

Recent development

of International Classifications

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Overviews

- IPC
- Nice
- Locarno
- Vienna

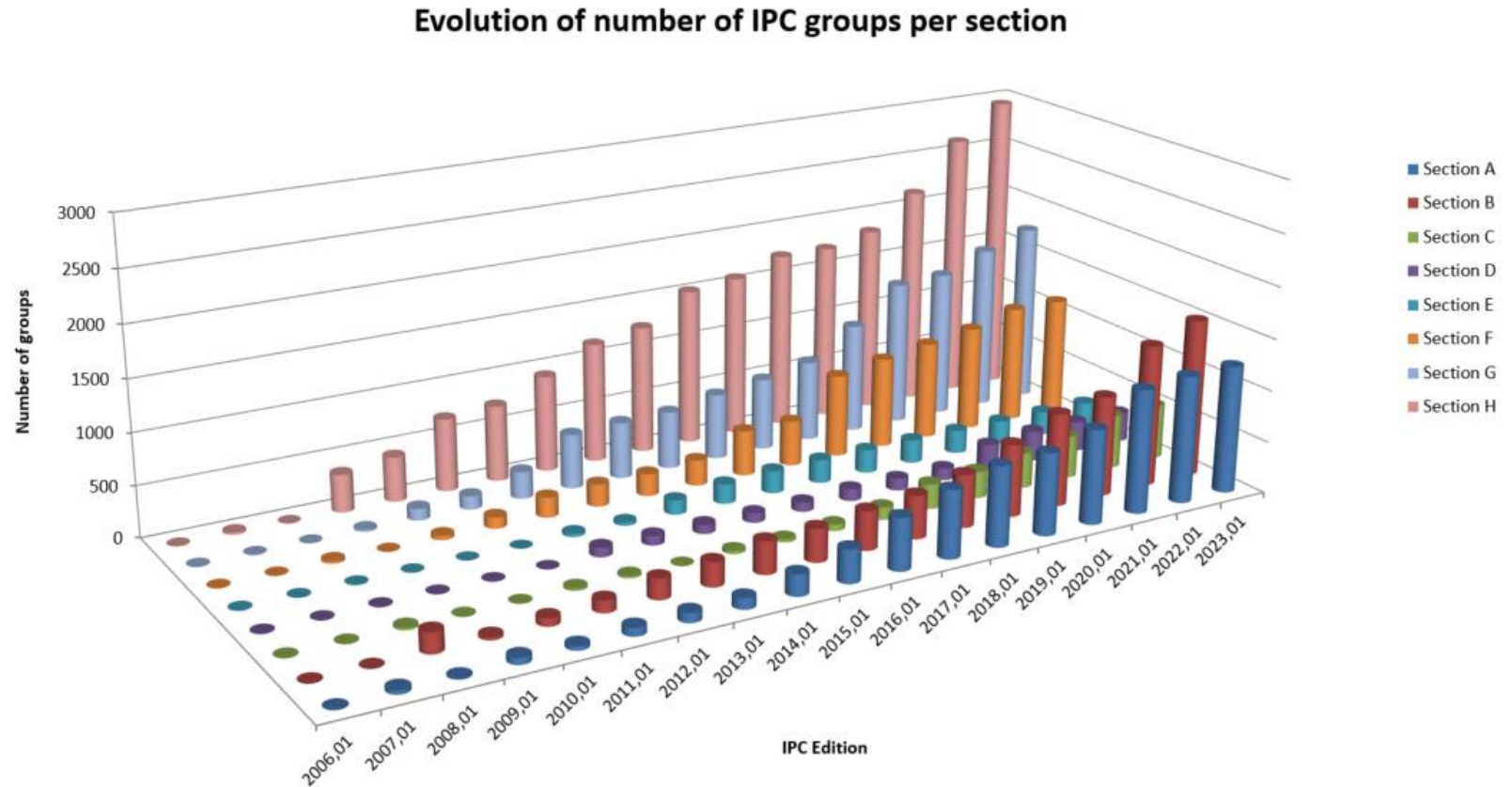
IPC/CE (Committee of Experts)

- 53rd session held in February, 2022
- average number of new entries per year in the recent IPC versions doubled comparing to the IPC versions published 5 to 10 years ago, the highest number of new entries per single revision in IPC-2022.01
- Expert Group on Semiconductor Technology (EGST) report on new subclasses under the new class H10 to take over the complete existing subclass H01L
- Number of amendments to the Guide to the IPC and other basic IPC documents
- Experience from offices on computer-assisted (e.g. AI-based) classification

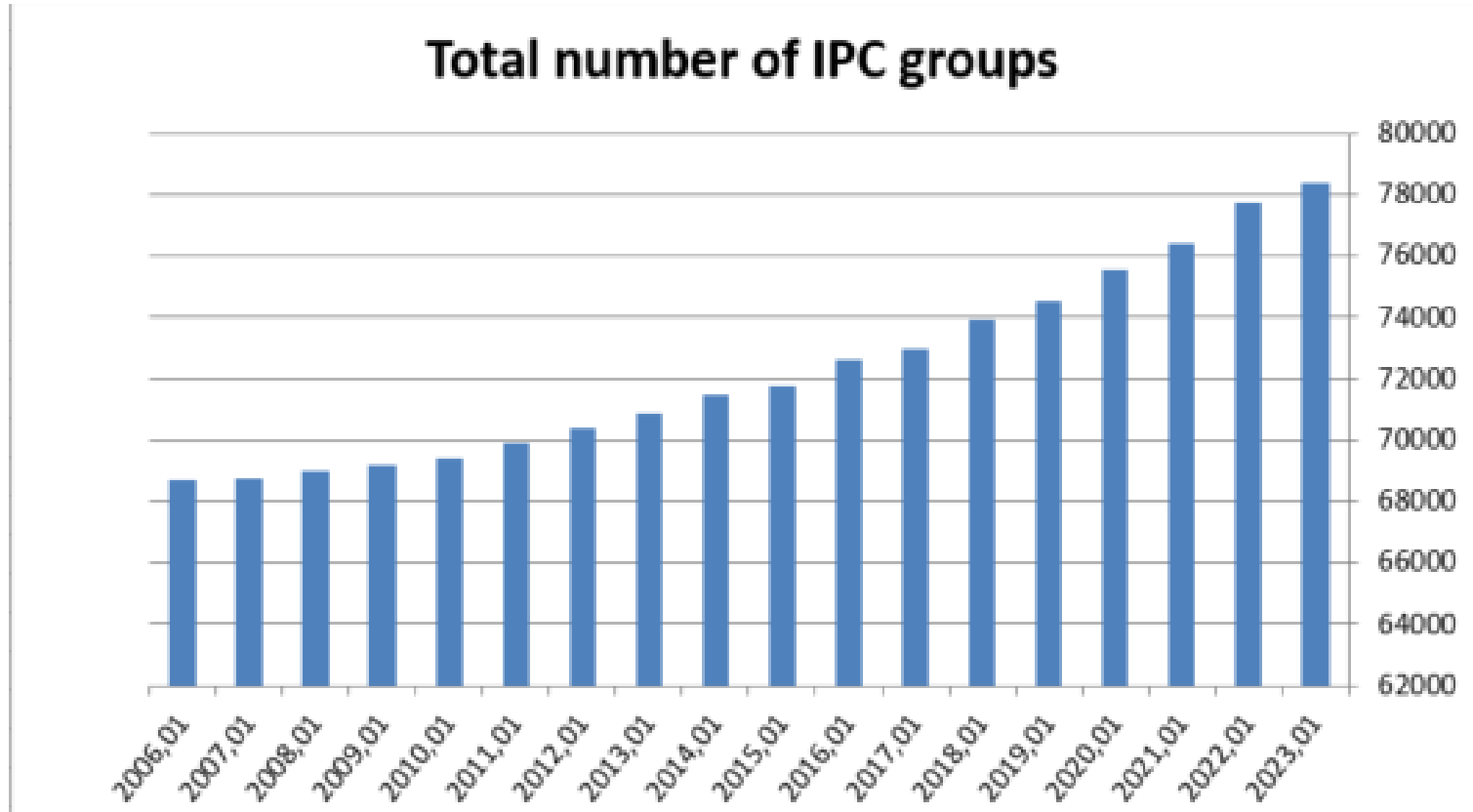
IPC 2023.01

- Entry into force on January 1, 2023
- 1736 amendments, 902 new entries, see [stats](#)
- New classes and subclasses
 - B64U** UNMANNED AERIAL VEHICLES [UAV]*
 - H10** SEMICONDUCTOR DEVICES (transferred from H01L)**
 - H10B** ELECTRONIC MEMORY DEVICES
 - H10K** ORGANIC ELECTRIC SOLID-STATE DEVICES
 - H10N** ELECTRIC SOLID-STATE DEVICES NOT OTHERWISE PROVIDED FOR
- * New Emerging Technologies [NET] not specifically covered in the current IPC
- ** more new H10 subclasses in IPC 2024.01 and 2025.01
- Major Reorganisation and Reclassification
 - C02F** TREATMENT OF WATER, WASTE WATER, SEWAGE, OR SLUDGE
 - G06Q** INFORMATION AND COMMUNICATION TECHNOLOGY [ICT]
SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL,
MANAGERIAL OR SUPERVISORY PURPOSES
 - G06N 3/00** ARTIFICIAL INTELLIGENCE [AI]*

The evolution of the number of groups of IPC



Total number of IPC groups



Interesting Revisions and New Technologies in Future IPC versions

- Supplying or distributing electric power; Storing of electric energy (H02J)
- Robots, e.g. humanoid, service or assistive robots (B70R - New subclass)
- Aircraft powered by electric energy (B64D)
- Hydrogen; Gaseous mixtures containing hydrogen; Preparation and separation thereof (C01B)
- Boundary layer ingestion [BLI] propulsion (B64C)
- Cellular immunotherapy (A61K)

Nice Classification – G&S for trademarks

CE32 - April 2022

- CE32 convened as hybrid meeting
- Introduction of two-phase e-voting through NCLRMS
- Grouping of proposals after Vote 1 (unofficial vote)
- Proposals with 4/5 maj support at Vote 1 → Group 1
- Remaining proposals → Group 2
- Real-time e-voting Vote 2 (final official vote) in NCLRMS

Nice Classification

CE32 - April 2022

- 426 proposals submitted to CE32
- 145 proposals approved in Group 1
- 159 proposals approved in Group 2
- Total 304 proposals approved at CE32
- 0 carried forward to next CE session
- 32 Member States voted

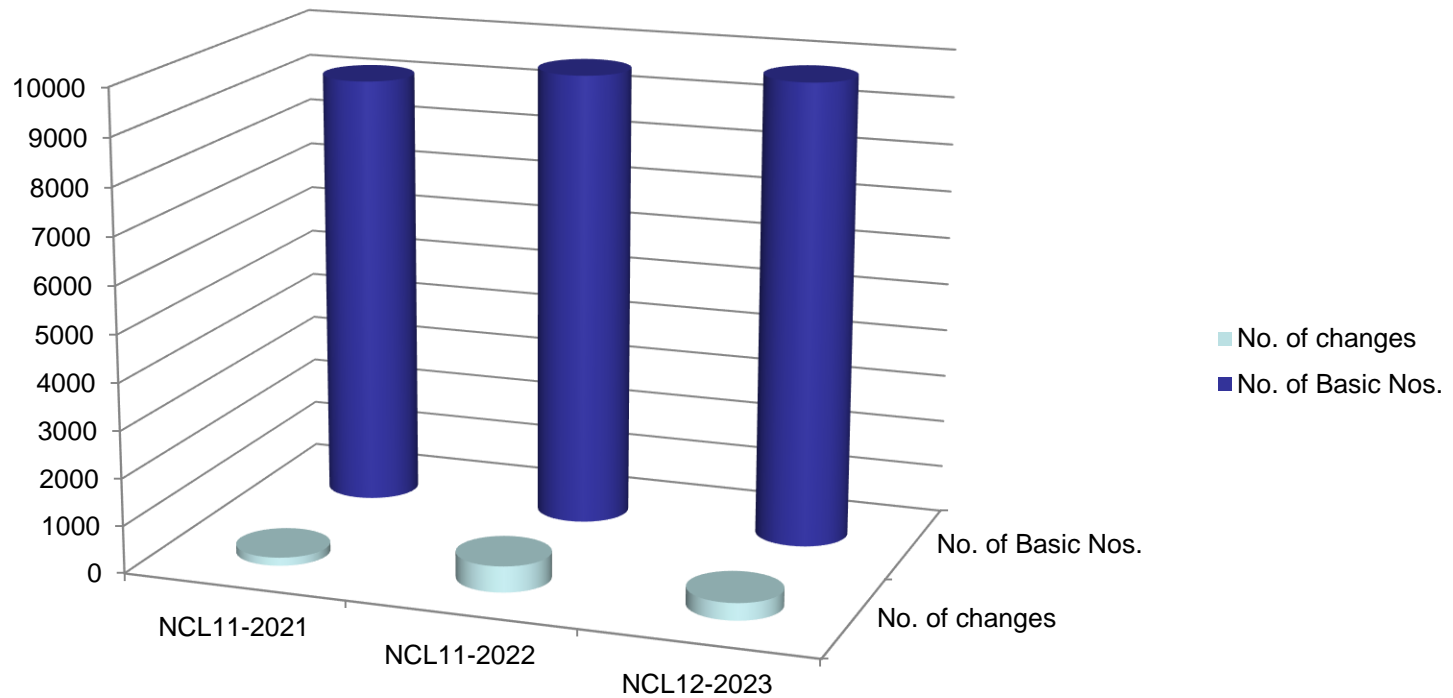
NCL (12-2023)

- 12th edition from January 2023-December 2025
 - New versions (1 Jan 2024 and 1 Jan 2025)
 - CE decided to shorten revision period to 3 years (NCL13-2026)
- NCLPUB containing NCL12-2023 data available as early publication June 2022
- NCL12-2023 entry into force 1 January 2023
- Next CE33 in May 2023 – revision cycle already underway in NCLRMS

NCL (12-2023)

- 362 modifications including 185 new entries
 - Harmonization of translations
 - Completion of the Class Heading and Explanatory Notes revision

NCL (12-2023)



Future development of Nice Classification

- Nice Classification Revision Management Solution (NCLRMS) *new look and feel?*
 - *amelioration of functions in NCLRM upon request and feedback from Member States?*

Locarno Classification – Industrial designs

CEL15 - January 2022

- 15th CE meeting January 2022 (postponed from November 2021) convened as hybrid meeting
- Post-session voting (LOCRMS under development)

Locarno Classification

CEL15 - January 2022

- 291 proposals submitted to CEL15
- 277 approved
- 0 carried forward to next CE session
- 23 Member States voted

LOC (14)

- 14th edition from January 2023-December 2024
- LOCPUB containing LOC14 data available as early publication June 2022
- LOC14 entry into force 1 January 2023

Future development of Locarno Classification

- Locarno Classification Revision Management Solution (LOCRMS) part 1 - Oct 2022
 - Generate MF and MFTs for LOCPUB
- LOCRMS part 2 in development
 - E-voting functionality
- Locarno CEL16 in October 2023 – e-voting with LOCRMS

Vienna Classification – figurative elements of trademarks

- 8th CE meeting February 2021
- Nivilo containing VCL(9) data available as early publication June 2022
- Entry into force of VCL(9) on 1 January 2023

Future development of Vienna Classification

- Nivilo publication platform → VCLPUB
- Vienna CE9 in Autumn 2024 leading to VCL(10) in January 2026

Thank you for your attention !