joints}

F16M11/205

••••• {the axis of rotation intersecting in a single point e.g. gimbal}

THE CPC COMMUNITY

From a bilateral system to a global
international classification standard



FROM 2 TO 38 CPC OFFICES: A GROWING CPC COMMUNITY

There are now 38 offices in the CPC (including the EPO and USPTO):

AT, AR, AU, BE, BG, BR, CA, CH, CL, CN, CZ, DK, EA, EE, ES, FI, GB, GR, HU, IL, IT, KR, LU, LV, MA, MC, MX, NL, NO, PE, PL, PT, RO, RU, SE and TR

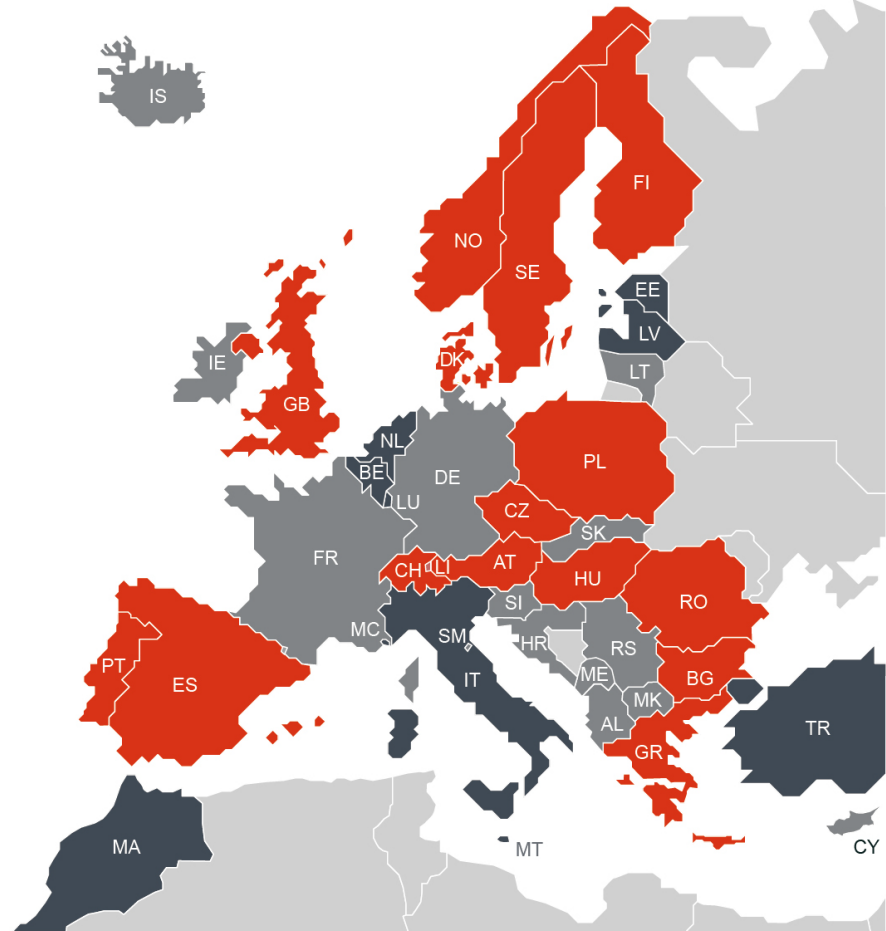
- **Morocco** and **Bulgaria** joined the CPC in 2021
- **Peru** joined the CPC in April 2022
- **Monaco** and **Belgium** joined the CPC in July 2022
- **Italy** joined the CPC in September 2022
- **Luxembourg** joined the CPC in December 2022
- **Latvia** joined the CPC in February 2023

23 EPO member states and 1 validation state in the CPC

23 EPO member states (besides the EPO):

AT, BE, BG, CH, CZ, DK, EE, ES, FI, GB, GR, HU, IT,
LU, LV, MC, NL, NO, PL, PT, RO, SE and TR

1 validation state: MA (Morocco)



CPC COVERAGE

Increase the CPC coverage of our search collection and share it with the world



CPC COVERAGE OF SYSTEMATICALLY CLASSIFIED COLLECTION

(2 February 2025)

Country	Country Code	Total number of applications	Total number of applications classified in the CPC	% of applications classified in the CPC
EPO	EP	4.490.500	4.488.685	100,0%
United States	US-A + US-B Docs	15.030.283	15.024.322	100,0%
Austria	AT	1.016.332	744.334	73,2%
Belgium	BE	596.686	564.361	94,6%
Switzerland	CH	724.774	588.618	81,2%
Germany	DE	6.069.881	5.434.659	89,5%
France	FR	2.531.672	2.514.157	99,3%
United Kingdom	GB	2.464.990	2.216.672	89,9%
Luxembourg	LU	71.983	70.993	98,6%
The Netherlands	NL	566.046	553.595	97,8%
ARIPO	AP	5.537	4.300	77,7%
Australia	AU	1.685.480	1.373.734	81,5%
Canada	CA	2.702.419	1.559.491	57,7%
OAPI	OA	13.435	13.236	98,5%
WIPO	WO	5.045.635	5.035.959	99,8%
	TOTAL	<u>43.015.653</u>	<u>40.187.116</u>	

CPC DATA SENT BY 23 CPC OFFICES (2 February 2025)

Country	Country Code	Number of applications classified in the CPC	Number of applications classified in the CPC by national office
Australia	AU	1.685.480	24.791
Austria	AT	1.016.332	19.568
Bulgaria	BG	54.142	495
Brazil	BR	862.371	47.607
China	CN	41.798.611	12.012.521
Czech Republic	CZ	102.723	9.327
Denmark	DK	465.716	4.248
EAPO	EA	62.668	9.399
Finland	FI	210.579	18.860
Greece	GR	107.889	8.827
Hungary	HU	161.718	2.947
Israel	IL	174.914	57.945
Korea	KR	5.315.121	4.461.365
Mexico	MX	397.079	1.647
Norway	NO	215.331	15.977
Poland	PL	453.498	7.636
Portugal	PT	152.532	2.067
Romania	RO	78.388	1.412
Russian Fed.	RU	1.178.088	218.860
Spain	ES	1.590.672	45.061
Sweden	SE	529.468	159.916
Switzerland	CH	724.774	9.471
United Kingdom	GB	2.464.990	218.179
TOTAL		59.295.444	17.357.631

New: Bulgaria is now exchanging CPC data!

EPO core collection

- + CPC data from other offices
- + Family propagation
- + 2.7 Million NPL documents



78.0 million documents

78.0 million documents are now classified in the CPC (2 February 2025)

A DYNAMIC CPC SCHEME

Keeping CPC updated with
on-going technological developments

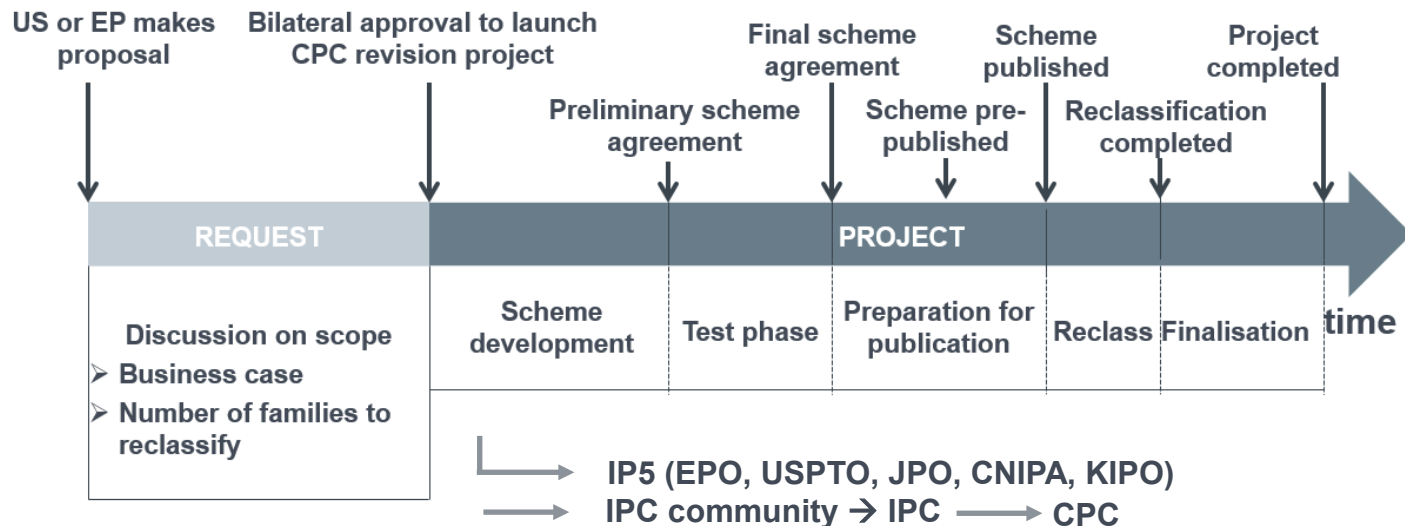


CPC KEPT BEING UPDATED: CPC REVISIONS

- **Adaptations** of the CPC scheme are **triggered** by:

- EPO / USPTO / patent offices' examiners
- Classification departments

- **CPC bilateral revision process:**

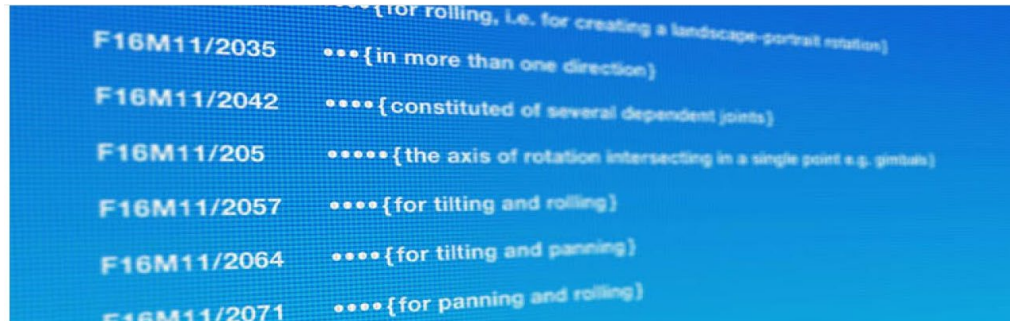


CPC RELEASE SCHEDULE

- Three to four releases per year
- Announced under "Latest News" section on www.cpcinfo.org

- Three CPC releases in 2025*:

- **1 January 2025 CPC 2025.01**
- 1 May 2025 CPC 2025.05
- 1 August 2025 CPC 2025.08



EPO and USPTO launched the Cooperative Patent Classification System

The CPC is the result of a partnership between the EPO and the USPTO in their joint effort to develop a common, internationally compatible classification system for technical documents, in particular patent publications, which will be used by both offices in the patent granting process

News

1 January 2025

The 2025.01 version of the CPC scheme is now in force.

As announced, the 2025.01 version of the CPC scheme which was prereleased on 3 December 2024 is now in force.

* No February CPC release needed as **all IPC scheme changes were included** in the January 2025 CPC release 😊

CPC REVISIONS – PRE-RELEASE AREA

Cooperative
Patent
Classification
European Patent Office
United States Patent and Trademark Office

Home Latest news About Objectives CPC Scheme and Definitions **CPC Revisions** CPC Concordances CPC Training Events Publications

F16M11/2028 ••••{for rolling,
F16M11/2035 •••{in more than
F16M11/2042 ••••{constituted of several dependent joints}
F16M11/205 •••••{the axis of rotation intersecting in a single point e.g. gimbal}
F16M11/2057 ••••{for tilting and rolling}
F16M11/2064 ••••{for tilting and panning}
F16M11/2071 ••••{for panning and rolling}

Notice of Changes
Ongoing CPC Projects
Pre-release

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News

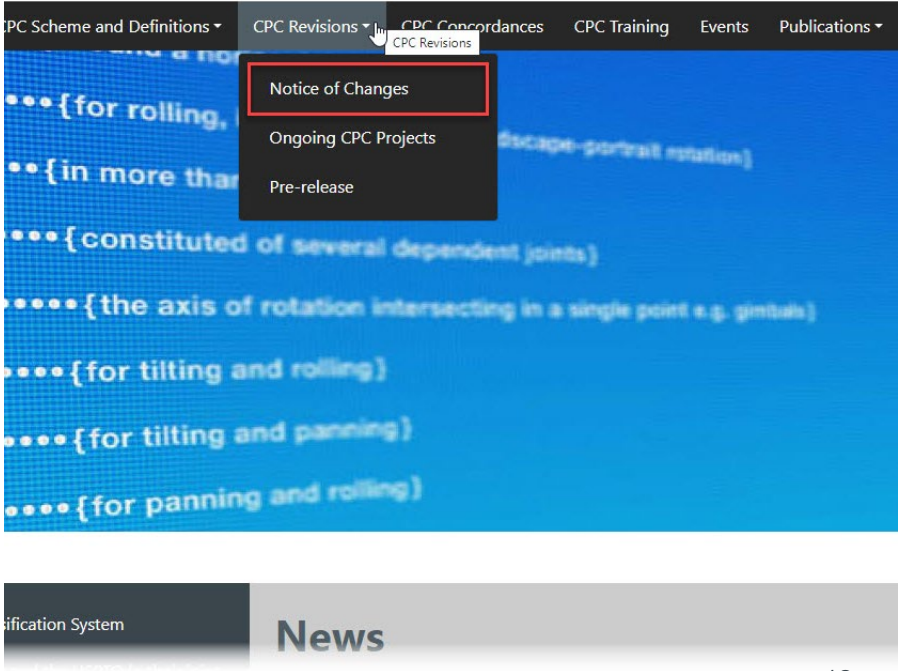
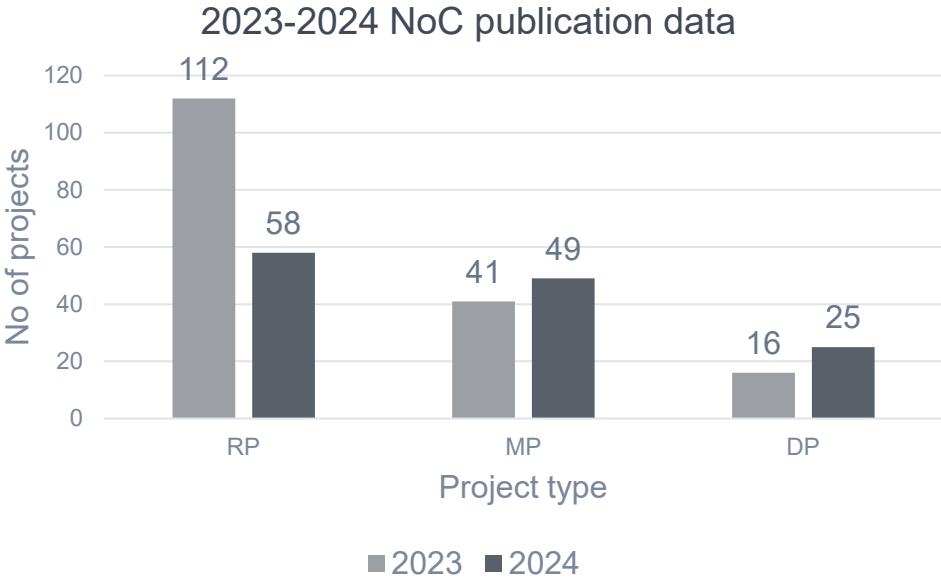
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CPC NOTICE OF CHANGES (NOC) - 2024

Year	RP	MP	DP
2024	58	49	25



RECLASSIFICATION EFFORTS AT THE USPTO AND THE EPO

- After CPC revisions, **group inventories need to be reclassified**
- This reclassification work is carried out by the **EPO, USPTO** and **other CPC offices**
- EPO's and USPTO's goal is to reclassify documents **within a year** of the corresponding CPC release
- The EPO and USPTO work to reclassify as many families as possible to **minimise the reclassification workload of other offices**

CPC HARMONISATION AND TRAINING



TRAINING MATERIAL ON THE CPC WEBSITE

CPC Scheme and Definitions

E-learning modules:

- Introduction to the CPC
- Using CPC in classification
- Practical and strategic aspects of the CPC
- CPC essentials

CPC Field-specific training material

- Recorded lectures on CPCinfo.org (European Patent Academy)

General and specific training on Combination sets

<https://www.cooperativepatentclassification.org/Training>

CPC Training

CPC Training

The EPO and the USPTO have jointly prepared CPC training material to support users i

Use the links below to access the material:

- [Introduction to the Cooperative Patent Classification \(CPC\)](#)
- [Using CPC in classification](#) (basic level)
- [Practical and strategic aspects of the CPC](#) (for experienced users)
- CPC Essentials
 - [Part A – Introduction to CPC Essentials and patent classification systems](#)
 - [Part B – CPC Scheme](#)
 - [Part C – CPC Scheme Definitions](#)

- CPC Field Specific training

Following [this link](#) you can access the EPO learning platform (registration required, free lectures where CPC experts explain the classification practice in their respective fields)

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[List of technical areas where Combination Sets are used](#)

[General training on Combination Sets](#)

[Training material on Combination Sets in the Polymers area](#)

- [Introduction](#)
- [General](#)
- [Tables for C08 and C09](#)
- [C08F](#)
- [C08G](#)
- [Acrylates/Olefin Vinyl Graft C08F](#)
- [Composition Coating Adhesives C08L, C09D, C09J](#)
- [Various examples](#)

CPC FIELD –SPECIFIC TRAINING MATERIAL ON THE CPC WEBSITE

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<https://www.cooperativepatentclassification.org/Training>

CPC field-specific training: recorded lectures

e-learning centre > Courses > Courses > CPC field-specific training

INTRODUCTION

This course consists of various recorded lectures in which expert examiners present their CPC technical fields. The presentations contain examples from most [CPC classification sections](#).

Below you can access the recorded presentations on specific technical fields from the CPC sections. The presentations cover the rules and criteria of classification for each field, neighbouring fields, overall structure and examples.

You can view each video in its entirety or simply watch those parts that interest you.

Section A

Section B

Section C

Section F

Section G

Section H

WHY USE CPC?



WHY USE THE COOPERATIVE PATENT CLASSIFICATION (CPC)?

Using CPC for searching improves **search efficiency and precision**

- 260.000 symbols in CPC vs. 75.000 in IPC → **focused search results**, reducing the number of documents to be analysed intellectually

Using CPC for searching improves **search quality**

- Classification searches allow **searching for technical concepts, not only words**
- A classification search is a **language-independent** search: it facilitates the retrieval of documents independently from the language (e.g. Asian languages)
- **Less dependent on the words / expressions used by applicants**, who sometimes use unusual terms (e.g. *"a device for opening and closing an opening"* versus *"a valve"*)

Artificial Intelligence is supporting the classification process

- AI models trained with data sets curated by EPO examiners
- Used for file routing and to suggest CPC symbols to the examiner who needs to decide



Thank you for your attention!

More info?

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cpc@uspto.gov