

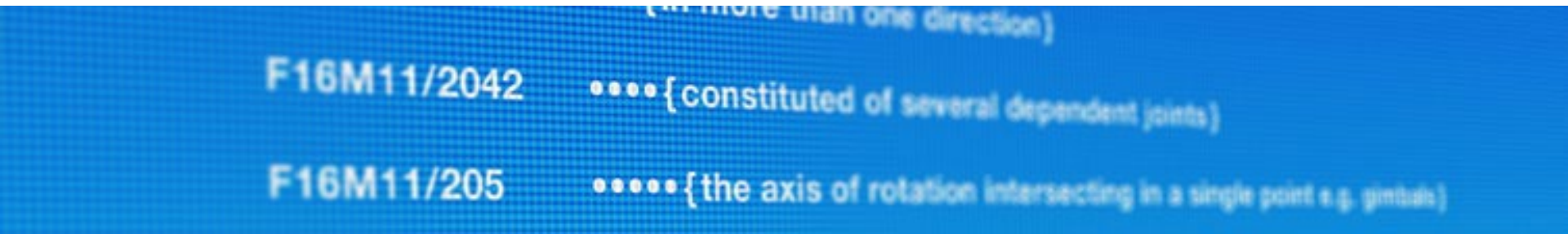
# 7<sup>th</sup> EPO-USPTO CPC annual meeting with national offices

## USPTO and EPO updates

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José Alconchel – Pierre Held

18 February 2020



# **USPTO update**



# 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
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# 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](mailto:cpctraining@epo.org)
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# Fields proposed in 2019 by some offices (Australia, UK, Spain, Israel)

fields sector ICT		Fields sector HBC		Fields sector MM					
306N	COMPUTER SYSTEMS BASED ON SPECIFIC COMPUTATIONAL MODELS	A61K39 (+C07K)	Medicinal preparations containing antigens or antibodies	B60Y220 0/00	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
306T1	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
310L15	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
306K	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
306F19	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

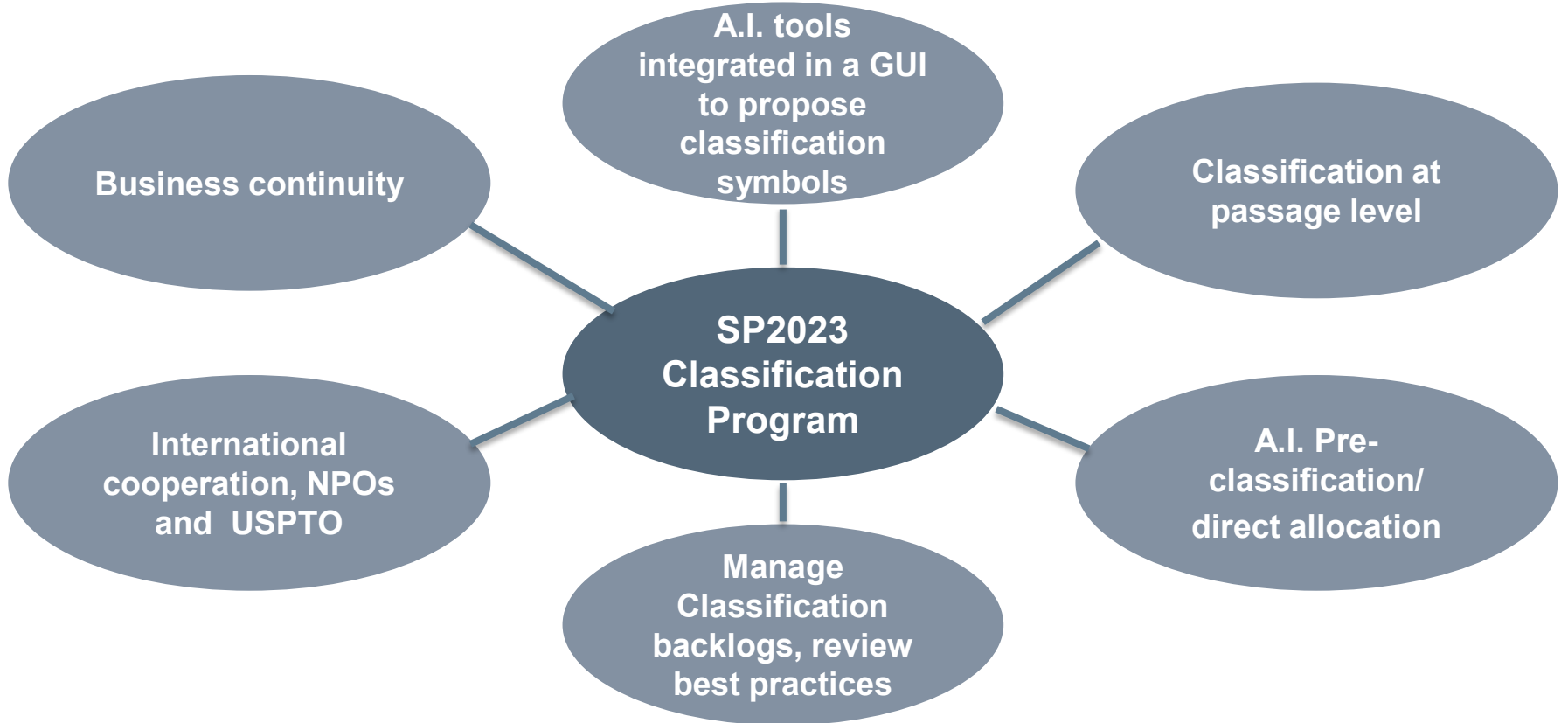
## Master the Prior Art - Classification





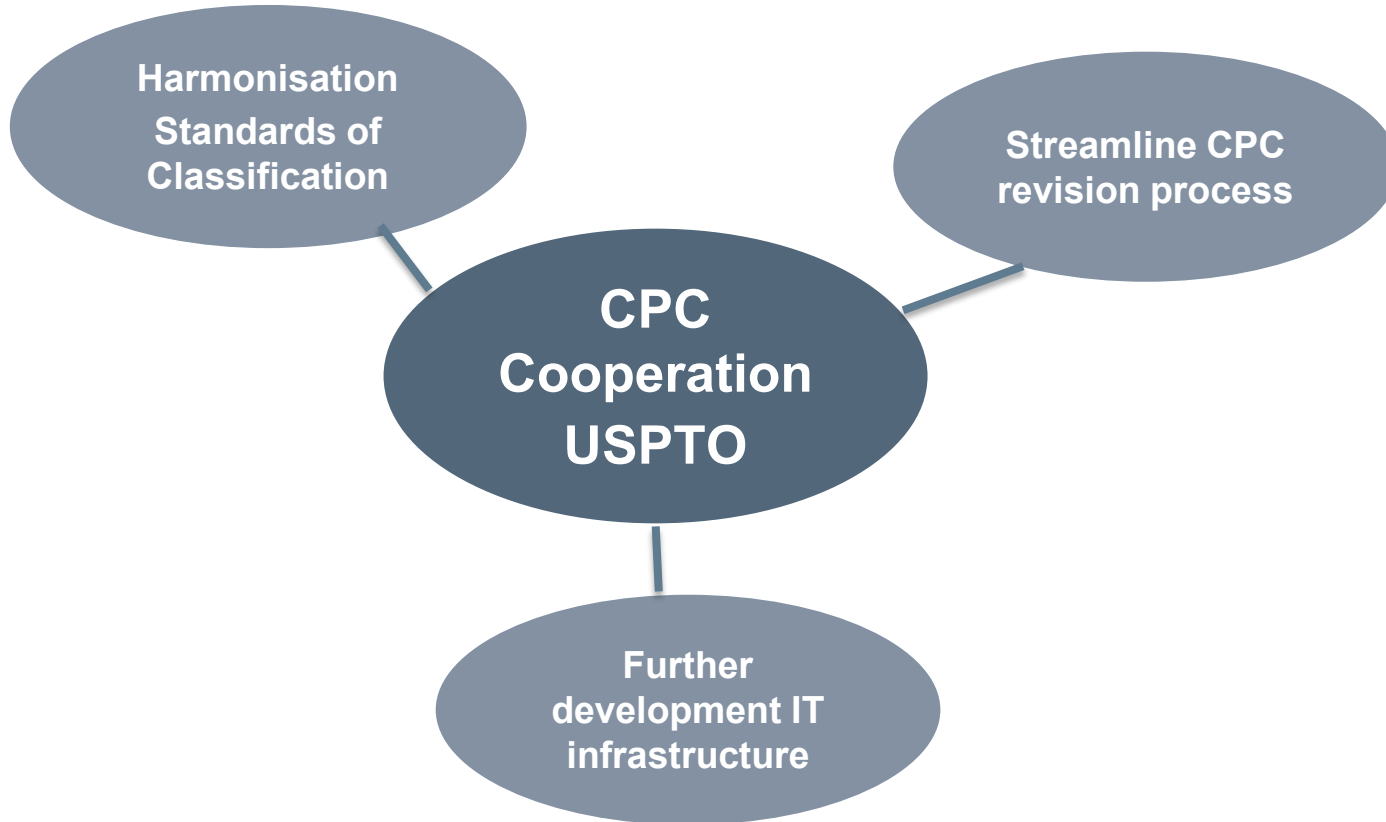


# Strategic Plan 2023: Classification



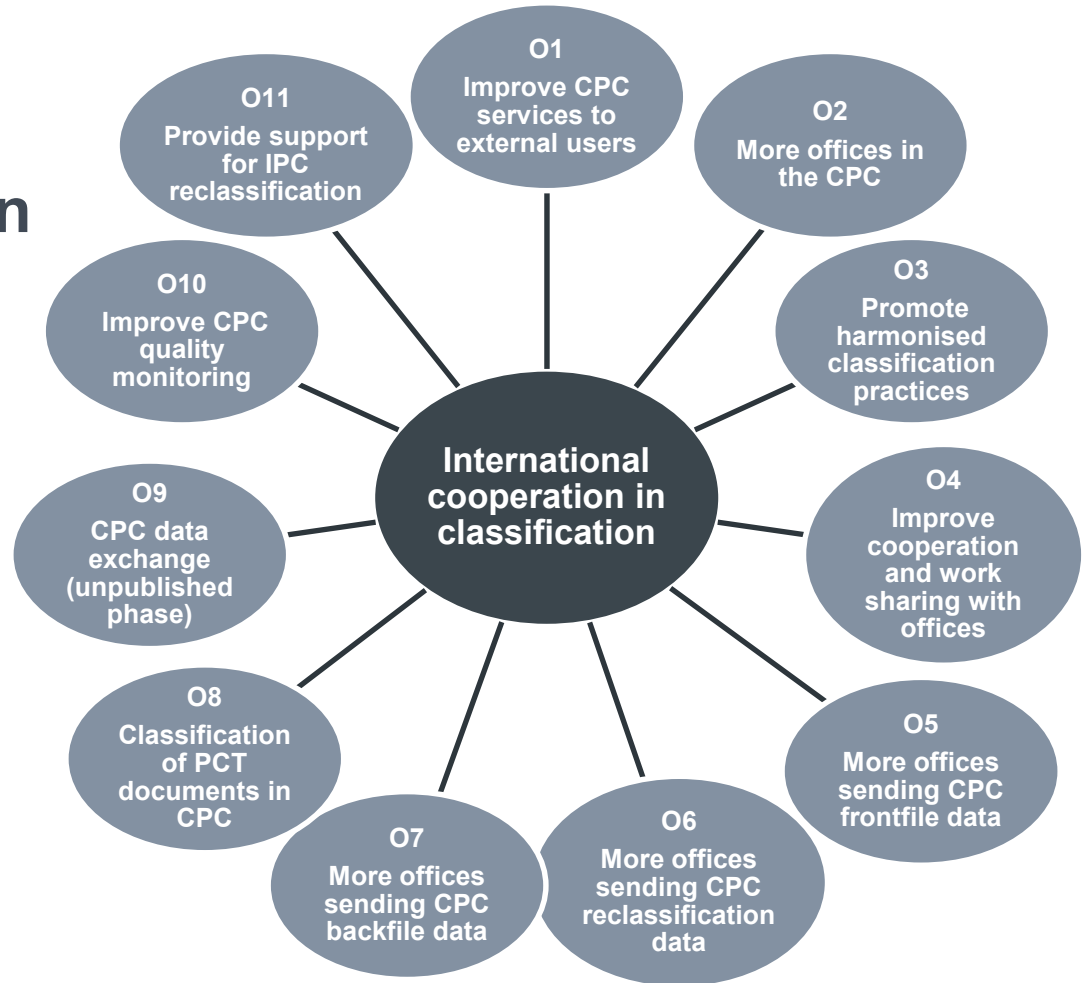


## Project CPC cooperation with the USPTO





# Project International Cooperation in Classification



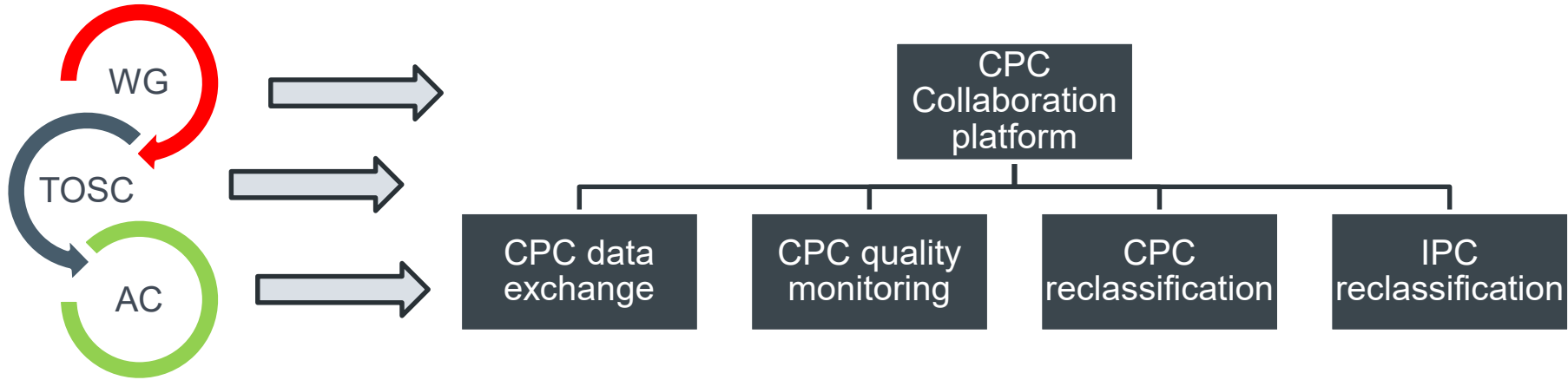
# Expected deliverables:

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

Embedded in a **CPC collaboration platform**



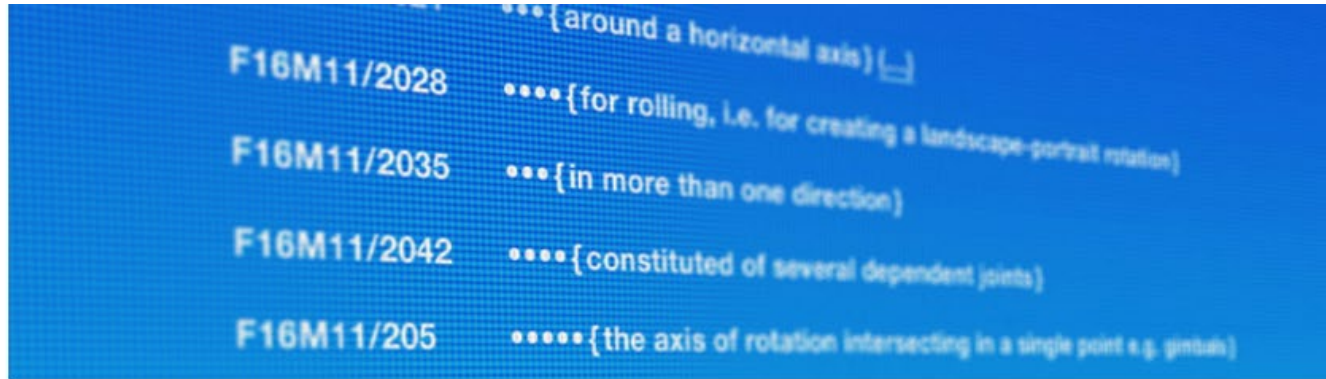
# Project Cooperative Patent Classification (IT Cooperation): focus on EPO Member States



**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?

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