

13TH CPC ANNUAL MEETING WITH OFFICES CLASSIFYING IN THE CPC

23 February 2026, Geneva

F16M11/2042

•••• {constituted of several dependent joints}

F16M11/205

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

TOPICS

The CPC community

CPC data coverage

A dynamic CPC scheme

CPC harmonisation and training

CPC products

Why use CPC?

THE CPC COMMUNITY

From a bilateral system to a global
international classification standard



FROM 2 TO 39 CPC OFFICES: A GROWING CPC COMMUNITY

There are now **39** 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, **FR**, GB, GR, HU, IL, IT, KR, LU, LV, MA, MC, MX, NL, NO, PE, PL, PT, RO, RU, SE and TR

- **France joined the CPC in July 2025!**
- **Latvia** joined the CPC in February 2023
- **Luxembourg** joined the CPC in December 2022
- **Italy** joined the CPC in September 2022
- **Monaco** and **Belgium** joined the CPC in July 2022
- **Peru** joined the CPC in April 2022
- **Morocco** and **Bulgaria** joined the CPC in 2021

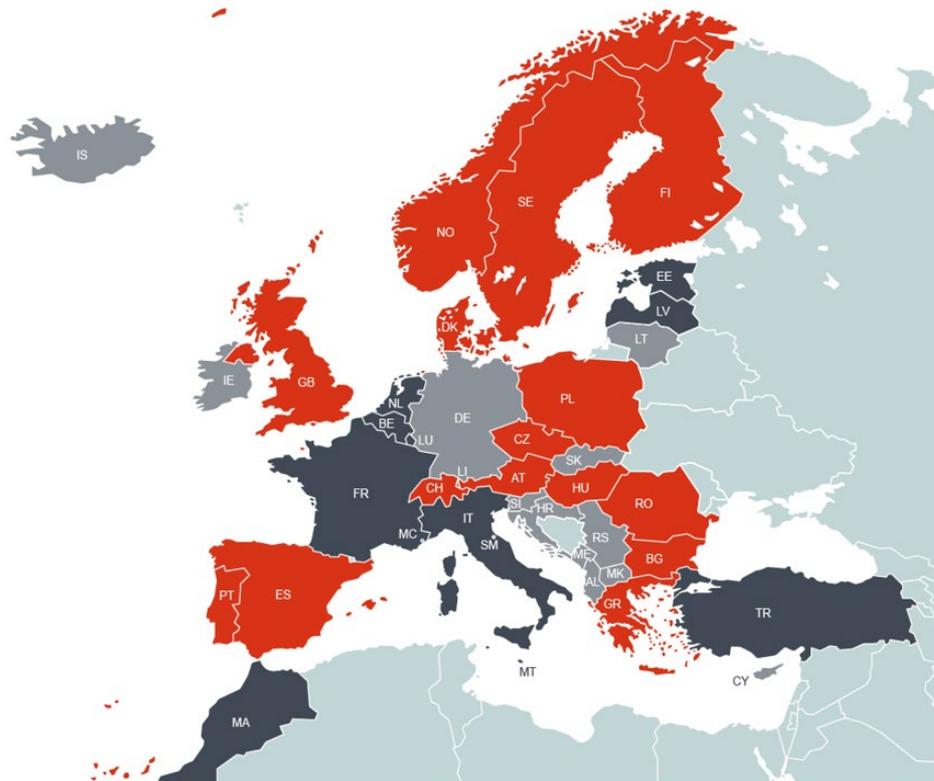
24 EPO member states and 1 validation state in the CPC

24 EPO member states (besides the EPO):

AT, BE, BG, CH, CZ, DK, EE, ES, FI, **FR**, GB,
GR,

HU, IT, LU, LV, MC, NL, NO, PL, PT, RO, SE
and TR

1 validation state: **MA** (Morocco)



Source: European Patent Office 06.2025

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

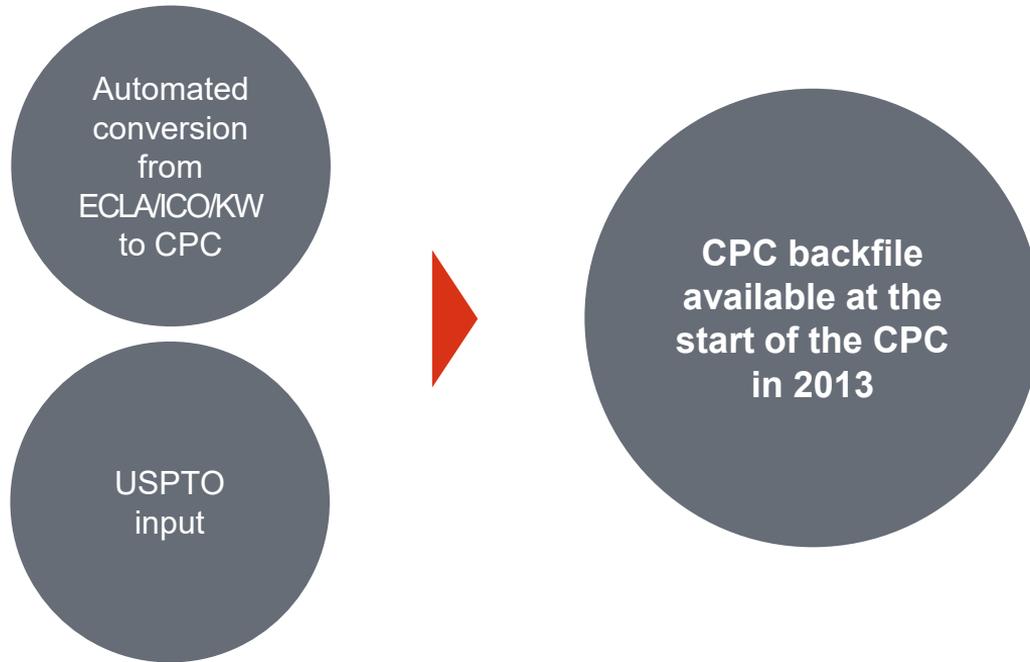
Source: European Patent Office 02.2023

CPC COVERAGE

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



CPC BACKFILE



CPC COVERAGE OF SYSTEMATICALLY CLASSIFIED COLLECTION

(1 February 2026)

Country	Country Code	Total number of applications	Total number of applications classified in CPC	% of applications classified in CPC
EPO	EP	4.677.895	4.676.081	100,0%
United States	US-A + US-B Docs	15.434.802	15.428.840	100,0%
Austria	AT	1.017.524	745.676	73,3%
Belgium	BE	597.673	565.388	94,6%
Switzerland	CH	725.794	589.708	81,3%
Germany	DE	6.133.862	5.498.578	89,6%
France	FR	2.545.426	2.527.911	99,3%
United Kingdom	GB	2.476.044	2.227.648	90,0%
Luxembourg	LU	76.701	75.619	98,6%
The Netherlands	NL	568.807	556.356	97,8%
ARIPO	AP	5.537	4.300	77,7%
Australia	AU	1.714.862	1.402.933	81,8%
Canada	CA	2.739.357	1.584.767	57,9%
OAPI	OA	13.435	13.236	98,5%
WIPO	WO	5.311.068	5.301.402	99,8%
	TOTAL	<u>44.038.787</u>	<u>41.198.443</u>	

CPC DATA SENT BY 24 CPC OFFICES (1 February 2026)

Country	Country Code	Total number of applications	Total number of applications classified in CPC	Total number of applications classified in CPC by the national office
Australia	AU	1.714.862	1.402.933	27.575
Austria	AT	1.017.524	745.676	20.760
Bulgaria	BG	54.528	16.962	909
Brazil	BR	862.381	620.466	47.607
China	CN	45.293.421	19.146.659	13.574.834
Czech Republic	CZ	103.833	54.577	10.449
Denmark	DK	469.416	335.110	4.836
EAPO	EA	62.668	56.394	9.399
Finland	FI	219.367	141.699	20.411
Greece	GR	108.282	59.333	9.211
Hungary	HU	166.774	122.281	3.223
Israel	IL	182.436	167.532	65.627
Korea	KR	5.525.162	4.869.576	4.640.077
Morocco	MA	32.473	26.255	784
Mexico	MX	416.065	384.541	1.666
Norway	NO	216.407	191.179	16.895
Poland	PL	467.947	259.025	11.496
Portugal	PT	154.799	144.353	2.321
Romania	RO	78.570	18.103	1.448
Russian Fed.	RU	1.178.130	446.018	218.855
Spain	ES	1.616.732	896.115	46.184
Sweden	SE	530.581	353.667	163.004
Switzerland	CH	725.794	589.708	10.581
United Kingdom	GB	2.476.044	2.227.648	228.804
TOTAL		63.119.248	32.973.568	19.136.956

New: Bulgaria and Morocco are now exchanging CPC data!

EPO core collection

+ CPC data from other offices

+ Family propagation

+ 36.6 Million NPL documents



115.5 million documents

115.5 million documents are now classified in the CPC (1 February 2026)

A DYNAMIC CPC SCHEME

Keeping CPC updated with
on-going technological developments

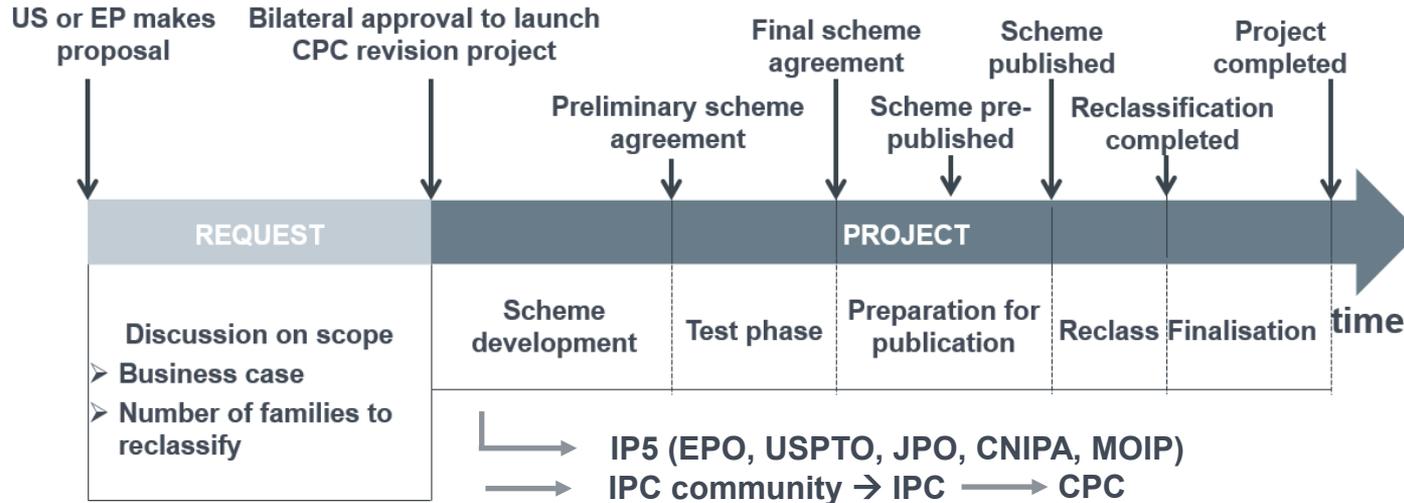


CPC KEPT BEING UPDATED: CPC REVISIONS

▪ **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 2026*:
 - **1 January 2026 CPC 2026.01**
 - 1 May 2026 CPC 2026.05
 - 1 August 2026 CPC 2026.08



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 2026

The 2026.01 version of the CPC scheme is now in force.

As announced, the 2026.01 version of the CPC scheme which was [pre-released](#) on 2 December 2025 is now in force.

The list of areas using [Combination Sets](#) has been updated.

* No February CPC release needed as **all IPC scheme changes were included** in the January 2026 CPC release

CPC REVISIONS – PRE-RELEASE AREA

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

The screenshot shows the top navigation bar of the CPC website. The 'CPC Revisions' menu item is expanded, showing three options: 'Notice of Changes', 'Ongoing CPC Projects', and 'Pre-release'. A red arrow points to the 'Pre-release' option. Below the navigation bar, a list of CPC codes and their descriptions is visible, including F16M11/2028, F16M11/2035, F16M11/2042, F16M11/205, F16M11/2057, F16M11/2064, and F16M11/2071.

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

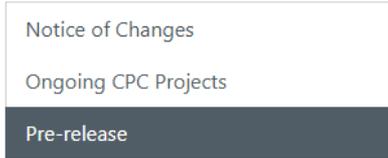
News

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.

CPC REVISIONS – PRE-RELEASE PAGE



Pre-release

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).

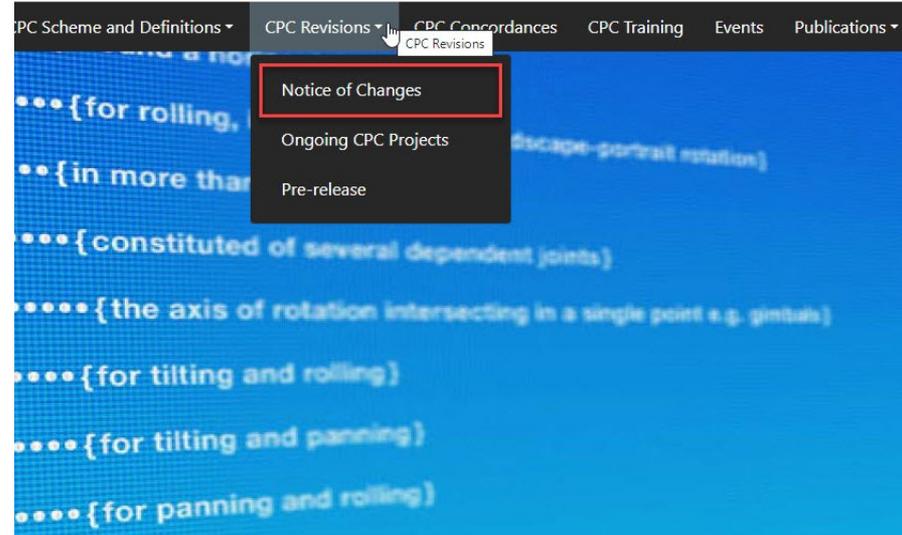
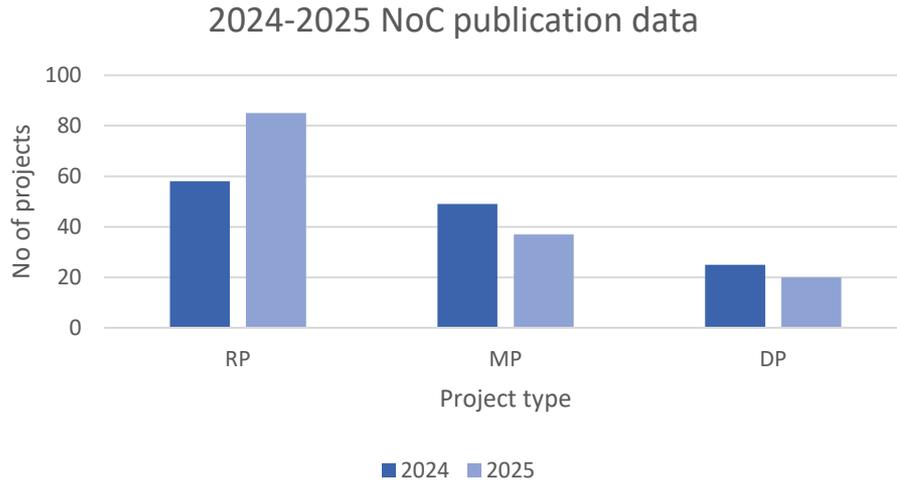
The pre-release will normally happen on the first Tuesday of a given month (for example Tuesday 6 May 2014) for entry into force on the first day of the following month (for example 1 June 2014).

2 December 2025: 2026.01 pre-released material:

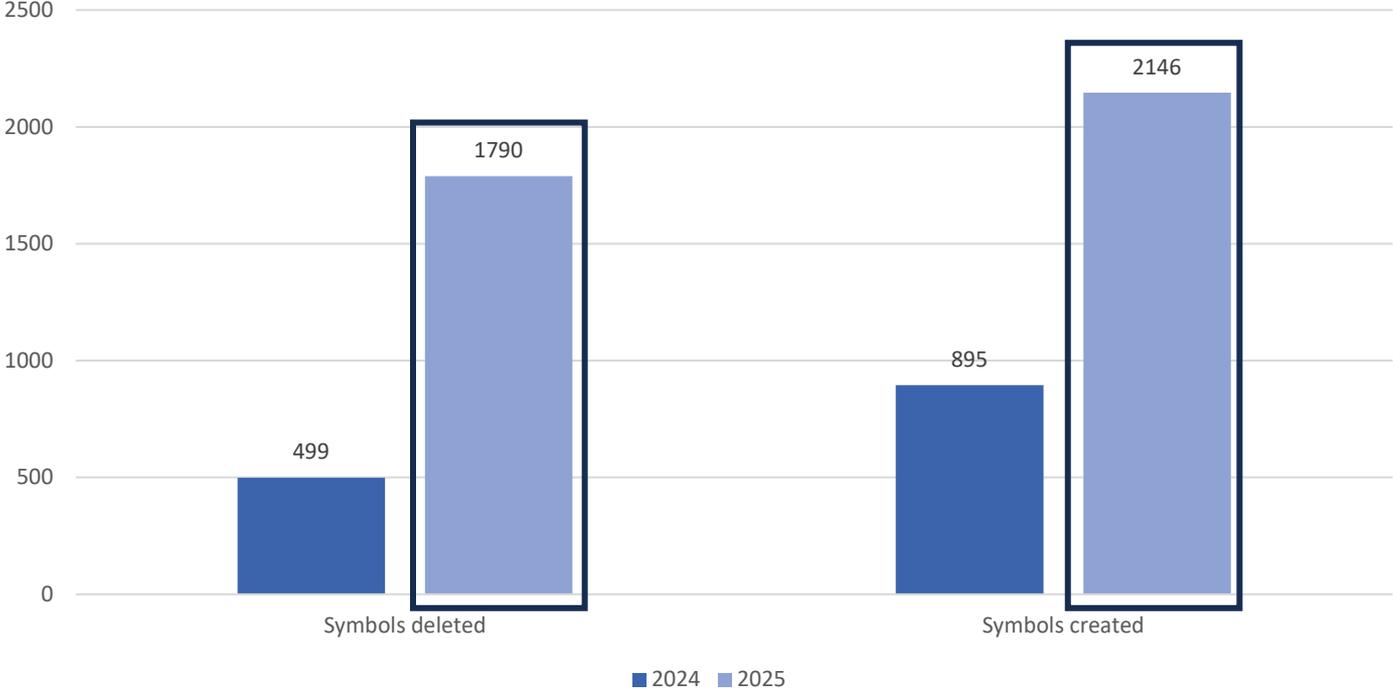
- 2026.01 CPC Scheme in [PDF](#) and in [XML](#)
- 2026.01 CPC to IPC concordance in [PDF](#), [XML](#) and [TXT](#)
- Notices of Changes related to the "2026.01 CPC Scheme":

CPC NOTICE OF CHANGES (NOC) - 2025

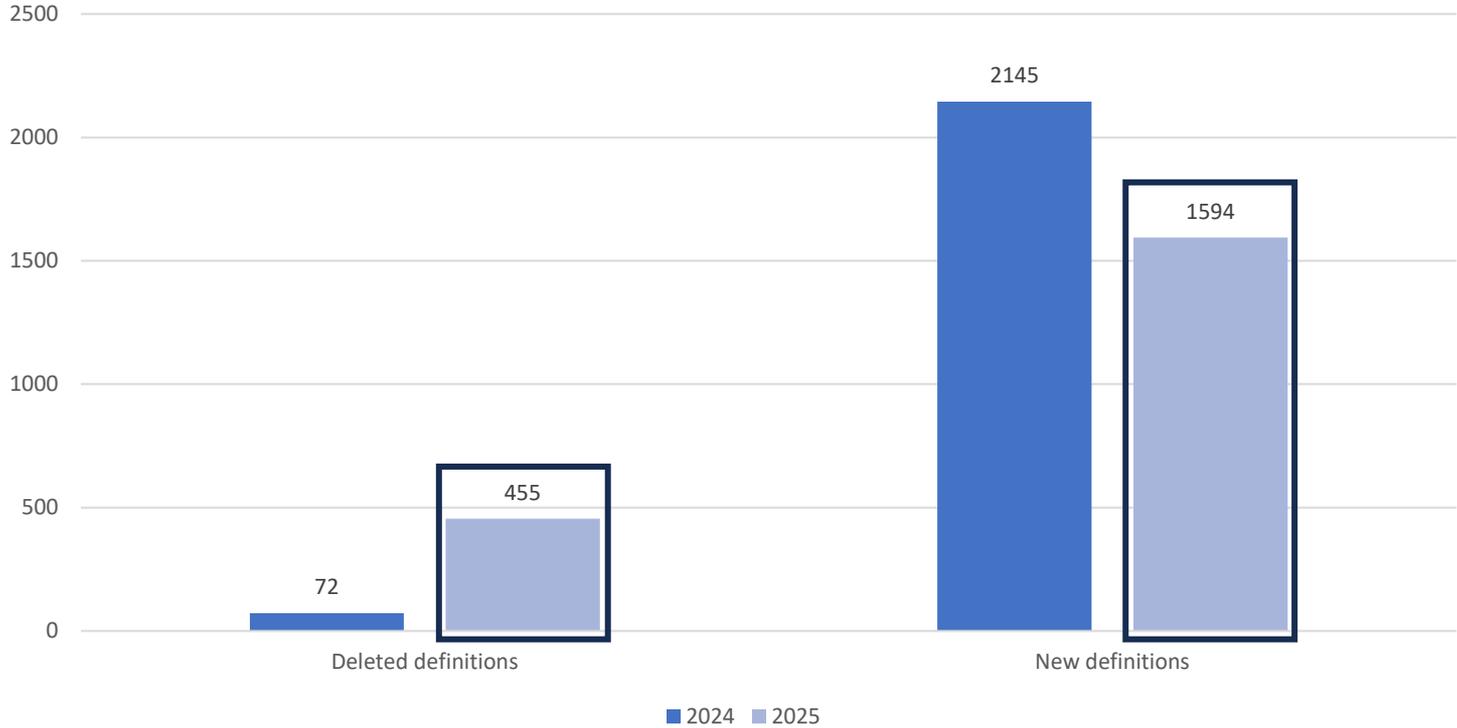
Year	RP	MP	DP
2025	85	37	20



TOTAL SCHEME CHANGES 2024-2025



TOTAL DEFINITION CHANGES 2024-2025



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 one 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 t

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training exclusively, without ensuring that it is free from any errors or omissions. No w
incidental, punitive, exemplary or consequential damage(s), losses of data, profits or re
Script are the liability of the user, even if the EPO is advised of the possibility of such d

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

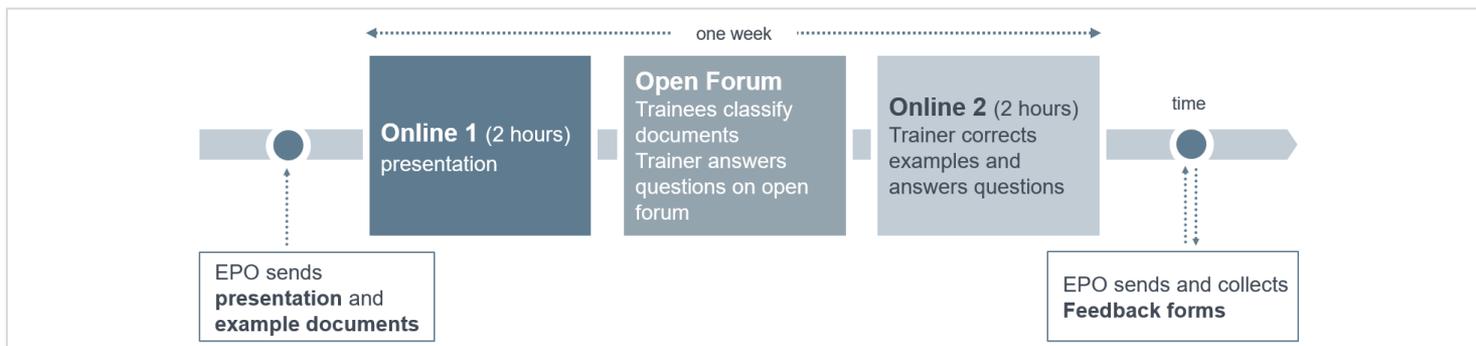
[General training on Combination Sets](#)

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

- [Introduction](#)
- [General](#)
- [Tables for C08 and C09](#)
- [C08F](#)
- [C08G](#)
- [Acrylates/Olefin Vinyllic Graft C08F](#)
- [Composition Coating Adhesives C08L, C09D, C09I](#)
- [Various examples](#)

EPO'S CPC COLLECTIVE TRAINING EVENTS FOR CPC OFFICES

Online CPC Training!



Collective Training Events in 2023 (March – June 2023)

A61K33, B25B, C01G, C08F14, F28, G01C, G01P and H01P

Collective Training Events in 2024 (June - July 2024)

C09, C12F, C12Q, E21B, G01V and H01B

Collective Training Events in 2025 (May - July 2025)

G06F 21/00, A01H – C12N 15/82, C25B, A01N 63/00, F03B 13/00, C07K 19/00

CPC FIELD –SPECIFIC TRAINING MATERIAL ON THE CPC WEBSITE

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 CPC training platform (registration required). In recorded 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-Vinylidene Graft C08F](#)
- [Composition Coating Adhesives C08L, C09D, C09J](#)
- [Various examples](#)

<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

USPTO'S CLASSIFICATION CAFÉ OVERVIEW

- One-hour webinar series presented virtually on USPTO's Stakeholders Offerings and Resources (SOaR) platform
- To establish and build upon base and/or expert level knowledge of the IPC and CPC schemes
- Expert level technical classification training on specific topics of interest
- Focuses on foundational core classification skills
 - Search
 - Retrieval



EXAMPLE CLASSIFICATION CAFÉ AGENDA

- CPC overview
- Overview of specific technology
- Relevant CPC areas
- At least two examples
 - Incorporates search strategy
- Questions



CLASSIFICATION CAFÉ SCHEDULE

- Topics presented in 2025
 - June: Combination sets (C-Sets)
 - September: Internet of Things
 - December: Patent classification systems
- Upcoming topics for 2026
 - TBD



CLASSIFICATION CAFÉ REGISTRATION

- Only name and e-mail required to register
- No cost to register



www.uspto.gov/patents/training/soar-training-events

AVAILABLE SERVICES FOR NATIONAL OFFICES

- Technical expert training tailored for individual office needs
 - General training, Field Specific Training (FST), C-sets training, Computer Based Training (CBT) e-learning modules
- Past classification café topics can be offered upon request
- Customized classification training for external stakeholders
- Contact us with requests at cpc@uspto.gov

CPC PRODUCTS

Serving the CPC user community



BULK DATA

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

The screenshot shows the website's navigation bar with 'CPC Scheme and Definitions' selected. Below it, a search bar is visible. A dropdown menu is open, showing 'Table', 'Bulk Data' (highlighted), and 'CPC open linked Data'. The main content area displays a list of CPC codes (F16M11/2028 to F16M11/2071) with their corresponding definitions. A red arrow points from the 'Bulk Data' option in the dropdown to the right-hand side of the slide.

The screenshot shows the 'News' section with the date '1 January 2025'. The text reads: 'The 2025.01 version of the CPC scheme is now in force. As announced, the 2025.01 version of the CPC scheme which was pre-released on 3 December 2024 is now in force.'

Table

Bulk Data

CPC open linked Data

Bulk Data

CPC XML schemas:

- [For the CPC Scheme](#)
- [For the CPC Definitions](#)

[List of CPC Valid symbols \(2025.01\)](#)

[CPC Validity file \(2025.01\)](#)

[CPC Title List \(2025.01\)](#)

[Revision Concordance List \(2025.01\)](#)

[CPC Compilation of Changes \(2025.01\)](#)

[Complete CPC scheme in XML format \(2025.01\)](#)

[Complete CPC scheme in PDF format \(2025.01\)](#)

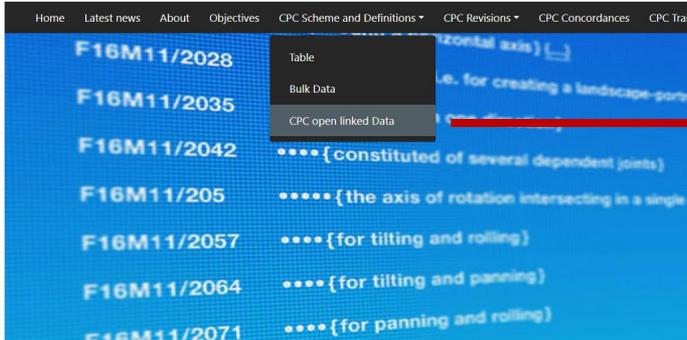
[Complete CPC Definitions in XML format \(2025.01\)](#)

[Complete CPC Definitions in PDF format \(2025.01\)](#)

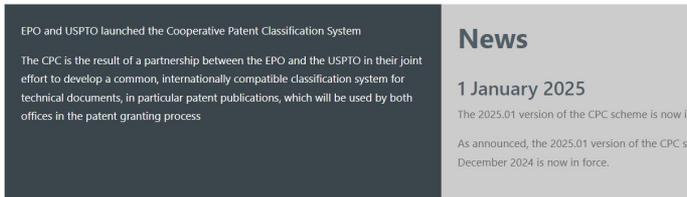
<http://www.cooperativepatentclassification.org//cpcSchemeAndDefinitions/Bulk.html>

CPC AS OPEN LINKED DATA

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



The screenshot shows the 'CPC Scheme and Definitions' page. A dropdown menu is open over the 'CPC Scheme and Definitions' link in the navigation bar, showing options: 'Table', 'Bulk Data', and 'CPC open linked Data'. A red arrow points from the 'CPC open linked Data' option to the right. The main content area displays a list of CPC codes and their definitions, such as 'F16M11/2028' and 'F16M11/2035'.



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 is now in force. December 2024 is now in force.

CPC Scheme and Definitions > CPC open linked Data



Table
Bulk Data
CPC open linked Data

CPC open linked Data

1. Access to the CPC data set

CPC
The linked data representation of the CPC taxonomy is provided as a single file in [N-TRIPLES](#) format compressed using GZIP. [cpc.nt.gz](#) (45M, [checksum](#))

2. Information about the CPC data set

CPC scheme as linked open data
The CPC scheme is part of the product Linked open EP data which can be accessed here: [Open](#)
Linked data creates a public web of interlinked data that can be queried, retrieved and viewed using standardized web technologies like HTTP, URI, RDF and SPARQL.
Linked open data uses Uniform Resource Identifiers (URIs) to identify CPC classification symbols of all levels of the CPC hierarchy, like main groups or sub groups and even guidance headings. These identifiers allow data in this CPC dataset to be linked to data in another dataset. Given its URI, data about a resource can be retrieved in a variety of formats over the web.
For occasional use a simple data browser, an application programming interface (API) and a query interface are available. For heavier use, bulk data is available for download.

With CPC linked data you can:

- retrieve up-to-date information about the CPC scheme and, e.g. incorporate it in web pages.
- download the data to create your own database.
- easily combine CPC scheme data with other patent or non-patent information.
- freely reuse the data on the basis of an open data license.

More information, e.g. user documentation and conditions can be found on [epo.org/linked-data](#).



CPC PRODUCTS (1/4)

CPC product	How to access it?
CPC scheme browser	CPC browser in Espacenet (https://worldwide.espacenet.com/patent/cpc-browser) or on USPTO's website: https://www.uspto.gov/web/patents/classification/cpc/html/cpc.html
CPC scheme and Definitions (PDF)	CPC browsers or Table on CPC website www.cpcinfo.org → CPC Scheme and Definitions → Table https://www.cooperativepatentclassification.org/cpcSchemeAndDefinitions/table
CPC scheme and Definitions (XML)	Bulk data section of CPC website www.cpcinfo.org → CPC Scheme and Definitions → Bulk data https://www.cooperativepatentclassification.org/cpcSchemeAndDefinitions/bulk
CPC in DocDB XML product	https://publication-bdds.apps.epo.org/raw-data/products

CPC PRODUCTS (2/4)

CPC product	How to access it?
List of valid symbols and CPC validity file	Bulk data section of CPC website www.cpcinfo.org → CPC Scheme and Definitions → Bulk data https://www.cooperativepatentclassification.org/cpcSchemeAndDefinitions/bulk
List of active revision projects	CPC revisions section of the CPC website www.cpcinfo.org → CPC revisions → On-going CPC projects https://www.cooperativepatentclassification.org/CPCRevisions/Projects
Notices of Changes (NoCs), NoC archive and Notices of Editorial Corrections	CPC revisions section of the CPC website cpcinfo.org → CPC revisions → Notice of Changes https://www.cooperativepatentclassification.org/CPCRevisions/NoticeOfChanges
Compilation of changes	CPC revisions section of the CPC website cpcinfo.org → CPC revisions → Notice of Changes https://www.cooperativepatentclassification.org/CPCRevisions/NoticeOfChanges

CPC PRODUCTS (3/4)

CPC product	How to access it?
CPC-to-IPC Concordance List (CICL) in txt and XML format	CPC concordances section of CPC website www.cpcinfo.org → CPC Concordances https://www.cooperativepatentclassification.org/cpcConcordances
CPC titles with hierarchy (txt)	Bulk data section of CPC website www.cpcinfo.org → CPC Scheme and Definitions → Bulk data https://www.cooperativepatentclassification.org/cpcSchemeAndDefinitions/bulk
List of areas where 2000 series are used	Publications section of CPC website www.cpcinfo.org → Publications → Miscellaneous https://www.cooperativepatentclassification.org/publications/Miscellaneous
List of areas where C-Sets are used	Publications section of CPC website www.cpcinfo.org → Publications → Miscellaneous https://www.cooperativepatentclassification.org/publications/Miscellaneous

CPC PRODUCTS (4/4)

CPC product	How to access it?
CPC as open linked data	https://www.cooperativepatentclassification.org/cpcSchemeAndDefinitions/CPCOpenLinkedData
<ul style="list-style-type: none">▪ OPS RESTFUL platform:<ul style="list-style-type: none">▪ CPC retrieval▪ CPC media retrieval▪ CPC symbol search▪ Concordance mapping service▪ Validation service▪ CPC definition retrieval	http://ops.epo.org
<ul style="list-style-type: none">▪ CPC text categoriser	https://epn.epo.org/cpc-text-categoriser

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

USPTO UPDATES



SEARCH TOOLS: SIMILARITY SEARCH INTERFACE

The screenshot displays the Similarity Search interface. At the top, there is a browser tab labeled "Similarity Search" and a search bar containing "Application #". To the right of the search bar are buttons for "Load" and "Enhanced Mode | OFF", and a "Search" button. Below the search bar, the interface is divided into three main sections:

- Left Panel:** A dropdown menu currently showing "CPC".
- Middle Panel:** A table with the following structure:

No CPCs and No text selections	
CPC	^
Application Text	^
- Right Panel:** A sidebar containing the following information:
 - Retrieved by:
 - Sorted by:
 - Results:
 - Filters: No filters applied

SEARCH TOOLS: SIMILARITY SEARCH RESULTS

Similarity Search x

17/410.904 Load

CPC Abstract Specification Claims

2 CPCs and 4 text selections

Retrieved by: Application #17/410.904
Sorted by: Similarity to Application #17/410.904
Results: 1: 48 ranked results. Filtered by Family ID...
Filters: No filters applied

Claims

Claims, Amendment 2 - 2022/05/03

1. (Currently Amended) A battery comprising:

- a) an anode case;
- b) a cathode case comprising:
 - i) a cathode inner conductive layer comprising aluminum (Al), stainless steel, chromium (Cr), gold (Au), vanadium (V), nickel (Ni), silver (Ag), copper (Cu), magnesium (Mg), zinc (Zn), an alloy thereof, or a combination of any two or more thereof, and
 - ii) a cathode deactivating layer comprising a deactivating metal comprising niobium (Nb), tantalum (Ta), an alloy thereof, or any combination thereof, wherein the cathode deactivating layer has a uniform or varying thickness of 50 m to 200 m at least at a point in a bottom portion of the cathode case; pm to 100 pm.

CPC

- (H01M50/109) Primary casings, jackets or wrappings of a single cell or a single battery characterised by their shape or physical structure of button or coin shape
- (H01M50/124) Primary casings, jackets or wrappings of a single cell or a single battery characterised by the material having a layered structure

Application Text

- (**Specification**) Billions of batteries are sold each year to power electronic devices including, for example, remote controls, flashlights, cameras, car key fobs

1 Safely Ingestible Batteries that Rapidly Dea...
US 20220069389 A1 · Laulich, Bryan et al.
· Filed: 2021-08-24

Tags ① ② ③ ④ ⑤

"H01M50/124 Primary casings, jackets or wrappings of a single cell or a single battery characterised by the material having a layered structure"
"H01M50/109 Primary casings, jackets or wrappings of a single cell or a single battery characterised by their shape or physical structure of button or coin shape"
"H01M50/1245 Primary casings, jackets or wrappings of a single cell or a single battery characterised by the material having a layered structure characterised by the external coating on the casing"

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SEARCH TOOLS: MORE LIKE THIS INTERFACE

Workspace: Untitled Case | L103: be... | US-6926902-B2 | Tag Group(s) | Doc: 27/96 | Full 1/29 (Total Images 29) | 3 Selected (FILTERED) | Preferences

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Highlight: **repellent** **bears** Highlights

Abstract

Disclosed herein are wearable devices for dispensing insect repellents, fragrances, and/or other chemicals along the outside of the clothing of a human, to avoid the need to apply such chemicals directly to clothing or to human's skin. The devices have an on/off switch that automatically controls a shutter which enables and restricts air flow, while also controlling fan operation and covering of a use-up cue. The device also is designed to prevent fan operation when an impregnated slab is not present. Also disclosed are preferred refills for use with such devices.

Description

DISCLOSURE

CA 02762931 2011-12-22

-1-

WEARABLE CHEMICAL DISPENSER

[0001] Blank

[0002] Blank

BACKGROUND OF THE INVENTION

[0003] The present invention relates to wearable devices that dispense chemicals

such as insect repellents and/or fragrances.

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Page 1 of 29

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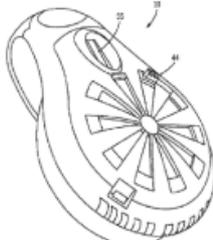
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(32) Inventeur / Inventor:
SCHUMACHER, DONALD J., US;
ALZARI, RICHARD J., US;
NICKEL, DREW K., US;
DUSTON, PAUL D., US;
HEDMAN, MICHAEL T., US;
KINGSTON, SEAN P., US;
MADHANI, ANNE V., US;
EDGRAFT, JOHNSON, KWABENA GHAYE, US

(33) Propriétaire / Owner:
S. C. JOHNSON & SON, INC., US

(34) Agent: BERKSON & PARR LLP, E. N. C. S. L. S. R. L.

(35) Titre / Title: APPAREIL D'AGENT CHIMIQUE PORTATIF
(36) Titre: WEARABLE CHEMICAL DISPENSER



(37) Résumé / Abstract:
Disclosed herein are wearable devices for dispensing insect repellents, fragrances, and/or other chemicals along the outside of the clothing of a human, to avoid the need to apply such chemicals directly to clothing or to human's skin. The devices have an on/off switch that automatically controls a shutter which enables and restricts air flow, while also controlling fan operation and covering of a use-up cue. The device also is designed to prevent fan operation when an impregnated slab is not present. Also disclosed are preferred refills for use with such devices.

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The image shows a software interface for viewing patent documents. At the top, a status bar displays 'L104: (U... | US-6926902-B2 | Tag Group(s) | Doc: 7/43 | Full 4/22 (Total Images 22) | Drawings (FILTERED) | Preferences'. Below this, there are two document viewer windows.

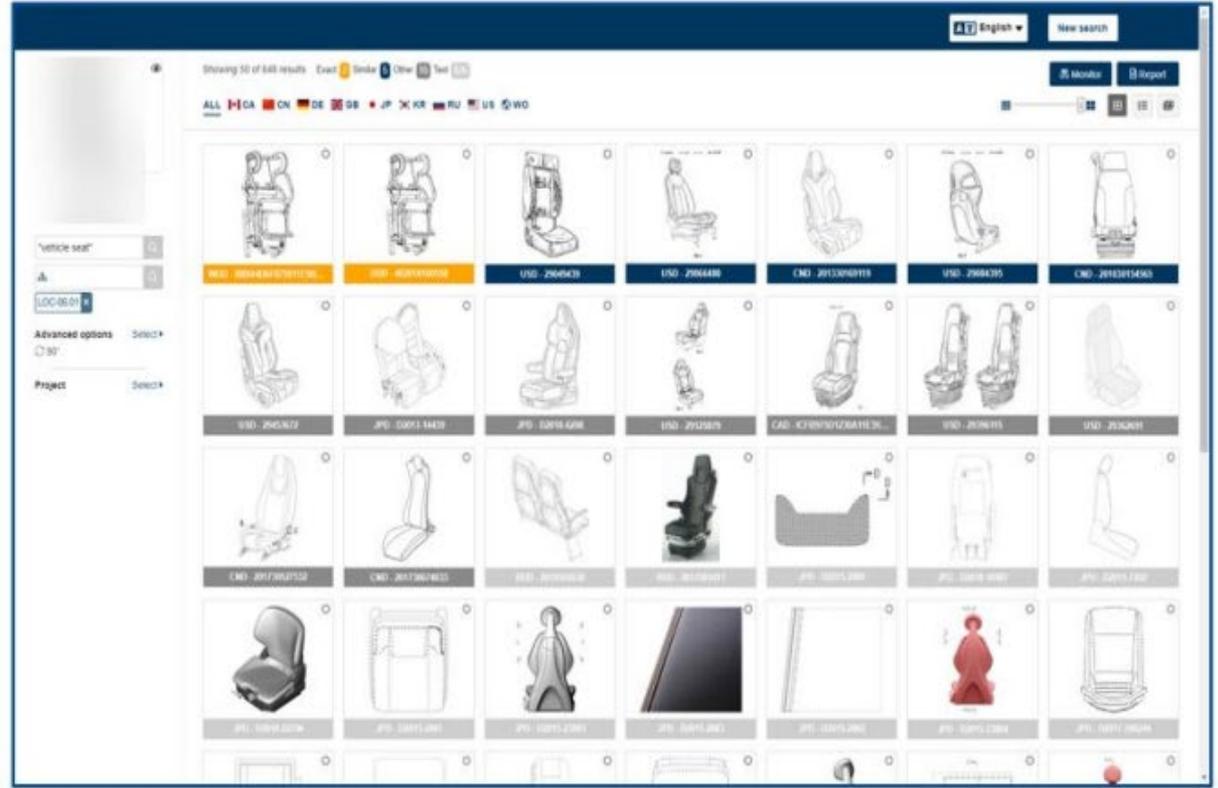
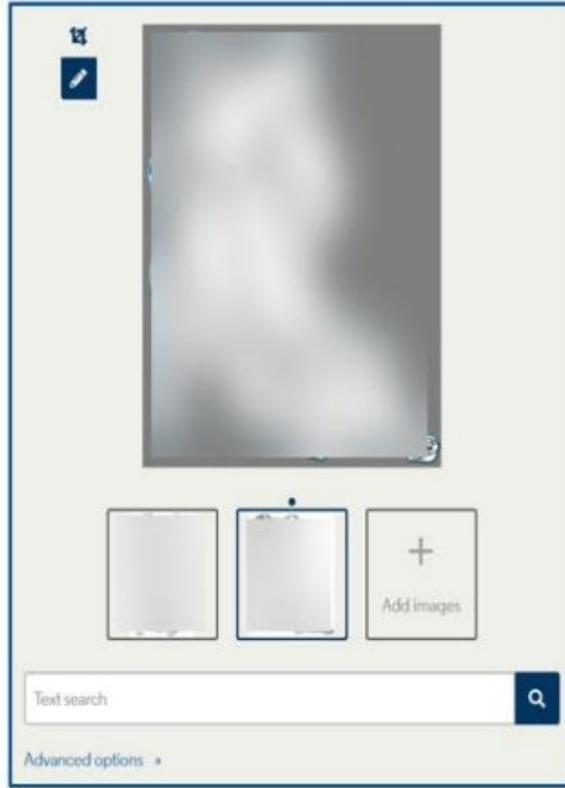
The left window, titled 'Document Viewer', shows a text snippet with a highlight 'us8926902b2'. The text describes an insecticide transpiration apparatus. Below the text, there are sections for 'Background/Summary', '(1) BACKGROUND OF THE INVENTION', '(2) 1. Field of the Invention', '(3) The present invention relates to an insecticide transpiration apparatus...', '(4) 2. Description of the Related Art', and '(5) Known examples of an insecticide transpiration apparatus...'. The text is partially cut off at the bottom.

The right window, also titled 'Document Viewer', shows a technical drawing labeled 'FIG. 3'. The drawing is a cross-sectional view of a cylindrical apparatus with various internal components. A red arrow points to a button in the toolbar above the drawing, which is labeled 'Page 4 of 22'. The drawing includes numerical labels: 1, 5, 6, 12, 13, 14, 15, and 61.

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- DesignVision is an AI-assisted examiner tool for searching designs
- Tool compares query images uploaded by the user with available databases and returns search results based on image similarity
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SEARCH TOOLS: DESIGNVISION RESULTS





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ANNEX



ACRONYMS

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- ECLA: European Classification System
- ICO: In Computer Only
- KW: Keyword