



36th session of the IPC Revision Working Group

Updates on IT support to the IPC

Geneva
November 3, 2016

Patrick Fiévet
Head of IT Systems Section

Agenda

- Migration to WIPO new authentication and Identity management system
- IPC Publication platform IPCPUB7

Migration to WIPO new authentication and Identity management system

- **Migration started in 2015 without project management structure**
- July 2015: IPC users invited to register named logins
- **Summer 2015: IPCRECLASS and IEF migration put on hold until Q1 2016**
- January 2016: IPCRMS and ICS data capture migrated
- **June 2016: WIPO decision to change technical solution**
- August 2016: Decision to handle this with appropriate project management (ITSOAM project)
- October 31st: uncontrolled change affecting production use of IPCRMS during IPCWG 36

- **First meeting of the ITSOAM Project Board: November 4th, 2016**

Migration to WIPO new authentication and Identity management system

■ IPC part of the migration plan:

- ICS Data Capture ~ October 27th
- IPCRECLASS ~ October 31th
- IPCRMS ~ November 14th !
- IPC E-Forum ~ November 28th

■ Expected project closure: January 2017

Migration to WIPO new authentication and Identity management system

■ Is a pre-requisite for further bug fixes or functional evolution:

- E.g. IPCRECLASS: increase of maximum number of IPC versions + upload of 2017.01 working Lists
- A single IPC E-forum system integrating of IPC and IP5 revision projects with associated segregation of access rights

IPC PUB 7 since IPC WG35

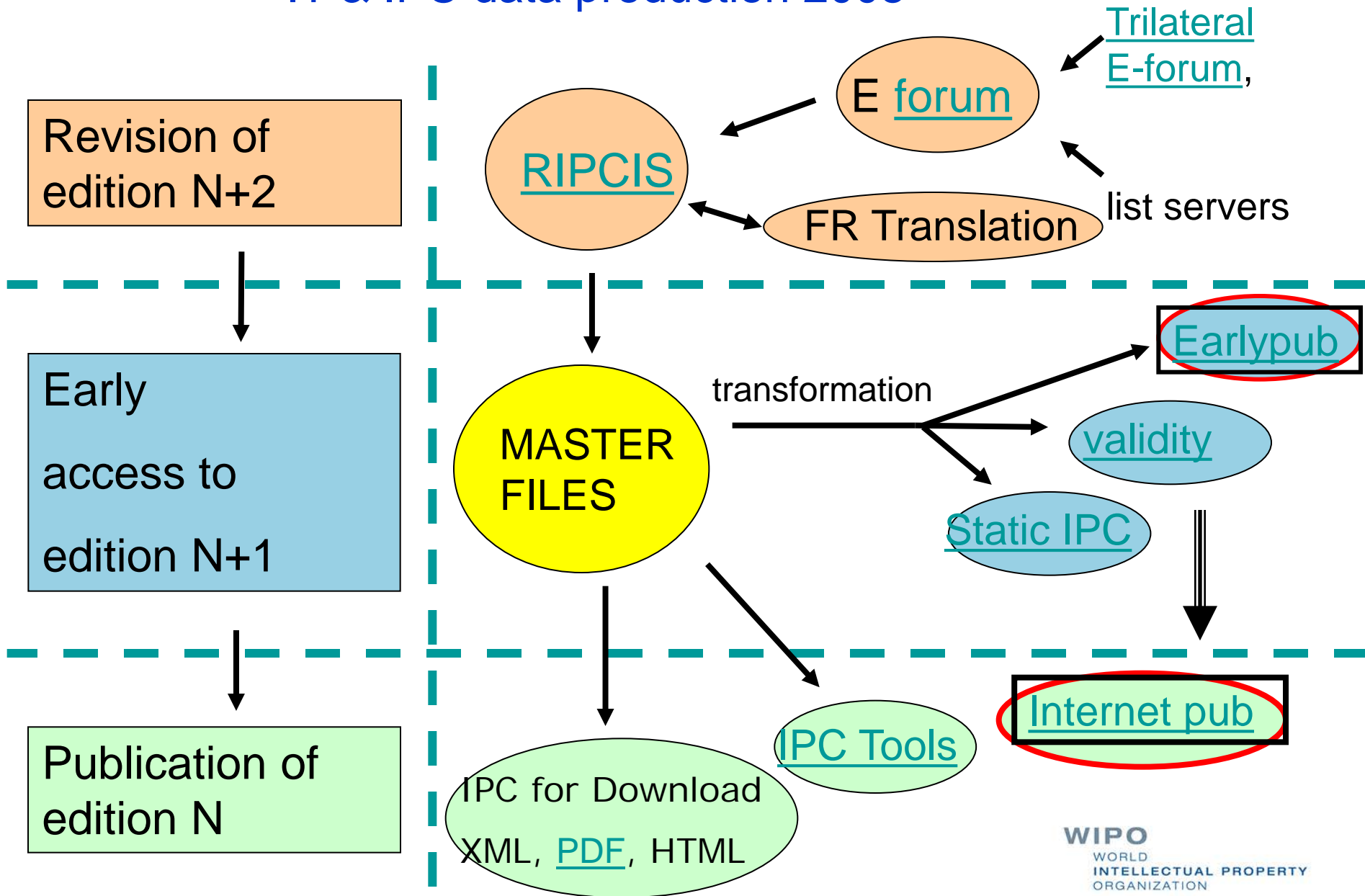
- **Strict compliance with IPC Master files specification approved during IPC CE47**
- **IPC 2017.01 is published in IPC PUB7 only**
- **Issues found:**
 - Legacy data e.g. EN/FR Scheme alignment
 - Data issues in 2016.01 Definitions (never produced by IPCRMS before) and in 2017.01 Definitions
 - IPC PUB6 no longer maintained will be phased out

IPC PUB 7 since IPC WG35

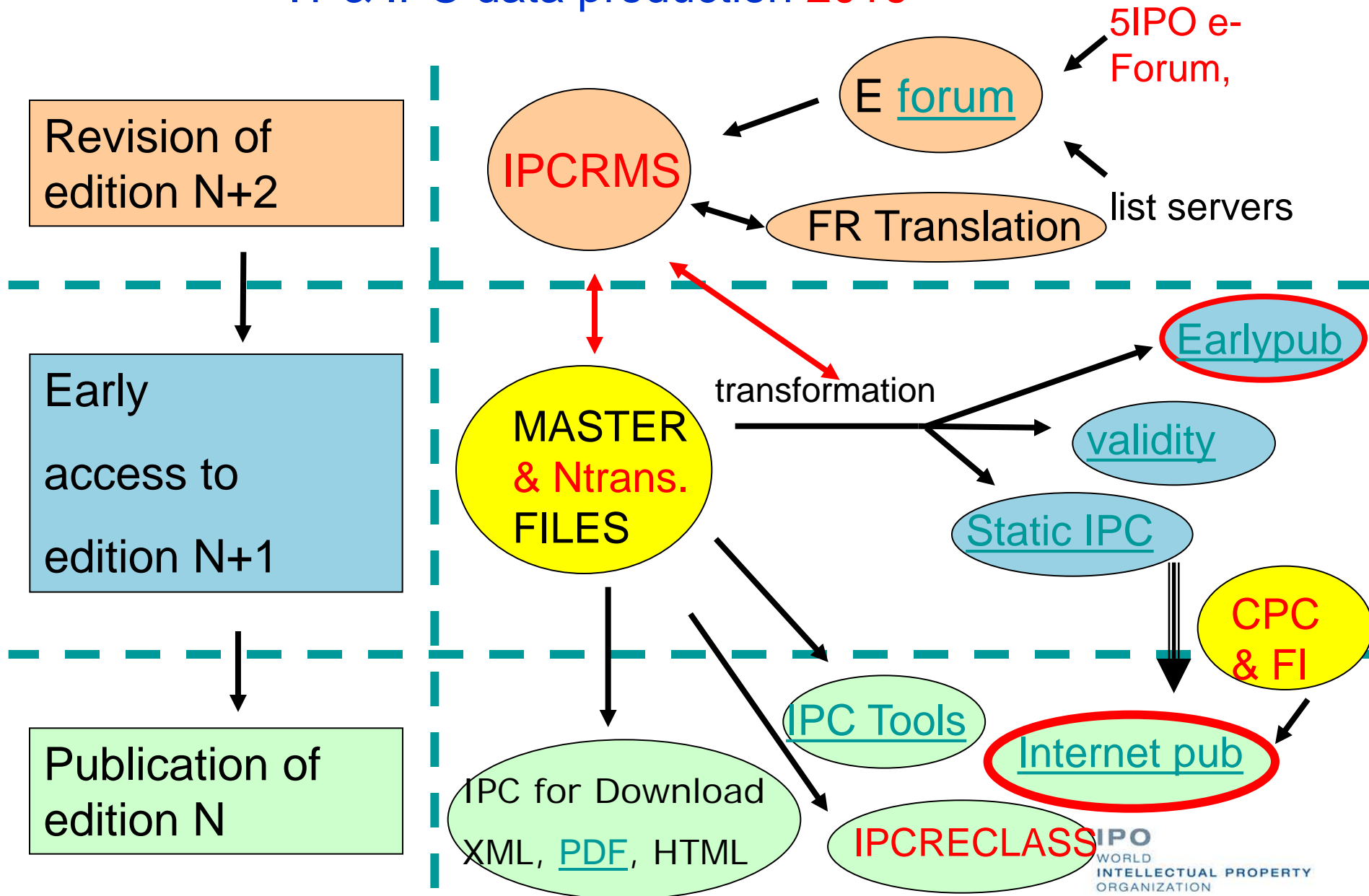
■ Risks confirmed by IPC PUB 7:

- What is approved on the basis of an IPCRMS output is not necessarily exactly what is published in IPC PUB
- Need of a rigorous quality control before IPC Master Files creation by IPCRMS can be authorized
- Need of a rigorous quality control before IPC National Translation Files creation by IPCRMS can be authorized.

IT & IPC data production 2008



IT & IPC data production 2016



IPC PUB in 2005

International Classifications at WIPO - Microsoft Internet Explorer provided by WIPO

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Encoding Size

Address Go Links

WIPO [About Intellectual Property](#) Search Contact Home عربي Español Français

User: **IBADM01** [IB] Clone window
IPCView/Search
Symbol:
Version:
View:
 English French
 Core only
View mode:
Compare:

Notes
 Standard seq.
 Show amendments
 Subclass indexes
 Guidance headings
 Illustrating formulae
 Pagere

A01K 97/02 • Devices for laying ground-bait, e.g. chum dispensers
A01K 97/04 • Containers for bait; Preparation of bait (feeding-stuffs for particular animals **A23K 1/18**) [2]
A01K 97/05 • • Containers for live bait kept in water, e.g. for minnows, shrimps [5]
A01K 97/06 • Containers or holders for hooks, lines, sinkers, flies or the like [5]
A01K 97/08 • Containers for rods
A01K 97/10 • Supports for rods
A01K 97/11 • • with automatic hooking devices [5]
A01K 97/12 • Signalling devices, e.g. tip-up devices (**A01K 91/06** takes precedence) [2]
A01K 97/14 • Gaffs
A01K 97/16 • Devices for drying fishing lines
A01K 97/18 • for removing fish-hooks from the fish [5]
A01K 97/20 • Keepnets or other containers for keeping captured fish (**A01K 97/05** takes precedence) [5]
A01K 97/22 • Platforms or seat-boxes specially adapted for angling, e.g. tackle boxes for use as seats [5]
A01K 97/24 • Arrangements for disengaging fish-hooks from obstacles [5]
A01K 97/26 • Flying devices [5]
A01K 97/28 • • Vices specially adapted therefor [5]

A01L SHOEING OF ANIMALS

A01L 1/00 Shoes for horses or other solipeds fastened with nails (**A01L 3/00** takes precedence)
A01L 1/02 • Solid horseshoes consisting of one part
A01L 1/04 • Solid horseshoes consisting of multiple parts

A01L 3/00 Horseshoes fastened by means other than nails, with or without additional fastening by nailing
A01L 3/02 • Horseshoes consisting of one part
A01L 3/04 • Horseshoes consisting of two or more parts connected by hinged joints
A01L 3/06 • Shoe-like appliances enabling draught animals to walk on bogs or the like

A01L 5/00 Horseshoes made of elastic materials

Done

Slide 6 of 14 New_WIPO_IPC_products_20050127.ppt

Start WIPO Eng... Exploring - ... Novell Gro... Mail From: ... Microsoft ... Internati... Jasc Paint... 9:57 AM

IPC PUB in 2010

The screenshot shows a Microsoft Internet Explorer browser window displaying the WIPO IPC: A01N classification scheme. The browser's address bar shows the URL: <http://www.wipo.int/ipcpub/#refresh=page¬ation=ipc&edition=20100101&symbol=A01N>. The page title is "WIPO IPC: A01N".

The page content is organized into a table with columns: Scheme, RCL, Compilation, Catchwords, and Corrigendum. The table lists various IPC classes under the A01N symbol, each with a brief description and a count in brackets. The classes are grouped into several main categories, each highlighted in a light orange background:

- A01N 25/32**: Ingredients for reducing the noxious effect of the active substances to organisms other than pests, e.g. toxicity reducing compositions, self-destructing compositions [3]
- A01N 25/34**: Shaped forms, e.g. sheets, not provided for in any other group of this main group [3]
- A01N 27/00**: Biocides, pest repellants or attractants, or plant growth regulators containing hydrocarbons [3]
- A01N 29/00**: Biocides, pest repellants or attractants, or plant growth regulators containing halogenated hydrocarbons [3]
- A01N 29/02**: Acyclic compounds or compounds containing halogen attached to an aliphatic side chain of a cycloaliphatic ring system [3]
- A01N 29/04**: Halogen directly attached to a carbocyclic ring system [3]
- A01N 29/06**: Hexachlorocyclohexane [3]
- A01N 29/08**: Halogen directly attached to a polycyclic ring system [3]
- A01N 29/10**: Halogen attached to an aliphatic side chain of an aromatic ring system [3]
- A01N 29/12**: 1,1-Di- or 1,1,1-tri-halo-2-aryl-ethane or -ethene or derivatives thereof, e.g. DDT [3]
- A01N 31/00**: Biocides, pest repellants or attractants, or plant growth regulators containing organic oxygen or sulfur compounds [3]
- A01N 31/02**: Acyclic compounds [3]
- A01N 31/04**: Oxygen or sulfur attached to an aliphatic side chain of a carbocyclic ring system [3]
- A01N 31/06**: Oxygen or sulfur directly attached to a cycloaliphatic ring system [3]
- A01N 31/08**: Oxygen or sulfur directly attached to an aromatic ring system [3]
- A01N 31/10**: Pentachlorophenol [3]
- A01N 31/12**: Bis-chlorophenols [3]
- A01N 31/14**: Ethers [3]
- A01N 31/16**: with two or more oxygen or sulfur atoms directly attached to the same aromatic ring system [3]
- A01N 33/00**: Biocides, pest repellants or attractants, or plant growth regulators containing organic nitrogen compounds [3]
- A01N 33/02**: Amines; Quaternary ammonium compounds [3]
- A01N 33/04**: Nitrogen directly attached to aliphatic or cycloaliphatic carbon atoms [3]
- A01N 33/06**: Nitrogen directly attached to an aromatic ring system [3]
- A01N 33/08**: containing oxygen or sulfur [3]
- A01N 33/10**: having at least one oxygen or sulfur atom directly attached to an aromatic ring system [3]
- A01N 33/12**: Quaternary ammonium compounds [3]
- A01N 33/14**: containing nitrogen-to-halogen bonds [3]
- A01N 33/16**: containing nitrogen-to-oxygen bonds [3]
- A01N 33/18**: Nitro compounds [3]
- A01N 33/20**: containing oxygen or sulfur attached to the carbon skeleton containing the nitro group [3]
- A01N 33/22**: having at least one oxygen or sulfur atom and at least one nitro group directly attached to the same aromatic ring system [3]
- A01N 33/24**: only one oxygen atom attached to the nitrogen atom [3]
- A01N 33/26**: containing nitrogen-to-nitrogen bonds, e.g. azides, diazo-amino compounds, diazonium compounds, hydrazine derivatives [3]
- A01N 35/00**: Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds containing a carbon atom having two bonds to hetero

The left sidebar contains navigation and search options:

- Version: 2010.01
- Current symbol: A01N
- Language: EN (selected), FR, EN/FR
- View mode: path, full (selected), hierarchic
- Standard sequence:
- Deleted entries:
- Subclass index:
- Guidance Headings:
- Notes:
- Search: Terms, Fuzzy (Tassy)
- Categorization: IPCCAT
- Display range: 1 x 100 symbols
- Dev Stage: C
- Last modified: 2010.01.15

IPCPUB 6



WORLD INTELLECTUAL PROPERTY ORGANIZATION

IPC Home Page - Help

Version

2016.01

Current symbol

A01N

Go to

Language

English

French

English/French

View mode

path

full

hierarchic

Show CPC/Fl

Subclass indexes

Guidance Headings

Notes

Search

Terms

Cross-references

Assistance

STATS

Text categorization
(IPCCAT)

Number of displayed entries

500

Last modified: 17.06.2016
IPCPUB v6.3

CPC version: 05.2016
Fl version: 16.11.2015

Scheme	RCL	Compilation	Catchwords	Guide to the IPC
D Prof	A01N	PRESERVATION OF BODIES OF HUMANS OR ANIMALS OR PLANTS OR PARTS THEREOF (preservation of food or foodstuff A23); BIOCIDES, e.g. AS DISINFECTANTS, AS PESTICIDES OR AS HERBICIDES (preparations for medical, dental or toilet purposes which kill or prevent the growth or proliferation of unwanted organisms A61K); PEST REPELLANTS OR ATTRACTANTS; PLANT GROWTH REGULATORS (mixtures of pesticides with fertilisers C05G)		
Note(s) [2006.01]				
1. This subclass covers : <ul style="list-style-type: none">• compositions, physical forms, methods of application of specific materials or the use of single compounds or compositions;• chemosterilants for the sexual sterilisation of invertebrates, e.g. insects (sex sterilants for other purposes A61K).				
2. This subclass does not cover materials which affect the growth of a plant solely by supplying nutrients, i.e. plant food, ordinarily required for growth or materials which are used to prevent or cure mineral deficiencies in plants , e.g. addition of iron chelates to cure iron chlorosis, which materials are covered by class C05 .				
3. In this subclass, the following expression is used with the meaning indicated: <ul style="list-style-type: none">• "plant growth regulators" are those materials which alter the plant through a chemical modification of the plant metabolism, such as auxins.				
4. Biocidal, pest repellent, pest attractant or plant growth regulatory activity of compounds or preparations is further classified in subclass A01P .				
Preservation of bodies of humans or animals, or plants, or parts thereof				
D Prof	A01N 1/00	Preservation of bodies of humans or animals, or parts thereof [2006.01]		
D Prof	A01N 1/02	• Preservation of living parts [2006.01]		
D Prof	A01N 3/00	Preservation of plants or parts thereof, e.g. inhibiting evaporation, improvement of the appearance of leaves (preservation or chemical ripening of harvested fruit or vegetables A23B 7/00); Grafting wax [2006.01]		
D Prof	A01N 3/02	• Keeping cut flowers fresh chemically (apparatus therefor A01G 5/06) [2006.01]		
D Prof	A01N 3/04	• Grafting wax [2006.01]		
Biocides; Pest repellants or attractants; Plant growth regulators [3]				
Note(s) [2006.01]				
1. Attention is drawn to the definitions of groups of chemical elements following the title of section C.				
2. In groups A01N 27/00-A01N 65/00 , the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, an active ingredient is classified in the last appropriate place.				
3. A composition, i.e. a mixture of two or more active ingredients is classified in the last of groups A01N 27/00-A01N 65/00 that provides for at least one of these active ingredients.				
4. Any part of a composition which is not identified by the classification according to Note (3), and which itself is determined to be novel and non-obvious, must also be classified in the last appropriate place in groups A01N 27/00-A01N 65/00 . The part can be either a single ingredient or a composition in itself.				
5. Any part of a composition which is not identified by the classification according to Note (3) or (4), and which is considered to represent information of interest for search, may also be classified in the last appropriate place in groups A01N 27/00-A01N 65/00 . This can, for example, be the case when it is considered of interest to enable searching of compositions using a combination of classification symbols. Such non-obligatory classification should be given as "additional information".				
6. Where a compound is described as existing in tautomeric forms, it is classified as if existing in the form which is classified last in the system.				

IPCPUB 7

A01N 1/02

Scheme  

Search

Reset

  Results

2016.01 ▾ Version

A01N 1/02

PDF

English data

French data

Bilingual data

Path view

Full view

Hierarchic view

Tree View

CPC FI

Deleted entries

Subclass Indexes

Guidance headings

Notes

IPCPUB v7.ob - 19.09.2016

CPC o8.2016, FI 16.11.2015

  A

HUMAN NECESSITIES

AGRICULTURE

  A01

AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING

  A01N

PRESERVATION OF BODIES OF HUMANS OR ANIMALS OR PLANTS OR PARTS THEREOF (preservation of food or foodstuff A23); **BIOCIDES, e.g. AS DISINFECTANTS, AS PESTICIDES OR AS HERBICIDES** (preparations for medical, dental or toilet purposes which kill or prevent the growth or proliferation of unwanted organisms A61K); **PEST REPELLANTS OR ATTRACTANTS; PLANT GROWTH REGULATORS** (mixtures of pesticides with fertilisers C05G)

Note(s)[2006.01]

1. This subclass covers:

- compositions, physical forms, methods of application of specific materials or the use of single compounds or compositions;
- chemosterilants for the sexual sterilisation of invertebrates, e.g. insects (sex sterilants for other purposes A61K).



2. This subclass does not cover materials which affect the growth of a plant solely by supplying nutrients, i.e. plant food, ordinarily required for growth or materials which are used to prevent or cure mineral deficiencies in plants, e.g. addition of iron chelates to cure iron chlorosis, which materials are covered by class C05.

3. In this subclass, the following expression is used with the meaning indicated:

- "plant growth regulators" are those materials which alter the plant through a chemical modification of the plant metabolism, such as auxins.

4. Biocidal, pest repellent, pest attractant or plant growth regulatory activity of compounds or preparations is further classified in subclass A01P.

Preservation of bodies of humans or animals, or plants, or parts thereof

  A01N 1/00

Preservation of bodies of humans or animals, or parts thereof [2006.01]

  A01N 1/02

• Preservation of living parts [2006.01]

IPC PUB problems to solve over time:

- IPC PUB Functional Evolution over time: Pre-reform, IPC Reform, Core/advanced levels, illustrations, definition tabs, Corrigendum, Compilation, CPC&FI, IPC version indicators, data exceptions...
- Rare opportunities to changes to Input Files specifications (2006 and 2015)
- Support of historical IPC Versions in a single platform, i.e. recurrent need to consider: adaptation of legacy IPC versions, when possible at all.
- Costs containment

IPC PUB Solution as from 2017

- Priority given to the support of functionalities for current and future IPC versions
- Freeze of functionalities for legacy IPC versions (archiving) on the basis of IPC PUB 6 layout.

IPC PUB7-IPC version modes: Archived vs. Active

■ Archived IPC version:

- Scheme, definition, illustration, RCL, Compilation in PDF, on the basis of their presentation while the concerned IPC version was in force
- PDF archive based on the most complete view at subclass level (monolingual or bilingual)
- 2 columns PDF preserved in archived versions
- Limited search features in archived IPC versions

IPC PUB7-Smart Search

- https://en.wikipedia.org/wiki/Honey_extraction
 - **IPC PUB Text search : “no result”**
 - **IPC PUB STATS search: “no result”**
 - **Patentscope search : C07D 487/04 and A61K 35/64**
 - **IPCCAT search gives A01K 47/00 and A01K 59/00 where A61K 35/00 is only ranked 3rd position**

IPC PUB7 smart search: cascade of searches
Term/STATS/IPCCAT (details under on-line help)

IPC PUB7- Status and plans for version 7.0c

■ Data:

- 2017.01: *active version except definition and CI*
 - 2016.01: *active version Scheme, Definitions, CI, RCL, compilation*
 - IPC1 to 2015.01: *archived versions Ready*
 - CPC XML format changes and FI: *Ready*
 - Tree view for IPC+CPC or FI (but not both): *Ready*
-
- IPC 2016.01 archiving under consideration before the end of the year 2016

IPC PUB7- Status and plans for version 7.0c

■ Functionalities:

- Smart Search: *ready*
- IPC PUB key Web services: *finalization in progress*
- IPCCAT REST service: *ready*
- On-line help update : *in progress*
- Search on archived versions: *to be considered*
- Switch between IPC versions at symbol level : *in progress*
- IB testing: *in progress*
- Expected availability for Offices: November 30th

IPCPUB- Plans for version 7.0

■ IPCPUB 7 project closure:

- Functional scope to be revisited so as to close project by the end of 2016
- Expected availability of the IPCPUB 7.0 package for Offices: Q1 2017
- IPCPUB 6 phasing out differed to Q1 2017.

IPC PUB7 7.0c version

Demonstration (Firefox)

Thank you for your attention!

■ QUESTIONS?

contact WIPO at ipc.mail@wipo.int