



Common publication platform for the IPC, CPC and FI

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Background (I)

- IPC is published on WIPO's website including the scheme, Definitions, Catchword Index, etc. Bridge function allows users access to ECLA (Espacenet) and FI (IPDL).
- The publication platforms for ECLA and FI are different and the relationship with the IPC is not straightforward to users.

Background (II)

- CPC and FI are based on the IPC and they have more subdivisions than the IPC
- Regularly updated in all technical fields
- Together they cover almost the totality of PCT minimum documentation

Purpose of the Common publication platform

- Increase awareness of CPC and FI and their relationship with the IPC.
- Examiners will learn CPC and FI easier than the current situation.

Such better knowledge will facilitate the harmonization of the CPC and FI, as well as the development of the IPC.

Common publication platform (I)

- Provide users with the possibility to display, on demand, the IPC alone or together with CPC and/or FI.
- The display would be similar as displaying the IPC in English and French (parallel display).
- A warning will indicate that CPC and FI are displayed for information purpose only.

Common publication platform (II)

- Version indicators will be introduced to all CPC and FI groups.
- The platform will use the numbering system in force in CPC and FI.
- The difference between the CPC or FI and the IPC will be highlighted.

Common publication platform (III)

- Bridge to database (e.g. espacenet, IPDL) to display documents classified in CPC or FI.
- CPC and FI will be provided to the IB in an agreed format, preferably IPC XML compatible.
- Target for first publication 2nd half of 2013

Example 1

(G01B: Measuring arrangements characterised by the use of optical means)

current

IPC

ECLA

FI

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|------------|--|
| G01B 11/00 | Measuring arrangements characterised by the use of optical means [2] |
|------------|--|

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|---------------|--|
| G01B 11/00 | Measuring arrangements characterised by the use of optical means |
| G01B 11/00D | · for measuring two or more coordinates |
| G01B 11/00D1 | · · coordinate measuring machines |
| G01B 11/00D1B | · · · feeler heads therefor |

| | |
|--------------|--|
| G01B 11/00 | Measuring arrangements characterised by the use of optical means |
| G01B 11/00 A | Measuring positions |
| G01B 11/00 B | · Axial measuring |
| G01B 11/00 C | · Measuring positions within orthotomic |
| G01B 11/00 D | · measuring centre positions or |
| G01B 11/00 G | Using of interference or refraction |
| G01B 11/00 H | Using of image pick-up tubes or TV |
| G01B 11/00 Z | Others |

| | |
|------------|--|
| G01B 11/02 | · for measuring length, width or thickness [2] |
|------------|--|

| | |
|-------------|---|
| G01B 11/02 | · for measuring length, width or thickness |
| G01B 11/02B | · · by means of tv-camera scanning |
| G01B 11/02C | · · · by means of diode-array scanning |
| G01B 11/02D | · · · by measuring distance between |
| G01B 11/02F | · · · by measuring lateral position of a boundary of the object |

| | |
|--------------|--|
| G01B 11/02 | · for measuring length, width or thickness |
| G01B 11/02 G | Using of interference or refraction |
| G01B 11/02 H | Using of image pick-up tubes or TV |
| G01B 11/02 Z | Others |

| | |
|------------|--|
| G01B 11/03 | · · by measuring coordinates of points [3] |
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| | |
|-----------|--|
| G01B11/03 | · · by measuring coordinates of points |
|-----------|--|

| | |
|------------|--|
| G01B 11/03 | · · by measuring coordinates of points |
|------------|--|

Example 1 (II)

future

IPC

CPC

FI

| | | | | | | | |
|------------|--|--------------|--|-----------|--------------|--|-----------|
| G01B 11/00 | Measuring arrangements characterised by the use of optical means [2] | G01B 11/00 | Measuring arrangements characterised by the use of optical means | [2013.01] | G01B 11/00 | Measuring arrangements characterised by the use of optical means | |
| | | G01B 11/0009 | · for measuring two or more coordinates | [2013.01] | G01B 11/00 A | · Measuring positions | [2010.07] |
| | | G01B 11/0018 | · · coordinate measuring machines | [2013.01] | G01B 11/00 B | · · Axial measuring | [2010.07] |
| | | G01B 11/0027 | · · · feeler heads therefor | [2013.01] | G01B 11/00 C | · · Measuring positions within | [2010.07] |
| | | | | | G01B 11/00 D | · · measuring centre positions or | [2010.07] |
| | | | | | G01B 11/00 G | · Using of interference or refraction | [2010.07] |
| | | | | | G01B 11/00 H | · Using of image pick-up tubes or TV | [2010.07] |
| | | | | | G01B 11/00 Z | · Others | [2010.07] |
| G01B 11/02 | · for measuring length, width or thickness [2] | G01B 11/02 | · for measuring length, width or thickness | | G01B 11/02 | · for measuring length, width or thickness | |
| | | G01B 11/021 | · · by means of tv-camera scanning | [2013.01] | G01B 11/02 G | · · Using of interference or refraction | [2010.07] |
| | | G01B 11/022 | · · by means of diode-array scanning | [2013.01] | G01B 11/02 H | · · Using of image pick-up tubes or TV | [2010.07] |
| | | G01B 11/023 | · · by measuring distance between | [2013.01] | G01B 11/02 Z | · · Others | [2010.07] |
| | | G01B 11/024 | · · by measuring lateral position of a | [2013.01] | | | |
| G01B 11/03 | · · by measuring coordinates of points [3] | G01B11/03 | · · by measuring coordinates of points | | G01B 11/03 | · · by measuring coordinates of points | |

The numbering system in force in CPC and FI

Version indicators

Example 2

(G01S: RADIO DIRECTION-FINDING; RADIO NAVIGATION ---)

current

IPC

ECLA

FI

| | |
|-----------|--|
| G01S 5/00 | Position-fixing by co-ordinating two or more direction or position-line determinations; Position-fixing by co-ordinating two or more distance determinations [2] |
| G01S 5/02 | · using radio waves (G01S 19/00 takes precedence) [2010.01] |
| G01S 5/10 | ·· Position of receiver fixed by co-ordinating a plurality of position lines defined by path-difference measurements (G01S 5/12 takes precedence) [3] |
| G01S 5/14 | ·· Determining absolute distances from a plurality of spaced points of known location [3] |

| | |
|-------------|--|
| G01S 5/00 | Position-fixing by co-ordinating two or more direction or position line determinations; Position-fixing by co-ordinating two or more distance determinations [N: (using active systems G01S13/00 , G01S15/00 , G01S17/00)] |
| G01S 5/02 | · using radio waves (G01S19/00 takes precedence) |
| G01S 5/10 | ·· Position of receiver fixed by co-ordinating a plurality of position lines defined by path-difference measurements [N: ,e.g. omega or decca systems] (G01S5/12 takes precedence [N: beacons and receivers cooperating therewith G01S1/30D, G01S1/30M]) |
| G01S 5/14 | ·· Determining absolute distances from a plurality of spaced points of known location |
| G01S 5/14B | ··· Using a supplementary range measurement, e.g. based on pseudo-range measurements, GPS, NAVSTAR |
| G01S 5/14B2 | ···· Static and dynamic kinematic positioning, e.g. using long or short baseline interferometry, resolving whole cycle ambiguities |
| G01S 5/14B3 | ···· Combinations of GPS with other systems, e.g. in vehicle navigation or position reporting systems, aircraft landing aids |
| G01S 5/14B4 | ···· Differential GPS/NAVSTAR |

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| G01S 5/00 | Position-fixing by co-ordinating two or more direction or position-line determinations; Position-fixing by co-ordinating two or more distance determinations [2] |
| G01S 5/02 | · using radio waves (G01S 19/00 takes precedence) [2010.01] |
| G01S 5/10 | ·· Position of receiver fixed by co-ordinating a plurality of position lines defined by path-difference measurements (G01S 5/12 takes precedence) [3] |
| G01S 5/14 | ·· Determining absolute distances from a plurality of spaced points of known location [3] |

Example 2 (II)

future

IPC

CPC

FI

| | | | | | | | | |
|-----------|--|-----------|-------------|--|-----------|-----------|--|--|
| G01S 5/00 | Position-fixing by co-ordinating two or more direction or position-line determinations; Position-fixing by co-ordinating two or more distance determinations | [2] | G01S 5/00 | Position-fixing by co-ordinating two or more direction or position line determinations; Position-fixing by co-ordinating two or more distance determinations [N: (using active systems G01S13/00, G01S15/00, G01S17/00)] | | G01S 5/00 | Position-fixing by co-ordinating two or more direction or position-line determinations; Position-fixing by co-ordinating two or more distance determinations | |
| G01S 5/02 | · using radio waves (G01S 19/00 takes precedence) | [2010.01] | G01S 5/02 | · using radio waves (G01S19/00 takes precedence) | | G01S 5/02 | · using radio waves (G01S 19/00 takes precedence) | |
| G01S 5/10 | ·· Position of receiver fixed by co-ordinating a plurality of position lines defined by path-difference measurements (G01S 5/12 takes precedence) | [3] | G01S 5/10 | ·· Position of receiver fixed by co-ordinating a plurality of position lines defined by path-difference measurements [N: ,e.g. omega or decca systems] (G01S5/12 takes precedence [N: beacons and receivers cooperating therewith G01S1/30D, G01S1/30M]) | | G01S 5/10 | ·· Position of receiver fixed by co-ordinating a plurality of position lines defined by path-difference measurements (G01S 5/12 takes precedence) | |
| G01S 5/14 | ·· Determining absolute distances from a plurality of spaced points of known location | [3] | G01S 5/14 | ·· Determining absolute distances from a plurality of spaced points of known location | | G01S 5/14 | ·· Determining absolute distances from a plurality of spaced points of known location | |
| | | | G01S 5/1425 | ··· Using a supplementary range measurement, e.g. based on pseudo-range measurements, GPS, NAVSTAR | [2013.01] | | | |
| | | | G01S 5/145 | ··· Static and dynamic kinematic positioning, e.g. using long or short baseline interferometry, resolving whole cycle ambiguities | [2013.01] | | | |
| | | | G01S 5/15 | ··· Combinations of GPS with other systems, e.g. in vehicle navigation or position reporting systems, aircraft landing aids | [2013.01] | | | |
| | | | G01S 5/1455 | ··· Differential GPS/NAVSTAR | [2013.01] | | | |

The difference between CPC or FI and IPC will be highlighted

Future revision

- Revision of CPC or FI independently by the offices owners of the CPC or FI respectively (i.e. EPO/USPTO for CPC, JPO for FI).
- New versions of CPC and FI will be preferably included into the platform respectively in line with their revision cycle.

Thank you