

WIPO



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WORLD INTELLECTUAL PROPERTY ORGANIZATION
GENEVA

**SPECIAL UNION FOR THE INTERNATIONAL PATENT CLASSIFICATION
(IPC UNION)**

COMMITTEE OF EXPERTS

**Thirty-Fourth Session
Geneva, February 23 to 27, 2004**

PROPOSED AMENDMENTS TO THE IPC EMANATING FROM REVISION PROJECTS

Document prepared by the Secretariat

1. The amendments to the IPC contained in the Technical Annexes to this document have been approved by the IPC Revision Working Group at its fifth to tenth sessions and are herewith submitted to the Committee of Experts for adoption. These amendments concern the following IPC classes and subclasses:

| <u>Area</u> | <u>Annex</u> | <u>Project</u> | <u>Area</u> | <u>Annex</u> | <u>Project</u> |
|-------------|--------------|----------------|-------------|--------------|----------------|
| A47B | 1 | 411 | F04D | 7 | 394 |
| A61K | 2 | 412 | F16D | 8 | 395 |
| A61K | 2 | 425 | G06 | 9 | 424 |
| B60J | 3 | 387 | G06F | 10 | 420 |
| C40 | 4 | 422 | G06F | 10 | 424 |
| C40B | 5 | 422 | G06K | 11 | 420 |
| E21B | 6 | 393 | G06Q | 12 | 424 |

3. In addition to the approval of the amendments referred to above, the IPC Revision Working Group considered the matter to which its attention had been drawn by the Committee of Experts (see document IPC/CE/33/12, paragraph 13) and made certain changes to subclass A61K under the revision project C 412. For practical reasons, the amendments to the IPC emanating from the hybrid project H 003, relating to subclass A61K, were incorporated in the Technical Annex corresponding to project C 412 (see document IPC/WG/10/3, paragraph 27, and Technical Annex 2 to this document).

4. The Committee of Experts is invited to adopt the amendments to the IPC proposed in Technical Annexes 1 to 12 to this document.

[Technical Annexes follow]

TECHNICAL ANNEXES

ANNEX 1 A 47 B [Project-Rapporteur : 411/SE] <CE34018E>

- C 17/00 *Writing-tables (21/00 takes precedence)*
- C 21/00 *Tables or desks specially adapted for use at individual computer workstations, e.g. for word processing or other manual data entry; Tables or desks specially adapted for typing; Auxiliary devices for attachment to such tables or desks (mouse pads per se G 06 F 3/039)*
- N 21/007 • *with under-desk displays, e.g. displays being viewable through a transparent working surface of the table or desk*
- N 21/013 • *characterised by adjustable parts, e.g. universally adjustable leaves, arm rests, wrist supports or mouse platforms (21/007 takes precedence)*
- C 21/02 • • *the parts being vertically-adjustable only*
- C 21/03 • • *the parts being horizontally adjustable, e.g. extensible, only (drawers 88/00)*
- C 21/04 • *characterised by means for holding or fastening typewriters or computer equipment*
- N 21/06 • *characterised by means for holding, fastening or concealing cables*

ANNEX 2 A 61 K [Project-Rapporteur : 412/EP] <CE34028E>

- Note(s) after the title
- N (3) *Attention is drawn to the notes in class C 07, for example the notes following the title of the subclass C 07 D, setting forth the rules for classifying organic compounds in that class, which rules are also applicable, if not otherwise indicated, to the classification of organic compounds in A 61 K.*
- (4) *In this subclass, with the exception of group 8/00, in the absence ---*
- (5) *<Former note (4)>*

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| <i>N</i> | <i>Note(s) after 8/00</i> | | |
| | | (1) | <i>In each of groups 8/02 and 8/18, in the absence of an indication of the contrary, classification is made in the last appropriate place.</i> |
| | | (2) | <i>Use of cosmetics or similar toilet preparations is further classified in subclass A 61 Q.</i> |
| | <i>Note(s) before 31/00</i> | | |
| <i>N</i> | | (1) | <i>A composition, i.e. a mixture of two or more components, is classified in the last of groups 31/00 to 47/00 that provides for at least one of these components. The components may be single compounds or other single ingredients.</i> |
| <i>N</i> | | (2) | <i>Any part of a composition which is not identified by the classification according to note (1), and which itself is determined to be novel and non-obvious, must also be classified in the last appropriate of groups 31/00 to 47/00. The part can be either a single component or a composition in itself.</i> |
| <i>N</i> | | (3) | <i>Any part of a composition which is not identified by the classification according to note (1) or (2), and which is considered to represent information of interest for search, may also be classified in the last appropriate of groups 31/00 to 47/00. 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".</i> |
| | | | <Delete former note (1)> |
| | | | <Delete former note (2)> |
| 31/00 | | | <Changed to classification symbol> |
| <i>Note(s) after 31/00</i> | | | <Delete former note (1)> |
| | | | <Delete former note (2)> |
| | | (1) | <Former note (3)> |
| | | (2) | <Former note (4)> |
| 31/01-31/195 | | | <Changed to classification symbols> |
| 31/196-31/56 | | | <Changed to classification symbols> |

31/565- <Changed to classification symbols>
31/593
31/60-31/603 <Changed to classification symbols>
31/606- <Changed to classification symbols>
31/609
31/612 <Changed to classification symbol>
31/616- <Changed to classification symbols>
31/618
31/621-31/64 <Changed to classification symbols>
31/65-31/675 <Changed to classification symbols>
31/683-31/70 <Changed to classification symbols>
31/7004- <Changed to classification symbols>
31/7048
31/7052- <Changed to classification symbols>
31/7088
31/7105- <Changed to classification symbols>
31/719
31/721- <Changed to classification symbols>
31/724
31/726- <Changed to classification symbols>
31/729
31/731- <Changed to classification symbols>
31/734
31/736-38/00 <Changed to classification symbols>
38/01-38/43 <Changed to classification symbols>
38/44-38/53 <Changed to classification symbols>
38/55-39/00 <Changed to classification symbols>
39/002-45/00 <Changed to classification symbols>
45/06-47/42 <Changed to classification symbols>
47/46-47/48 <Changed to classification symbols>

ANNEX 2 A 61 K [Project-Rapporteur : 425/US] <CE34004E>

D 35/70 (transferred to 36/06)
D 35/72 (transferred to 36/06)
D 35/78 (transferred to 36/00)
D 35/80 (transferred to 36/02)
D 35/82 (transferred to 36/09)
D 35/84 (transferred to 36/06)

- N 36/00 **Medicinal preparations of undetermined constitution containing material from algae, lichens, fungi or plants, or derivatives thereof, e.g. traditional herbal medicines**
- N Note(s) after 36/00
- (1) *In this group, common names of plants, where given, are presented in brackets following their corresponding Latin names.*
- (2) *In this group, it is desirable to add the indexing codes 125/00 to 135/00.*
- N 36/02 • Algae
- N 36/03 • • *Phaeophycota or phaeophyta (brown algae), e.g. Fucus*
- N 36/04 • • *Rhodophycota or rhodophyta (red algae), e.g. Porphyra*
- N 36/05 • • *Chlorophycota or chlorophyta (green algae), e.g. Chlorella*
- N 36/06 • *Fungi, e.g. yeasts*
- N 36/062 • • *Ascomycota*
- N 36/064 • • • *Saccharomycetales, e.g. baker's yeast*
- N 36/066 • • • *Clavicipitaceae*
- N 36/068 • • • • *Cordyceps*
- N 36/07 • • *Basidiomycota, e.g. Cryptococcus*
- N 36/074 • • • *Ganoderma*
- N 36/076 • • • *Poria*
- N 36/09 • *Lichens*
- N 36/10 • *Bryophyta (mosses)*
- N 36/11 • *Pteridophyta or Filicophyta (ferns)*
- N 36/12 • • *Filicopsida or Pteridopsida*
- N 36/126 • • • *Drynaria*
- N 36/13 • *Coniferophyta (gymnosperms)*
- N 36/14 • • *Cupressaceae (Cypress family), e.g. juniper or cypress*
- N 36/15 • • *Pinaceae (Pine family), e.g. pine or cedar*
- N 36/16 • *Ginkgophyta, e.g. Ginkgoaceae (Ginkgo family)*
- N 36/17 • *Gnetophyta, e.g. Ephedraceae (Mormon-tea family)*
- N 36/18 • *Magnoliophyta (angiosperms)*
- N 36/185 • • *Magnoliopsida (dicotyledons)*
- N 36/19 • • • *Acanthaceae (Acanthus family)*
- N 36/195 • • • • *Strobilanthes*
- N 36/20 • • • *Aceraceae (Maple family)*

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| N | 36/21 | • • • | <i>Amaranthaceae (Amaranth family), e.g. pigweed, rockwort or globe amaranth</i> |
| N | 36/22 | • • • | <i>Anacardiaceae (Sumac family), e.g. smoketree, sumac or poison oak</i> |
| N | 36/23 | • • • | <i>Apiaceae or Umbelliferae (Carrot family), e.g. dill, chervil, coriander or cumin</i> |
| N | 36/232 | • • • • | <i>Angelica</i> |
| N | 36/233 | • • • • | <i>Bupleurum</i> |
| N | 36/234 | • • • • | <i>Cnidium (snowparsley)</i> |
| N | 36/235 | • • • • | <i>Foeniculum (fennel)</i> |
| N | 36/236 | • • • • | <i>Ligusticum (licorice-root)</i> |
| N | 36/237 | • • • • | <i>Notopterygium</i> |
| N | 36/238 | • • • • | <i>Saposhnikovia</i> |
| N | 36/24 | • • • | <i>Apocynaceae (Dogbane family), e.g. plumeria or periwinkle</i> |
| N | 36/25 | • • • | <i>Araliaceae (Ginseng family), e.g. ivy, aralia, schefflera or tetrapanax</i> |
| N | 36/254 | • • • • | <i>Acanthopanax or Eleutherococcus</i> |
| N | 36/258 | • • • • | <i>Panax (ginseng)</i> |
| N | 36/26 | • • • | <i>Aristolochiaceae (Birthwort family), e.g. heartleaf</i> |
| N | 36/264 | • • • • | <i>Aristolochia (Dutchman's pipe)</i> |
| N | 36/268 | • • • • | <i>Asarum (wild ginger)</i> |
| N | 36/27 | • • • | <i>Asclepiadaceae (Milkweed family), e.g. hoyo</i> |
| N | 36/28 | • • • | <i>Asteraceae or Compositae (Aster or Sunflower family), e.g. chamomile, feverfew, yarrow or echinacea</i> |
| N | 36/282 | • • • • | <i>Artemisia, e.g. wormwood or sagebrush</i> |
| N | 36/284 | • • • • | <i>Atractylodes</i> |
| N | 36/285 | • • • • | <i>Aucklandia</i> |
| N | 36/286 | • • • • | <i>Carthamus (distaff thistle)</i> |
| N | 36/287 | • • • • | <i>Chrysanthemum, e.g. daisy</i> |
| N | 36/288 | • • • • | <i>Taraxacum (dandelion)</i> |
| N | 36/289 | • • • • | <i>Vladimiria</i> |
| N | 36/29 | • • • | <i>Berberidaceae (Barberry family), e.g. barberry, cohosh or mayapple</i> |
| N | 36/296 | • • • • | <i>Epimedium</i> |
| N | 36/30 | • • • | <i>Boraginaceae (Borage family), e.g. comfrey, lungwort or forget-me-not</i> |

- N 36/31 • • • *Brassicaceae* or *Cruciferae* (*Mustard family*), e.g. *broccoli*, *cabbage* or *kohlrabi*
- N 36/315 • • • • *Isatis*, e.g. *Dyer's woad*
- N 36/32 • • • *Burseraceae* (*Frankincense family*)
- N 36/324 • • • • *Boswellia*, e.g. *frankincense*
- N 36/328 • • • • *Commiphora*, e.g. *mecca myrrh* or *balm of Gilead*
- N 36/33 • • • *Cactaceae* (*Cactus family*), e.g. *pricklypear* or *Cereus*
- N 36/34 • • • *Campanulaceae* (*Bellflower family*)
- N 36/342 • • • • *Adenophora*
- N 36/344 • • • • *Codonopsis*
- N 36/346 • • • • *Platycodon*
- N 36/35 • • • *Caprifoliaceae* (*Honeysuckle family*)
- N 36/355 • • • • *Lonicera* (*honeysuckle*)
- N 36/36 • • • *Caryophyllaceae* (*Pink family*), e.g. *babysbreath* or *soapwort*
- N 36/37 • • • *Celastraceae* (*Staff-tree* or *Bittersweet family*), e.g. *tripterygium* or *spindletree*
- N 36/38 • • • *Clusiaceae*, *Hypericaceae* or *Guttiferae* (*Hypericum* or *Mangosteen family*), e.g. *common St. Johnswort*
- N 36/39 • • • *Convolvulaceae* (*Morning-glory family*), e.g. *bindweed*
- N 36/40 • • • *Cornaceae* (*Dogwood family*)
- N 36/41 • • • *Crassulaceae* (*Stonecrop family*)
- N 36/42 • • • *Cucurbitaceae* (*Cucumber family*)
- N 36/424 • • • • *Gynostemma*
- N 36/428 • • • • *Trichosanthes*
- N 36/43 • • • *Cuscutaceae* (*Dodder family*), e.g. *Cuscuta epithymum* or *greater dodder*
- N 36/44 • • • *Ebenaceae* (*Ebony family*), e.g. *persimmon*
- N 36/45 • • • *Ericaceae* or *Vacciniaceae* (*Heath* or *Blueberry family*), e.g. *blueberry*, *cranberry* or *bilberry*
- N 36/46 • • • *Eucommiaceae* (*Eucommia family*), e.g. *hardy rubber tree*
- N 36/47 • • • *Euphorbiaceae* (*Spurge family*), e.g. *Ricinus* (*castorbean*)
- N 36/48 • • • *Fabaceae* or *Leguminoceae* (*Pea* or *Legume family*); *Caesalpiniaceae*; *Mimosaceae*; *Papilionaceae*
- N 36/481 • • • • *Astragalus* (*milkvetch*)
- N 36/482 • • • • *Cassia*, e.g. *golden shower tree*
- N 36/483 • • • • *Gleditsia* (*locust*)

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| N | 36/484 | • • • • | <i>Glycyrrhiza (licorice)</i> |
| N | 36/485 | • • • • | <i>Gueldenstaedtia</i> |
| N | 36/486 | • • • • | <i>Millettia</i> |
| N | 36/487 | • • • • | <i>Psoralea</i> |
| N | 36/488 | • • • • | <i>Pueraria (kudzu)</i> |
| N | 36/489 | • • • • | <i>Sophora, e.g. necklacepod or mamani</i> |
| N | 36/49 | • • • • | <i>Fagaceae (Beech family), e.g. oak or chestnut</i> |
| N | 36/50 | • • • • | <i>Fumariaceae (Fumitory family), e.g. bleeding heart</i> |
| N | 36/505 | • • • • | <i>Corydalis</i> |
| N | 36/51 | • • • • | <i>Gentianaceae (Gentian family)</i> |
| N | 36/515 | • • • • | <i>Gentiana</i> |
| N | 36/52 | • • • • | <i>Juglandaceae (Walnut family)</i> |
| N | 36/53 | • • • • | <i>Lamiaceae or Labiatae (Mint family), e.g. thyme, rosemary or lavender</i> |
| N | 36/532 | • • • • | <i>Agastache, e.g. giant hyssop</i> |
| N | 36/533 | • • • • | <i>Leonurus (motherwort)</i> |
| N | 36/534 | • • • • | <i>Mentha (mint)</i> |
| N | 36/535 | • • • • | <i>Perilla (beefsteak plant)</i> |
| N | 36/536 | • • • • | <i>Prunella or Brunella (selfheal)</i> |
| N | 36/537 | • • • • | <i>Salvia (sage)</i> |
| N | 36/538 | • • • • | <i>Schizonepeta</i> |
| N | 36/539 | • • • • | <i>Scutellaria (skullcap)</i> |
| N | 36/54 | • • • • | <i>Lauraceae (Laurel family), e.g. cinnamon or sassafras</i> |
| N | 36/55 | • • • • | <i>Linaceae (Flax family), e.g. Linum</i> |
| N | 36/56 | • • • • | <i>Loganiaceae (Logania family), e.g. trumpetflower or pinkroot</i> |
| N | 36/57 | • • • • | <i>Magnoliaceae (Magnolia family)</i> |
| N | 36/575 | • • • • | <i>Magnolia</i> |
| N | 36/58 | • • • • | <i>Meliaceae (Chinaberry or Mahogany family), e.g. Azadirachta (neem)</i> |
| N | 36/59 | • • • • | <i>Menispermaceae (Moonseed family), e.g. hyperbaena or coralbead</i> |
| N | 36/60 | • • • • | <i>Moraceae (Mulberry family), e.g. breadfruit or fig</i> |
| N | 36/605 | • • • • | <i>Morus (mulberry)</i> |
| N | 36/61 | • • • • | <i>Myrtaceae (Myrtle family), e.g. teatree or eucalyptus</i> |
| N | 36/62 | • • • • | <i>Nymphaeaceae (Water-lily family)</i> |
| N | 36/63 | • • • • | <i>Oleaceae (Olive family), e.g. jasmine, lilac or ash tree</i> |

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| N | 36/634 | • • • • | <i>Forsythia</i> |
| N | 36/638 | • • • • | <i>Ligustrum</i> , e.g. <i>Chinese privet</i> |
| N | 36/64 | • • • | <i>Orobanchaceae</i> (<i>Broom-rape family</i>) |
| N | 36/65 | • • • | <i>Paeoniaceae</i> (<i>Peony family</i>), e.g. <i>Chinese peony</i> |
| N | 36/66 | • • • | <i>Papaveraceae</i> (<i>Poppy family</i>), e.g. <i>bloodroot</i> |
| N | 36/67 | • • • | <i>Piperaceae</i> (<i>Pepper family</i>), e.g. <i>Jamaican pepper or kava</i> |
| N | 36/68 | • • • | <i>Plantaginaceae</i> (<i>Plantain Family</i>) |
| N | 36/69 | • • • | <i>Polygalaceae</i> (<i>Milkwort family</i>) |
| N | 36/70 | • • • | <i>Polygonaceae</i> (<i>Buckwheat family</i>), e.g. <i>spineflower or dock</i> |
| N | 36/704 | • • • • | <i>Polygonum</i> , e.g. <i>knotweed</i> |
| N | 36/708 | • • • • | <i>Rheum</i> (<i>rhubarb</i>) |
| N | 36/71 | • • • | <i>Ranunculaceae</i> (<i>Buttercup family</i>), e.g. <i>larkspur, hepatica, hydrastis, columbine or goldenseal</i> |
| N | 36/714 | • • • • | <i>Aconitum</i> (<i>monkshood</i>) |
| N | 36/716 | • • • • | <i>Clematis</i> (<i>leather flower</i>) |
| N | 36/718 | • • • • | <i>Coptis</i> (<i>goldthread</i>) |
| N | 36/72 | • • • | <i>Rhamnaceae</i> (<i>Buckthorn family</i>), e.g. <i>buckthorn, chewstick or umbrella-tree</i> |
| N | 36/725 | • • • • | <i>Ziziphus</i> , e.g. <i>jujube</i> |
| N | 36/73 | • • • | <i>Rosaceae</i> (<i>Rose family</i>), e.g. <i>strawberry, chokeberry, blackberry, pear or firethorn</i> |
| N | 36/732 | • • • • | <i>Chaenomeles</i> , e.g. <i>flowering quince</i> |
| N | 36/734 | • • • • | <i>Crataegus</i> (<i>hawthorn</i>) |
| N | 36/736 | • • • • | <i>Prunus</i> , e.g. <i>plum, cherry, peach, apricot or almond</i> |
| N | 36/738 | • • • • | <i>Rosa</i> (<i>rose</i>) |
| N | 36/739 | • • • • | <i>Sanguisorba</i> (<i>burnet</i>) |
| N | 36/74 | • • • | <i>Rubiaceae</i> (<i>Madder family</i>) |
| N | 36/744 | • • • • | <i>Gardenia</i> |
| N | 36/746 | • • • • | <i>Morinda</i> |
| N | 36/748 | • • • • | <i>Oldenlandia</i> or <i>Hedyotis</i> |
| N | 36/75 | • • • | <i>Rutaceae</i> (<i>Rue family</i>) |
| N | 36/752 | • • • • | <i>Citrus</i> , e.g. <i>lime, orange or lemon</i> |
| N | 36/754 | • • • • | <i>Evodia</i> |
| N | 36/756 | • • • • | <i>Phellodendron</i> , e.g. <i>corktree</i> |
| N | 36/758 | • • • • | <i>Zanthoxylum</i> , e.g. <i>pricklyash</i> |

- N 36/76 • • • *Salicaceae* (Willow family), e.g. poplar
- N 36/77 • • • *Sapindaceae* (Soapberry family), e.g. lychee or soapberry
- N 36/78 • • • *Saururaceae* (Lizard's-tail family)
- N 36/79 • • • *Schisandraceae* (*Schisandra* family)
- N 36/80 • • • *Scrophulariaceae* (Figwort family)
- N 36/804 • • • • *Rehmannia*
- N 36/808 • • • • *Scrophularia* (figwort)
- N 36/81 • • • *Solanaceae* (Potato family), e.g. tobacco, nightshade, tomato, belladonna, capsicum or jimsonweed
- N 36/815 • • • • *Lycium* (desert-thorn)
- N 36/82 • • • *Theaceae* (Tea family), e.g. camellia
- N 36/83 • • • *Thymelaeaceae* (*Mezereum* family), e.g. leatherwood or false ohelo
- N 36/835 • • • • *Aquilaria*
- N 36/84 • • • *Valerianaceae* (Valerian family), e.g. valerian
- N 36/85 • • • *Verbenaceae* (*Verbena* family)
- N 36/855 • • • • *Clerodendrum*, e.g. glorybower
- N 36/86 • • • *Violaceae* (Violet family)
- N 36/87 • • • *Vitaceae* or *Ampelidaceae* (Vine or Grape family), e.g. wine grapes, muscadine or peppervine
- N 36/88 • • *Liliopsida* (monocotyledons)
- N 36/882 • • • *Acoraceae* (*Calamus* family), e.g. sweetflag or *Acorus calamus*
- N 36/884 • • • *Alismataceae* (Water-plantain family)
- N 36/886 • • • *Aloeaceae* (*Aloe* family), e.g. aloe vera
- N 36/888 • • • *Araceae* (*Arum* family), e.g. caladium, calla lily or skunk cabbage
- N 36/8884 • • • • *Arisaema*, e.g. Jack in the pulpit
- N 36/8888 • • • • *Pinellia*
- N 36/889 • • • *Areaceae*, *Palmae* or *Palmaceae* (Palm family), e.g. date or coconut palm or palmetto
- N 36/8895 • • • • *Calamus*, e.g. rattan
- N 36/89 • • • *Cyperaceae* (Sedge family)
- N 36/8905 • • • • *Cyperus* (flatsedge)
- N 36/894 • • • *Dioscoreaceae* (Yam family)
- N 36/8945 • • • • *Dioscorea*, e.g. yam, Chinese yam or water yam

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| N | 36/896 | • • • <i>Liliaceae (Lily family), e.g. daylily, plantain lily, Hyacinth or narcissus</i> |
| N | 36/8962 | • • • • <i>Allium, e.g. garden onion, leek, garlic or chives</i> |
| N | 36/8964 | • • • • <i>Anemarrhena</i> |
| N | 36/8965 | • • • • <i>Asparagus, e.g. garden asparagus or asparagus fern</i> |
| N | 36/8966 | • • • • <i>Fritillaria, e.g. checker lily or mission bells</i> |
| N | 36/8967 | • • • • <i>Lilium, e.g. tiger lily or Easter lily</i> |
| N | 36/8968 | • • • • <i>Ophiopogon (Lilyturf)</i> |
| N | 36/8969 | • • • • <i>Polygonatum (Solomon's seal)</i> |
| N | 36/898 | • • • <i>Orchidaceae (Orchid family)</i> |
| N | 36/8984 | • • • • <i>Dendrobium</i> |
| N | 36/8988 | • • • • <i>Gastrodia</i> |
| N | 36/899 | • • • <i>Poaceae or Gramineae (Grass family), e.g. bamboo, corn or sugar cane</i> |
| N | 36/8994 | • • • • <i>Coix (Job's tears)</i> |
| N | 36/8998 | • • • • <i>Hordeum (barley)</i> |
| N | 36/90 | • • • <i>Smilacaceae (Catbrier family), e.g. greenbrier or sarsaparilla</i> |
| N | 36/902 | • • • <i>Sparganiaceae (Bur-reed family)</i> |
| N | 36/904 | • • • <i>Stemonaceae (Stemona family), e.g. croomia</i> |
| N | 36/906 | • • • <i>Zingiberaceae (Ginger family)</i> |
| N | 36/9062 | • • • • <i>Alpinia, e.g. red ginger or galangal</i> |
| N | 36/9064 | • • • • <i>Amomum, e.g. round cardamom</i> |
| N | 36/9066 | • • • • <i>Curcuma, e.g. common turmeric, East Indian arrowroot or mango ginger</i> |
| N | 36/9068 | • • • • <i>Zingiber, e.g. garden ginger</i> |
| N | Guide Heading before 125/00 | <u>Indexing scheme associated with group 36/00, relating to plant parts with medicinal activity.</u> |
| N | 125/00 | <i>Containing or obtained from roots, bulbs, tubers, corms or rhizomes</i> |
| N | 127/00 | <i>Containing or obtained from leaves</i> |
| N | 129/00 | <i>Containing or obtained from bark</i> |
| N | 131/00 | <i>Containing or obtained from seeds, nuts, fruits or grains</i> |
| N | 133/00 | <i>Containing or obtained from flowers or blossoms</i> |

N 135/00 Containing or obtained from stems, stalks, branches, twigs or shoots

ANNEX 3 B 60 J [Project-Rapporteur : 387/PT] <CE34013E>

Title --- DEVICES FOR VEHICLES; REMOVABLE EXTERNAL PROTECTIVE COVERINGS SPECIALLY ADAPTED FOR VEHICLES (fastening, suspending, ---

C 1/20 • --- openings 7/22; removable external protective coverings 11/08; heating arrangements ---

N Note(s)
before 11/00

In group 11/00, the first place priority rule is applied, i.e. at each hierarchical level, classification is made in the first appropriate place.

11/00 Removable external protective coverings specially adapted for vehicles or parts of vehicles, e.g. parking covers (covering of load on vehicles B 60 P 7/00; guard strips for body finishing, identifying or decorating B 60 R 13/04; tents for use as garages E 04 H 15/00)

N Note(s)
before 11/02

Informative note:

References listed below indicate IPC places which could also be of interest when carrying out a search in respect of the subject matter covered by the preceding group:

Non-fixed roofs 7/00

*Liners for load platforms or load compartments
B 60 R 13/01*

Railway wagon or like covers B 61 D 39/00

Hoods or weather screens for children's carriages or perambulators B 62 B 9/14

Covers for seats of cycles B 62 J 1/18

Parking covers for cycles B 62 J 19/00

Hoods or weather-guards for sidecars B 62 K 27/16

Mud-guards or protecting devices for wheels of children's carriages or perambulators B 62 B 9/16.

N 11/02 • Covers wound on rollers

- N 11/04 • for covering at least the roof of the vehicle, e.g. for covering the whole vehicle
- N 11/06 • for covering only specific parts of the vehicle, e.g. for doors (covers for traction couplings, hitches, draw-gear or towing devices
[B 60 D 1/60](#); guards for wheels, radiators or bumpers
[B 60 R 19/00](#))
- N 11/08 • • for windows or windscreens ([antiglare equipment 3/00](#))
- N 11/10 • • for wheels (hub caps or the like [B 60 B 7/00](#); external spare wheel stowing, holding or mounting arrangements
[B 62 D 43/02](#))

ANNEX 4 C 40 [Project-Rapporteur : 422/EP] <CE34027E>

N *Subsection title before C 40* COMBINATORIAL TECHNOLOGY

N *Title* COMBINATORIAL CHEMISTRY; LIBRARIES

ANNEX 5 C 40 B [Project-Rapporteur : 422/EP] <CE34002E>

N *Title* COMBINATORIAL CHEMISTRY; LIBRARIES, e.g. CHEMICAL LIBRARIES, IN SILICO LIBRARIES

N *Note(s) after the title*

- (1) *In this subclass, the first place priority rule is applied, i.e. at each hierarchical level, classification is made in the first appropriate place.*
- (2) *When classifying in this subclass, subject matter of interest is also classified in other appropriate places:*
 - (a) *library members are also classified in the appropriate places elsewhere in the IPC (e.g. in section C) according to established procedure relating to “Markush”-type formulae (see paragraph -- of the Guide);*
 - (b) *methods or apparatus covered by this subclass are also classified for their biological, chemical, physical or other features in the appropriate places in the IPC, if such features are of interest, e.g.*

| | | |
|----------|----------------|--|
| | <i>A 01 N</i> | <i>Biocides</i> |
| | <i>A 61 K</i> | <i>Preparations for medical, dental or toilet purposes</i> |
| | <i>A 61 P</i> | <i>Therapeutic activity of compounds</i> |
| | <i>B 01 D</i> | <i>Separation</i> |
| | <i>B 01 J</i> | <i>Chemical or physical processes, e.g. catalysis; Apparatus therefor</i> |
| | <i>B 01 L</i> | <i>Chemical or physical laboratory apparatus</i> |
| | <i>B 29</i> | <i>Shaped plastics</i> |
| | <i>C 01,</i> | |
| | <i>C 07,</i> | |
| | <i>C 08</i> | <i>Inorganic, organic or organic macromolecular compounds; Methods of preparation or separation thereof</i> |
| | <i>C 12</i> | <i>Biochemistry, microbiology, enzymology including micro-organisms or enzymes, preparing them, using them to synthesise compounds or compositions; Measuring or testing processes involving micro-organisms or enzymes; Mutation or genetic engineering</i> |
| | <i>C 22</i> | <i>Metal alloys</i> |
| | <i>G 01 N</i> | <i>Chemical or physical analysis</i> |
| | <i>G 01 R,</i> | |
| | <i>G 01 T</i> | <i>Physical measurements methods; Apparatus therefor</i> |
| | <i>G 03 F</i> | <i>Photomechanical methods</i> |
| | <i>G 06 F</i> | <i>Electrical digital data processing</i> |
| | <i>G 06 K</i> | <i>Data processing</i> |
| | <i>G 06 T</i> | <i>Image data processing</i> |
| | <i>G 09 F</i> | <i>Displaying; Advertising</i> |
| <i>N</i> | <i>1/00</i> | <i>Directed molecular evolution of macromolecules, e.g. RNA, DNA or proteins</i> |
| <i>N</i> | <i>3/00</i> | <i>Methods specially adapted for identifying library members</i> |
| <i>N</i> | <i>3/02</i> | <ul style="list-style-type: none"><i>Identifying library members by their fixed physical location on a support or substrate</i> |

- N 3/04 • *Identifying library members by means of a tag, label, or other readable or detectable entity associated with the library members, e.g. decoding processes*
- N 3/06 • *using iterative deconvolution techniques*
- N 3/08 • *Direct analysis of the library members per se by physical methods, e.g. spectroscopy*
- N 5/00 **Methods of screening libraries**
- N 5/02 • *In silico screening*
- N 5/04 • *by measuring the ability to specifically bind a target molecule, e.g. antibody-antigen binding, receptor-ligand binding*
- N 5/06 • *by measuring effects on living organisms, tissues or cells*
- N 5/08 • *by measuring catalytic activity*
- N 5/10 • *by measuring physical properties, e.g. mass*
- N 7/00 **Libraries per se, e.g. arrays, mixtures**
- N 7/02 • *Libraries contained in or displayed by micro-organisms, e.g. bacteria or animal cells; Libraries contained in or displayed by vectors, e.g. plasmids; Libraries containing only micro-organisms or vectors*
- N 7/04 • *Libraries containing only organic compounds*
- N Note(s) after 7/04
- Libraries containing salts of organic compounds are classified in the groups for the libraries containing the parent compounds*
- N 7/06 • • *Libraries containing nucleotides or polynucleotides, or derivatives thereof*
- N 7/08 • • • *Libraries containing RNA or DNA which encodes proteins, e.g. gene libraries*
- N 7/10 • • *Libraries containing peptides or polypeptides, or derivatives thereof*
- N 7/12 • • *Libraries containing saccharides or polysaccharides, or derivatives thereof*
- N 7/14 • • *Libraries containing macromolecular compounds and not covered by groups 7/06 to 7/12*
- N 7/16 • • *Libraries containing metal-containing organic compounds*
- N 7/18 • *Libraries containing only inorganic compounds or inorganic materials*
- N 9/00 **Methods of creating libraries, e.g. combinatorial synthesis**

- N 9/02 • *In silico* or mathematical conception of libraries
- N 9/04 • using dynamic combinatorial chemistry techniques
- N 9/06 • Biochemical methods, e.g. using enzymes or whole viable micro-organisms
- N 9/08 • Liquid phase synthesis, i.e. wherein all library building blocks are in liquid phase or in solution during library creation; Particular methods of cleavage from the liquid support
- N 9/10 • • involving encoding steps
- N 9/12 • • using a particular method of attachment to the liquid support
- N 9/14 • Solid phase synthesis, i.e. wherein one or more library building blocks are bound to a solid support during library creation; Particular methods of cleavage from the solid support
- N 9/16 • • involving encoding steps
- N 9/18 • • using a particular method of attachment to the solid support
- N 11/00 **Apparatus specially adapted for use in combinatorial chemistry or with libraries**
- N 11/02 • Integrated apparatus specially adapted for creating libraries, screening libraries and for identifying library members
- N 11/04 • Integrated apparatus specially adapted for both screening libraries and identifying library members
- N 11/06 • Integrated apparatus specially adapted for both creating libraries and identifying library members
- N 11/08 • Integrated apparatus specially adapted for both creating and screening libraries
- N 11/10 • For identifying library members
- N 11/12 • For screening libraries
- N 11/14 • For creating libraries
- N 13/00 **Tags or labels specially adapted for combinatorial chemistry or libraries, e.g. fluorescent tags or bar codes**
- N 15/00 **Linkers or spacers specially adapted for combinatorial chemistry or libraries, e.g. traceless linkers or safety-catch linkers**
- N 99/00 **Subject matter not provided for in other groups of this subclass**

| ANNEX | 6 | E 21 B | [Project-Rapporteur : 393/NO] | <CE34014E> |
|-------|--------|---------|--|------------|
| C | 10/00 | --- | boring 7/08; with means for collecting substances 27/00) | |
| C | 10/18 | • • | --- drilling fluids (drilling fluid supply to the bearings 10/23) | |
| C | 10/22 | • • | characterised by bearing, lubrication or sealing details | |
| N | 10/23 | • • • | with drilling fluid supply to the bearings | |
| C | 10/24 | • • • | characterised by lubricating details (10/23 takes precedence) | |
| N | 10/25 | • • • | characterised by sealing details | |
| C | 10/42 | • | Rotary drag type drill bits with teeth, blades or like cutting elements, e.g. fork-type bits, fish tail bits (characterised by wear resisting parts 10/46, by conduits or nozzles for drilling fluid 10/60, by detachable parts 10/62) | |
| N | 10/43 | • • | characterised by the arrangement of teeth or other cutting elements | |
| C | 10/44 | • | --- detachable parts (10/42 takes precedence; drilling rods --- | |
| C | 10/54 | • • | the bit being of the rotary drag type, e.g. fork-type bits | |
| N | 10/55 | • • • | with preformed cutting elements (inserts per se 10/56, 10/58) | |
| N | 10/567 | • • • | with preformed cutting elements mounted on a distinct support, e.g. polycrystalline inserts | |
| N | 10/573 | • • • • | characterised by support details, e.g. the substrate construction or the interface between the substrate and the cutting element | |
| N | 10/61 | • • | characterised by nozzle structure | |
| C | 10/62 | • | characterised by parts, e.g. cutting elements, which are --- 10/20; for augers 10/44) | |
| N | 10/627 | • • | with plural detachable cutting elements | |
| N | 10/633 | • • • | independently detachable | |
| C | 27/00 | | Containers for collecting or depositing substances in boreholes or wells, e.g. bailers for collecting mud or sand; Drill bits with means for collecting substances, e.g. valve drill bits | |
| C | 27/02 | • | --- cement or acids | |
| N | 27/04 | • | where the collecting or depositing means include helical conveying means | |

| ANNEX | 7 | F 04 D | [Project-Rapporteur : 394/RU] | <CE34025E> |
|-------|----------|--------|--|-------------------------|
| | <i>C</i> | 29/04 | • <i>Shafts or bearings, or assemblies thereof (specially adapted for elastic fluid pumps 29/05)</i> | |
| | <i>N</i> | 29/041 | • • <i>Axial thrust balancing</i> | |
| | <i>N</i> | 29/042 | • • <i>Axially shiftable rotors (29/041 takes precedence)</i> | |
| | <i>N</i> | 29/043 | • • <i>Shafts</i> | |
| | <i>N</i> | 29/044 | • • • <i>Arrangements for joining or assembling shafts</i> | |
| | <i>N</i> | 29/046 | • • <i>Bearings</i> | |
| | <i>N</i> | 29/047 | • • • <i>hydrostatic; hydrodynamic</i> | |
| | <i>N</i> | 29/048 | • • • <i>magnetic; electromagnetic</i> | |
| | <i>N</i> | 29/049 | • • • <i>Roller bearings</i> | |
| | <i>N</i> | 29/05 | • <i>Shafts or bearings, or assemblies thereof, specially adapted for elastic fluid pumps</i> | |
| | <i>N</i> | 29/051 | • • <i>Axial thrust balancing</i> | |
| | <i>N</i> | 29/052 | • • <i>Axially shiftable rotors (29/051 takes precedence)</i> | |
| | <i>N</i> | 29/053 | • • <i>Shafts</i> | |
| | <i>N</i> | 29/054 | • • • <i>Arrangements for joining or assembling shafts</i> | |
| | <i>N</i> | 29/056 | • • <i>Bearings</i> | |
| | <i>N</i> | 29/057 | • • • <i>hydrostatic; hydrodynamic</i> | |
| | <i>N</i> | 29/058 | • • • <i>magnetic; electromagnetic</i> | |
| | <i>N</i> | 29/059 | • • • <i>Roller bearings</i> | |
| | <i>C</i> | 29/06 | • <i>Lubrication ---</i> | |
| | <i>N</i> | 29/063 | • • <i>specially adapted for elastic fluid pumps</i> | |
| | | 29/18 | • <i>Rotors (specially adapted for elastic ---</i> | |
| | | 29/26 | • <i>Rotors specially adapted for elastic fluids</i> | |

| ANNEX | 8 | F 16 D | [Project-Rapporteur : 395/EP] | <CE34019E> |
|-------|----------|--------|---|-------------------------|
| | <i>N</i> | 1/091 | • • • • <i>and comprising a chamber including a tapered piston moved axially by fluid pressure to effect clamping</i> | |
| | <i>N</i> | 1/092 | • • • • <i>the pair of conical mating surfaces being provided on the coupled hub and shaft</i> | |

- N 1/093 • • • • *using one or more elastic or segmented conical rings forming at least one of the conical surfaces, the rings being expanded or contracted to effect clamping (1/091 takes precedence)*
- N 1/094 • • • • • *using one or more pairs of elastic or segmented rings with mutually mating conical surfaces, one of the mating rings being contracted and the other being expanded*
- N 1/095 • • • • • *with clamping effected by ring contraction only*
- N Note(s) after 1/095

Informative note

References listed below indicate IPC places which could also be of interest when carrying out a search in respect of the subject matter covered by the preceding group:

for connecting two abutting shafts 1/02.

- N 1/096 • • • • • *the ring or rings being located between the shaft and the hub*
- N 1/097 • • • • • *with clamping effected by ring expansion only, e.g. with an expanded ring located between hub and shaft*

ANNEX 9 G 06 [Project-Rapporteur : 424/EP] <CE34008E>

Note(s) after the title

- <== the meanings indicated:
- – – – used in subclasses G 06 C, F or G 06 Q;
- “calculating or computing” includes, inter – – –
- “computation” is derived ==>

ANNEX 10 G 06 F [Project-Rapporteur : 420/SE] <CE34006E>

Title – – – optically G 06 E; computer systems – – –

- N 3/01 • *Input arrangements or combined input and output arrangements for interaction between user and computer (3/16 takes precedence)*
- C 3/02 • • *Input arrangements using manually operated switches, e.g. using keyboards or dials (keyboard switches per se H 01 H 13/70; electronic switches – – –*

- C 3/023 • • • --- form, e.g. arrangements for interpreting keyboard generated codes as alphanumeric codes, operand codes or instruction codes (coding in connection with keyboards or like devices in general [H 03 M 11/00](#))
- C 3/027 <Add 1 dot>
- C 3/03 • • --- the position or the displacement of a --- coded form
- N Note(s) after
3/03
- In this group, the first place priority rule is applied, i.e. at each hierarchical level, classification is made in the first appropriate place.*
- C 3/033 • • • Pointing devices displaced or positioned by the user, e.g. mice, trackballs, pens or joysticks; Accessories therefor
- C 3/037 • • • • using the raster scan of a cathode-ray tube (CRT) for detecting the position of the member, e.g. light pens cooperating with CRT monitors
- N 3/038 • • • • Control and interface arrangements therefor, e.g. drivers or device-embedded control circuitry
- N 3/039 • • • • Accessories therefor, e.g. mouse pads (furniture aspects [A 47 B 21/00](#))
- N 3/041 • • • • Digitisers, e.g. for touch screens or touch pads, characterised by the transducing means
- N 3/042 • • • • by opto-electronic means
- N 3/043 • • • • using propagating acoustic waves
- N 3/044 • • • • by capacitive means
- N 3/045 • • • • using resistive elements, e.g. a single continuous surface or two parallel surfaces put in contact
- N 3/046 • • • • by electromagnetic means
- N 3/047 • • • • using sets of wires, e.g. crossed wires
- N 3/048 • • Interaction techniques for graphical user interfaces, e.g. interaction with windows, icons or menus

ANNEX 10 G 06 F [Project-Rapporteur : 424/EP] <CE34012E>

- D 17/60 (transferred to G 06 Q)
- C 19/00 – – – (17/00 takes precedence; data processing systems or methods specially adapted for administrative, commercial, financial, managerial, supervisory or forecasting purposes G 06 Q)

ANNEX 11 G 06 K [Project-Rapporteur : 420/SE] <CE34022E>

- D 11/08 (transferred to G 06 F 3/042, covered by 11/06)
- D 11/10 (transferred to G 06 F 3/047, covered by 11/06)
- D 11/12 (transferred to G 06 F 3/045, covered by 11/06)
- D 11/14 (transferred to G 06 F 3/043, covered by 11/06)
- D 11/16 (transferred to G 06 F 3/041, 3/044, 3/046, covered by 11/06)
- D 11/18 (transferred to G 06 F 3/033, covered by 11/06)
- D 11/20 (transferred to G 06 F 3/038, covered by 11/06)

ANNEX 12 G 06 Q [Project-Rapporteur : 424/EP] <CE34007E>

N Title **Data processing systems or methods, specially adapted for administrative, commercial, financial, managerial, supervisory or forecasting purposes**

N Note(s) after the title

- (1) Generally, in order for a document to be classified in G 06 Q, there must be a significant data processing operation. Significant data processing is defined, for the purposes of this subclass, as data processing that needs a technological system or device in order to be carried out. However, subject matter that is related to the subject matter covered by groups 10/00 to 50/00, but does not explicitly involve significant data processing, should be classified in group 99/00. In such cases, additional classification may be made in the most closely related group of this or any other subclass covering subject matter that could be of interest for searching. Such non-obligatory classification must be given as “additional information”.

(2) *When classifying in groups 10/00 to 40/00, systems or methods that are specially adapted for a specific business sector must also be classified in group 50/00, when the special adaptation is determined to be novel and non-obvious.*

(3) *In this subclass, the first place priority rule is applied, i.e. at each hierarchical level, classification is made in the first appropriate place.*

| | | |
|---|---------------------|--|
| N | 10/00 | Administration; Management |
| N | 20/00 | Payment protocols or schemes (apparatus for performing or posting payment transactions G 07 F 7/08, 19/00; electronic cash registers G 07 G 1/12) |
| N | Note(s) after 20/00 | <p><i>This group <u>covers</u>:</i></p> <ul style="list-style-type: none">– <i>protocols or schemes which include procedures whereby a payment is made between a merchant, a bank, a user and sometimes a third party; the procedure usually includes verification and authentication of all parties involved.</i> |
| N | 30/00 | Electronic commerce, e.g. billing, auctions, marketing or online shopping |
| N | 40/00 | Finance; Insurance |
| N | 50/00 | Systems or methods specially adapted for a specific business sector, e.g. health care, utilities, tourism or legal services |
| N | 99/00 | Subject matter not provided for in other groups of this subclass |

[End of Technical Annexes and of document]