BASIC INFORMATION ON IPC REFORM

The eighth edition (2006) of the Classification represents its first publication after the basic period of IPC reform which was carried out from 1999 to 2005.

The following major changes were introduced in the Classification in the course of the reform:

(a) the Classification was divided into a core and an advanced level, in order to better satisfy the needs of different categories of users;

(b) different revision methods were introduced for the core and the advanced level, namely, a three-year revision cycle for the core level and continuous revision for the advanced level;

(c) when the Classification is revised, patent documents are reclassified according to the amendments to the core and the advanced levels;

(d) additional data illustrating classification entries or explaining them in more detail, such as classification definitions, structural chemical formulae and graphic illustrations, were introduced in the electronic layer of the Classification;

(e) general principles of classification and classification rules were reconsidered and revised where appropriate.

Industrial property offices are required to classify their published patent documents either at the core level or at the advanced level. The core level represents a relatively small and stable part of the eighth edition. It includes approximately 20,000 entries at hierarchically high levels of the Classification: sections, classes, subclasses, main groups and, in some technical fields, subgroups with a small number of dots. Revision amendments are not included in the core level of the IPC until its next edition. The core level is intended for classifying national patent collections containing patent documents issued by small and medium-sized industrial patent offices.

The advanced level includes the core level and more detailed subdivisions of the core level entries. It contains approximately 70,000 entries in the eighth (2006) edition of the IPC. Revision amendments to the advanced level are prepared through an accelerated procedure and are periodically introduced into the advanced level. The advanced level is intended for classifying large patent collections belonging to the PCT minimum documentation and for use by large industrial property offices.

More detailed information on IPC reform is available in the Guide to the eighth edition of the IPC (Volume 5 of this publication), in particular in paragraphs 11 to 14, 29 to 33, 44 to 52 of the Guide.

In view of the stability of the core level during the three-year revision cycles, this printed publication of the eighth (2006) edition contains only the core level of the IPC. The complete eighth edition including the core and the advanced levels of the IPC, as well as its electronic layer, is available on the Internet on the WIPO IPC Web site (www.wipo.int/classifications/ipc).
1. The Guide to the International Patent Classification, which explains the layout, use of symbols, principles, rules and application of the Classification, appears in Volume 5 of this publication.

2. In order to assist the user, the text of the Classification is presented in such a way as to give some indication of the kind of changes it has undergone with respect to previous editions.

3. The following indications are used in this edition of the Classification:

   (a) Text in italics means that the entry in question, in relation to the seventh edition, either

      (i) is new, or

      (ii) has been changed (in wording or in hierarchical position) so that the scope of one or more
           groups was affected.

      The entry in italics is followed by an Arabic numeral 8 in square brackets (see under (b), below).

   (b) An Arabic numeral in square brackets (for example [4] or [7]), at the end of an entry, indicates the edition of the Classification where the entry was, in relation to the preceding edition, either

      (i) new, or

      (ii) changed (in wording or hierarchical position) so that the scope of one or more groups
           was affected.

   (c) One and the same entry may be followed by two or more Arabic numerals in square brackets (for example [4,7] or [2,4,6]).

   (d) The symbols of the seventh edition which do not appear in this publication have been either included in the advanced level of the eighth edition or deleted. Information relating to these symbols is available from the Internet version of the eighth edition (www.wipo.int/classification/ipc).
### CONTENTS OF SECTION

(References and notes omitted)

#### Subsection: **AGRICULTURE**

<table>
<thead>
<tr>
<th>A01</th>
<th>AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING</th>
<th>A22</th>
<th>BUTCHERING; MEAT TREATMENT; PROCESSING POULTRY OR FISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>A01B</td>
<td>Soil working in agriculture or forestry; Parts, details, or accessories of agricultural machines or implements, in general</td>
<td>A22A</td>
<td>Slaughtering</td>
</tr>
<tr>
<td>A01C</td>
<td>Planting; Sowing; Fertilising</td>
<td>A22B</td>
<td>Slaughtering</td>
</tr>
<tr>
<td>A01D</td>
<td>Harvesting; Mowing</td>
<td>A22C</td>
<td>Processing meat, poultry, or fish</td>
</tr>
<tr>
<td>A01F</td>
<td>Threshing; Baling of straw, hay or the like; Stationary apparatus or hand tools for forming or binding straw or hay into bundles; Cutting of hay, straw or the like; Storing agricultural or horticultural produce</td>
<td>A23</td>
<td>FOODS OR FOODSTUFFS; THEIR TREATMENT, NOT COVERED BY OTHER CLASSES</td>
</tr>
<tr>
<td>A01G</td>
<td>Horticulture; Cultivation of vegetables, flowers, rice, fruit, vines, hops, or seaweed; Forestry; Watering</td>
<td>A23A</td>
<td>Preserving, e.g. by canning, meat, fish, eggs, fruit, vegetables, edible seeds; Chemical ripening of fruit or vegetables; The preserved, ripened, or canned products</td>
</tr>
<tr>
<td>A01H</td>
<td>New plants or processes for obtaining them; Plant reproduction by tissue culture techniques</td>
<td>A23B</td>
<td>Dairy products, e.g. milk, butter, cheese; Milk or cheese substitutes; Making thereof</td>
</tr>
<tr>
<td>A01J</td>
<td>Manufacture of dairy products</td>
<td>A23C</td>
<td>Dairy products, e.g. milk, butter, cheese; Milk or cheese substitutes; Making thereof</td>
</tr>
<tr>
<td>A01K</td>
<td>Animal husbandry; Care of birds, fishes, insects; Fishing; Rearing or breeding animals, not otherwise provided for; New breeds of animals</td>
<td>A23D</td>
<td>Edible oils or fats, e.g. margarines, shortenings, cooking oils</td>
</tr>
<tr>
<td>A01L</td>
<td>Shoeing of animals</td>
<td>A23E</td>
<td>Coffee; Tea; Their substitutes; Manufacture, preparation, or infusion thereof</td>
</tr>
<tr>
<td>A01M</td>
<td>Catching, trapping or scaring of animals; Apparatus for the destruction of noxious animals or noxious plants</td>
<td>A23F</td>
<td>Coffee; Tea; Their substitutes; Manufacture, preparation, or infusion thereof</td>
</tr>
<tr>
<td>A01N</td>
<td>Preservation of bodies of humans or animals or plants or parts thereof; Biocides, e.g. as disinfectants, as pesticides, as herbicides; Pest repellants or attractants; Plant growth regulators</td>
<td>A23G</td>
<td>Cocoa; Cocoa products, e.g. chocolate; Substitutes for cocoa or cocoa products; Confectionery; Chewing gum; Ice-cream; Preparation thereof</td>
</tr>
<tr>
<td>A01P</td>
<td>Biocidal, pest repellent, pest attractant or plant growth regulatory activity of chemical compounds or preparations</td>
<td>A23H</td>
<td>Cocoa; Cocoa products, e.g. chocolate; Substitutes for cocoa or cocoa products; Confectionery; Chewing gum; Ice-cream; Preparation thereof</td>
</tr>
</tbody>
</table>

#### Subsection: **FOODSTUFFS; TOBACCO**

<table>
<thead>
<tr>
<th>A21</th>
<th>BAKING; EQUIPMENT FOR MAKING OR PROCESSING DOUGHS; DOUGHS FOR BAKING</th>
<th>A24</th>
<th>TOBACCO; CIGARS; CIGARETTES; SMOKERS’ REQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>A21B</td>
<td>Bakers’ ovens; Machines or equipment for baking</td>
<td>A24A</td>
<td>Manufacture or preparation of tobacco for smoking or chewing; Tobacco; Snuff</td>
</tr>
<tr>
<td>A21C</td>
<td>Machines or equipment for making or processing doughs; Handling baked articles made from dough</td>
<td>A24B</td>
<td>Manufacture or preparation of tobacco for smoking or chewing; Tobacco; Snuff</td>
</tr>
<tr>
<td>A21D</td>
<td>Treatment, e.g. preservation, of flour or dough for baking, e.g. by addition of materials; Baking; Bakery products; Preservation thereof</td>
<td>A24C</td>
<td>Machines for making cigars or cigarettes</td>
</tr>
</tbody>
</table>

#### Subsection: **FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING**

<table>
<thead>
<tr>
<th>A02</th>
<th>FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING</th>
<th>A24D</th>
<th>Cigars; Cigarettes; Tobacco smoke filters; Mouthpieces for cigars or cigarettes; Manufacture of tobacco smoke filters or mouthpieces</th>
</tr>
</thead>
<tbody>
<tr>
<td>A02A</td>
<td>Harvesting; Mowing</td>
<td>A24F</td>
<td>Smokers’ requisites; Match boxes</td>
</tr>
</tbody>
</table>

Int.Cl. (8th edition, 2006) Vol. 1, Section A
Subsection: PERSONAL OR DOMESTIC ARTICLES

A41 WEARING APPAREL ................................................. 32
A41B Shirts; Underwear; Baby linen; Handkerchiefs .......... 32
A41C Corsets; Brassières .............................................. 32
A41D Outerwear; Protective garments; Accessories ......... 32
A41F Garment fastenings; Suspenders ........................... 33
A41G Artificial flowers; Wigs; Masks; Feathers ......... 33
A41H Appliances or methods for making clothes, e.g. for dress-making, for tailoring, not otherwise provided for ................................................................. 34

A42 HEADWEAR .......................................................... 35
A42B Hats; Head coverings ........................................... 35
A42C Manufacturing or trimming hats or other head coverings ................................................................. 35

A43 FOOTWEAR ............................................................ 36
A43B Characteristic features of footwear; Parts of footware ................................................................. 36
A43C Fastenings or attachments for footwear; Laces in general ................................................................. 36
A43D Machines, tools, equipment or methods for manufacturing or repairing footwear .................. 37

A44 HABERDASHERY; JEWELLERY ................................. 39
A44B Buttons, pins, buckles, slide fasteners, or the like .... 39
A44C Jewellery; Bracelets; Other personal adornments; Coins ................................................................. 39

A45 HAND OR TRAVELLING ARTICLES ....................... 40
A45B Walking sticks; Umbrellas; Ladies’ or like fans ...... 40
A45C Purses; Luggage; Hand carried bags .................. 40
A45D Hairdressing or shaving equipment; Manicuring or other cosmetic treatment ......................... 41
A45F Travelling or camp equipment; Sacks or packs carried on the body .................................................. 42

A46 BRUSHWARE .......................................................... 43
A46B Brushes ............................................................... 43
A46D Manufacture of brushes ........................................ 43

A47 FURNITURE; DOMESTIC ARTICLES OR APPLIANCES; COFFEE MILLS; SPICE MILLS; SUCTION CLEANERS IN GENERAL .................. 44
A47B Tables; Desks; Office furniture; Cabinets; Drawers; General details of furniture ...................... 44
A47C Chairs; Sofas; Beds .................................................. 46
A47D Furniture specially adapted for children ............... 47
A47F Special furniture, fittings, or accessories for shops, storehouses, bars, restaurants, or the like; Paying counters ................................................................. 47
A47G Household or table equipment .............................. 48
A47H Furnishings for windows or doors .......................... 49
A47J Kitchen equipment; Coffee mills; Spice mills; Apparatus for making beverages ..................... 49
A47K Sanitary equipment not otherwise provided for; Toilet accessories ............................................... 50
A47L Domestic washing or cleaning; Suction cleaners in general ................................................................. 51

Subsection: HEALTH; AMUSEMENT

A61 MEDICAL OR VETERINARY SCIENCE; HYGIENE ............................................. 53
A61B Diagnosis; Surgery; Identification ......................... 53
A61C Dentistry; Oral or dental hygiene .......................... 56
A61D Veterinary instruments, implements, tools, or methods ................................................................. 57
A61F Filters implantable into blood vessels; Prostheses; Devices providing patency to, or preventing collapsing of, tubular structures of the body, e.g. stents; Orthopaedic, nursing or contraceptive devices; Fomentation; Treatment or protection of eyes or ears; Bandages, dressings or absorbent pads; First-aid kits ................................................................. 57
A61G Transport, personal conveyances, or accommodation specially adapted for patients or disabled persons; Chairs for dentistry; Funeral devices ................................................................. 59
A61H Physical therapy apparatus, e.g. devices for locating or stimulating reflex points in the body; Artificial respiration; Massage; Bathing devices for special therapeutic or hygienic purposes or specific parts of the body ................................................................. 60
A61J Containers specially adapted for medical or pharmaceutical purposes; Devices or methods specially adapted for bringing pharmaceutical products into particular physical or administering forms; Devices for administering food or medicines orally; Baby comforters; Devices for receiving spittle ................................................................. 61
A61K Preparations for medical, dental, or toilet purposes .......... 62
A61L Methods or apparatus for sterilising materials or objects in general; Disinfection, sterilisation, or deodourisation of air; Chemical aspects of bandages, dressings, absorbent pads, or surgical articles; Materials for bandages, dressings, absorbent pads, or surgical articles ................................................................. 69
A61M Devices for introducing media into, or onto, the body; Devices for transducing body media or for taking media from the body; Devices for producing or ending sleep or stupor

A61N Electrotherapy; Magnetotherapy; Radiation therapy; Ultrasound therapy

A61P Therapeutic activity of chemical compounds or medicinal preparations

A61Q Use of cosmetics or similar toilet preparations

A62 LIFE-SAVING; FIRE-FIGHTING

A62B Devices, apparatus, or methods for life-saving

A62C Fire-fighting

A62D Chemical means for extinguishing fires; Processes for making harmful chemical substances harmless, or less harmful, by effecting a chemical change; Composition of materials for coverings or clothing for protecting against harmful chemical agents; Composition of materials for transparent parts of gas-masks, respirators, breathing bags or helmets; Composition of chemical materials for use in breathing apparatus

A63 SPORTS; GAMES; AMUSEMENTS

A63B Apparatus for physical training, gymnastics, swimming, climbing, or fencing; Ball games; Training equipment

A63C Skates; Skis; Roller skates; Design or layout of courts, rinks or the like

A63D Bowling-alleys; Bowling games; Boccia; Bowls; Bagatelle; Billiards

A63F Card, board, or roulette games; Indoor games using small moving playing bodies; Games not otherwise provided for

A63G Merry-go-rounds; Swings; Rocking-horses; Chutes; Switchbacks; Similar devices for public amusement

A63H Toys, e.g. tops, dolls, hoops, building blocks

A63J Devices for theatres, circuses, or the like; Conjuring appliances or the like

A63K Racing; Riding sports; Equipment or accessories thereof

A99 SUBJECT MATTER NOT OTHERWISE PROVIDED FOR IN THIS SECTION

A99Z Subject matter not otherwise provided for in this section
AGRICULTURE

A01 AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING

A01B SOIL WORKING IN AGRICULTURE OR FORESTRY; PARTS, DETAILS, OR ACCESSORIES OF AGRICULTURAL MACHINES OR IMPLEMENTS, IN GENERAL (making or covering furrows or holes for sowing, planting or manuring A01C 5/00; machines for harvesting root crops A01D; mowers convertible to soil working apparatus or capable of soil working A01D 42/00; mowers combined with soil working implements A01D 43/00; soil working for engineering purposes E01, E02, E21)

Subclass Index
HAND TOOLS ..........................................................1/00

PLoughs
General construction .............................................3/00, 5/00, 9/00, 11/00
Special adaptations .............................................13/00, 17/00
Details .................................................................15/00

HARROWS
General construction .............................................19/00, 21/00
Special applications .............................................25/00
Details .................................................................23/00

IMPLEMENTS USABLE EITHER AS PLoughS OR AS HARROWS OR THE LIKE ...............7/00

1/00 Hand tools (edge trimmers for lawns A01G 3/00)

Ploughs
3/00 Ploughs with fixed plough-shares
5/00 Ploughs with rolling non-driven tools, e.g. discs (with rotary driven tools A01B 9/00)
7/00 Disc-like soil-working implements usable either as ploughs or as harrows, or the like
9/00 Ploughs with rotary driven tools (tilting implements with rotary driven tools A01B 33/00)
11/00 Ploughs with oscillating, digging or piercing tools
13/00 Ploughs or like machines for special purposes (for drainage E02B 11/00)
15/00 Elements, tools, or details of ploughs
17/00 Ploughs with special additional arrangements, e.g. means for putting manure under the soil, clod-crushers (A01B 49/00 takes precedence; ploughs for working subsoil A01B 13/00) [2]

Harrows
19/00 Harrows with non-rotating tools
21/00 Harrows with rotary non-driven tools (tilting implements with rotary driven tools A01B 33/00)
23/00 Elements, tools, or details of harrows (discs for both harrows and ploughs A01B 15/00)
25/00 Harrows with special additional arrangements, e.g. means for distributing fertilisers; Harrows for special purposes (A01B 39/00 takes precedence)

OTHER MACHINES ................................................27/00 to 45/00, 49/00, 77/00

Elements or parts of machines or implements ..................................59/00 to 71/00

Transport in agriculture ......................................51/00, 73/00, 75/00

Other parts, details or accessories of agricultural machines or implements ..................................76/00

Particular methods for working soil ...........................................47/00, 79/00

Other machines for working soil
27/00 Clod-crushers
29/00 Rollers
31/00 Drags
33/00 Tilling implements with rotary driven tools
35/00 Other machines for working soil (A01B 37/00, A01B 39/00, A01B 77/00 take precedence)
37/00 Devices for loosening soil compacted by wheels or the like
39/00 Other machines specially adapted for working soil on which crops are growing
41/00 Thinning machines
43/00 Gatherers for removing stones, undesirable roots or the like from the soil, e.g. tractor-drawn rakes [4]
45/00 Machines for treating meadows or lawns
47/00 Soil-working with electric potential applied between tools and soil
49/00 Combined machines (auxiliary devices attached to machines of a different kind, e.g. harrows attached to ploughs, see the relevant groups for the machines)

Parts, details or accessories of agricultural machines or implements, in general (seat constructions A47C; wheels B60B; shelters for drivers B60J; seats specially adapted for vehicles, arrangement or mounting of seats in vehicles B60N 2/00; wheel scrapers B60S 1/00) [3]

51/00 Undercarriages specially adapted for mounting-on various kinds of agricultural tools or apparatus (general vehicle aspects, see the relevant subclass of class B60 or B62)
59/00 Devices specially adapted for connection between animals or tractors and agricultural machines or implements (A01B 63/00 takes precedence; vehicle connections in general B60D; draught assemblies for animal drawn vehicles, in general B62C 5/00) [3]

61/00 Devices for, or parts of, agricultural machines or implements for preventing overstrain (preventing overstrain in vehicle connections, in general B60D; preventing overstrain in couplings per se F16D) [3]

63/00 Lifting or adjusting devices or arrangements for agricultural machines or implements (lifting mechanisms for the cutter-bar of a mower A01D 34/02; adjusting devices for the cutter-bar of a mower A01D 34/02; constructional features of lifting devices per se B66F) [3]

67/00 Devices for controlling the tractor motor by resistance of tools (preventing overstrain A01B 61/00)

69/00 Steering of agricultural machines or implements; Guiding agricultural machines or implements on a desired track [3]

76/00 Parts, details or accessories of agricultural machines or implements, not provided for in groups A01B 51/00 to A01B 75/00 [8]

77/00 Machines for lifting and treating soil (biocides, pest repellants or attractants, plant growth regulators A01N 25/00 to A01N 65/00; fertilisers C05; soil-conditioning or soil-stabilising materials C09K 17/00)

79/00 Methods for working soil (essentially requiring the use of particular machines, see the relevant groups for the machines)

A01C PLANTING; SOWING; FERTILISING (combined with general working of soil A01B 49/00; parts, details or accessories of agricultural machines or implements, in general A01B 51/00 to A01B 75/00)

Subclass Index

FERTILISING
Methods....................................................... 3/00, 21/00
Apparatus...................................................... 3/00, 15/00, 17/00, 19/00, 23/00

WORK PREVIOUS TO SOWING OR PLANTING ................................................................. 1/00

1/00 Apparatus, or methods of use thereof, for testing or treating seed, roots, or the like, prior to sowing or planting (chemicals therefor A01N 25/00 to A01N 65/00)

1/04 Arranging seed on carriers, e.g. on tapes, on cords

1/06 Coating or dressing seed

3/00 Treating manure; Manuring (dung forks A01D 9/00; organic fertilisers from waste or refuse C05F)

5/00 Making or covering furrows or holes for sowing, planting, or manuring (ploughs for making ridges A01B 13/00)

7/00 Sowing (arrangements for driving working parts A01C 19/00)

7/08 Broadcast seeders; Seeders depositing seeds in rows

9/00 Potato planters (combinations with soil-working A01B 49/00)

11/00 Transplanting machines (carriers for supporting persons A01B 75/00; transplanting devices for trees A01G 23/00)

11/02 for seedlings

11/04 for deeper setting or shifting of plants

13/00 Machines or apparatus for consolidating soil around plants

14/00 Methods or apparatus for planting not provided for in other groups of this subclass [8]

Potato planters (combinations with soil-working A01B 49/00)

Transplanting machines (carriers for supporting persons A01B 75/00; transplanting devices for trees A01G 23/00)

for seedlings

for deeper setting or shifting of plants

Methods or apparatus for planting not provided for in other groups of this subclass [8]
A01C – A01D

15/00 Fertiliser distributors (A01C 7/00 takes precedence; with centrifugal wheels A01C 17/00; arrangements for driving working parts A01C 19/00; sand, gravel or salt spreaders for roads E01C 19/00) [2]
15/04 . using blowers
17/00 Fertilisers or seeders with centrifugal wheels (mechanical throwing machines for articles or solid bulk materials, in general B65G 31/00; sand, gravel, or salt spreaders E01C 19/00) [3]

A01D HARVESTING; MOWING

Note
This subclass covers the shredding or pulverising of stubble, e.g. for the purpose of producing mulch, but does not cover other mechanical destruction of unwanted vegetation, which is covered by group A01M 21/00. [7]

Subclass Index

HAND IMPLEMENTS
Cutting implements, rakes, forks, others ......................................................1/00, 7/00, 9/00, 11/00
Accessories .................................................................................3/00, 5/00

MACHINES FOR HARVESTING ROOT CROPS
Diggers.............................................................................. 13/00 to 19/00, 27/00
Topping ............................................................................. 23/00, 27/00
For specific products ................................... 13/00, 21/00, 25/00, 29/00
Other machines ................................................................. 31/00
Accessories ...............................................................................33/00

HARVESTING OR MOWING CEREALS OR GRASS
Harvesters or mowers .............................................. 34/00, 37/00, 41/00, 42/00, 43/00

Hand implements (devices for picking apples or like fruit A01D 46/00; soil working implements not specially adapted for harvesting A01B 1/00)

1/00 Hand-cutting implements for harvesting (hedge trimming means A01G 3/00)
3/00 Non-abrasive sharpening devices for scythes, sickles, or the like (abrasive or similar sharpening devices B24D 15/00)
5/00 Containers for whetstones for use during harvesting (whetting implements B24D 15/00)
7/00 Rakes (mowers convertible to rakes or capable of raking A01D 42/00; mowers combined with rakes A01D 43/00; haymakers, crop conditioners A01D 76/00 to A01D 84/00)
9/00 Forks
11/00 Other hand implements

Machines for harvesting root crops

13/00 Diggers, e.g. potato ploughs
15/00 Digging machines with sieve graters but without conveying mechanisms
17/00 Digging machines with sieving and conveying mechanisms
19/00 Digging machines with centrifugal wheels, drums, or spinners
21/00 Digging machines with potato-picking implements
23/00 Topping machines
25/00 Lifters for beet or like crops
27/00 Machines with both topping and lifting mechanisms
29/00 Harvesters for peanuts
31/00 Other digging harvesters
33/00 Accessories for digging harvesters
Harvesters or mowers for grass, cereals or other crops
(component parts thereof A01D 57/00 to A01D 69/00; accessories therefor A01D 75/00)

34/00 Mowers (combined with apparatus performing additional operations while mowing A01D 37/00 to A01D 41/00, A01D 43/00; convertible to apparatus for purposes other than mowing or capable of performing operations other than mowing A01D 42/00; Mowing apparatus of harvesters [4])
- 34/01 . characterised by features relating to the type of cutting apparatus [7]
- 34/02 . having reciprocating cutters [4,7]
- 34/412 . having rotating cutters [7]
- 34/63 . . . having cutters rotating about a vertical axis [4,7]
- 34/67 . . . . hand-guided by a walking operator [4,7]
- 34/73 . . . . Cutting apparatus [4]

37/00 Reaper-binders (features relating to mowing only A01D 34/00, to binding only A01D 39/00; equipment thereon for binding harvested or mown produce, e.g. knotters, A01D 59/00)
- 39/00 Independent binders, e.g. for hay; Binders attachable to mowers (equipment thereon for binding harvested or mown produce, e.g. knotters, A01D 59/00; stationary apparatus or hand tools for forming or binding straw or hay into bundles A01F 1/00)

41/00 Combines, i.e. harvesters or mowers combined with threshing devices (threshing devices for combines A01F 7/00 to A01F 12/00)
- 42/00 Mowers convertible to apparatus for purposes other than mowing; Mowers capable of performing operations other than mowing (mowers combined with apparatus performing additional operations while mowing A01D 43/00) [7]

43/00 Mowers combined with apparatus performing additional operations while mowing (A01D 37/00, A01D 39/00, A01D 41/00 take precedence) [3]
- 44/00 Harvesting of underwater plants, e.g. harvesting of seaweed [2]

45/00 Harvesting of standing crops (A01D 44/00 takes precedence; threshing machines adapted for special crops, threshing devices for combines adapted for special crops A01F 11/00) [2]

46/00 Picking of fruits, vegetables, hops, or the like; Devices for shaking trees or shrubs [2,3]

47/00 Headers

51/00 Apparatus for gathering together crops spread on the soil, e.g. apples, beets, nuts, potatoes

Components of harvesters or mowers for grass or cereals
(mowing apparatus A01D 34/00; wheels B60B; wheel scrapers B60S 1/00) [7]
- 57/00 Delivering mechanisms for harvesters or mowers
- 59/00 Equipment for binding harvested or mown produce (specially adapted for baling presses A01F 15/00; bundling articles for packaging in general B65B 13/00)
- 61/00 Elevators or conveyors for binders or combines (conveying in general B65G; hoisting, lifting, in general B66)

62/00 Outside dividers

65/00 Grain-crop lifters

67/00 Undercarriages or frames specially adapted for harvesters or mowers (coupling arrangements between animal or tractor and harvester or mower A01B 59/00; Mechanisms for adjusting the frame (adjusting devices for the cutter-bar A01D 34/02); Platforms [3]
- 67/02 . Protection against weather
- 67/04 . Seats

69/00 Driving mechanisms or parts thereof for harvesters or mowers (driving mechanisms for the cutters of mowers or harvesters A01D 34/00)

75/00 Accessories for harvesters or mowers

Haymakers; Crop conditioners (combined with mowers A01D 43/00) [3]

Note
In groups A01D 76/00 to A01D 87/00, the following terms are used with the meanings indicated:
- “hay” includes all mown forage crop in a dry or partially dry state;
- “haymakers” covers all apparatus working on mown forage crop lying on the ground with the intention to make hay, with the exception of “rakes” which are covered by group A01D 7/00.

76/00 Haymakers with tines that are stationary with respect to the machine during operation but that may be liftable for dumping [3]

78/00 Haymakers with tines moving with respect to the machine [3]

80/00 Parts or details of haymakers (parts or details specific for one type of machine, see the relevant groups for these machines) [3]

82/00 Crop conditioners, i.e. machines for crushing or bruising stalks (mowers combined with means for crushing or bruising the mown crop A01D 43/00) [3]

84/00 Haymakers not provided for in a single one of groups A01D 76/00 to A01D 82/00

85/00 Arrangements for making or setting stacks

87/00 Loaders for hay or like field crops (combined with mowers A01D 43/00; loading in general B65G, B66)

89/00 Pick-ups for loaders, chaff-cutters, balers, field-threshers, or the like

90/00 Vehicles for carrying harvested crops with means for selfloading or unloading (combined with mowers A01D 43/00; load transporting vehicles modified to facilitate loading, in general, B60P; bucket cars, i.e. having scraper bowls, E02P 3/64) [2]

91/00 Methods for harvesting agricultural products (essentially requiring the use of particular machines, see the relevant groups for the machines)
A01F  THRESHING; BALING OF STRAW, HAY OR THE LIKE; STATIONARY APPARATUS OR HAND TOOLS FOR FORMING OR BINDING STRAW OR HAY INTO BUNDLES; CUTTING OF HAY, STRAW OR THE LIKE; STORING AGRICULTURAL OR HORTICULTURAL PRODUCE

Subclass Index

THRESHING
General construction ........................................5/00, 7/00, 9/00
Special applications ...........................................11/00
Details .................................................................12/00

BALING OF STRAW, HAY OR THE LIKE ........1/00, 13/00, 15/00

Forming or tying straw; Hand-operated implements for cutting hay or straw

1/00  Stationary apparatus or hand tools for forming or binding straw or hay into bundles (baling apparatus or presses A01F 13/00, A01F 15/00; binders A01D 37/00, A01D 39/00) [3]

3/00  Hand-operated implements for cutting-up hay or straw (mechanically-driven straw cutters A01F 29/00; cutting in general B26)

Threshing

5/00  Hand-operated implements for threshing

7/00  Threshing machines (with flails A01F 9/00); Threshing devices for combines

9/00  Threshing machines with flails; Threshing devices with flails for combines

11/00  Threshing machines adapted for special crops; Threshing devices for combines adapted for special crops

12/00  Parts or details of threshing machines; Parts or details of threshing devices for combines

12/10  .  Feeders

12/18  .  Threshing devices

12/30  .  Straw separators

12/40  .  Straw crushing or cutting, e.g. by chaff-cutters (cutting apparatus of chaff-cutters A01F 29/00)

12/44  .  Grain cleaners; Separators (screening or sifting apparatus in general B07B)

12/46  .  Mechanical grain conveyers (conveyers in general B65G)

12/48  .  Air conduits or blowers for grain (for transport in general B65G 51/00, B65G 53/00)

12/52  .  Arrangements for returning unthreshed grain to the threshing device

12/60  .  Grain tanks

13/00  Hand-operated baling apparatus

15/00  Baling presses for straw, hay, or the like (making compressed stacks A01D 85/00; pick-ups A01D 89/00) [3]

Accessories for threshing machines or baling presses (loaders for sheaves, stacks or bales A01D 87/00; trailers B62D 63/00)

17/00  Straw conveyers for threshing machines or baling presses (conveyers in general B65G)

19/00  Devices for securing threshing machines or baling presses to the ground, e.g. for compensating for unevenness of the ground

21/00  Devices for protecting human beings (in combines A01D 75/00; safety devices in general F16P)

25/00  Storing agricultural or horticultural produce; Hanging-up harvested fruit (preservation of plants A01N 3/00; preservation of vegetables or fruit A23B 7/00; maturing fruit A23N 15/00; arrangements in barns for preparatory treatment of tobacco A24B 1/00; storing bulk material in general B65G; packing or storing hops C12C 3/00; drying in general F26B) [3]

25/13  .  Coverings (A01F 25/14 takes precedence; protective coverings for plants A01G 13/02) [3]

25/14  .  Containers specially adapted for storing (silos built by civil engineering techniques E04H 7/00) [3]

25/16  .  Arrangements in forage silos (loading or unloading arrangements in general B65G; construction of silos E04H 7/00)

29/00  Special adaptations of cutting machines for cutting hay, straw or fodder; Cutting apparatus of chaff-cutters (mowers combined with means for cutting up the mown crop A01D 43/00; disintegrating in general B02C; cutting machines in general B26D) [3]

A01G  HORTICULTURE; CULTIVATION OF VEGETABLES, FLOWERS, RICE, FRUIT, VINES, HOPS, OR SEAWEED; FORESTRY; WATERING (picking of fruits, vegetables, hops, or the like A01D 46/00; plant reproduction by tissue culture techniques A01H 4/00; devices for topping or skinning onions or flower bulbs A23N 15/00; propagating unicellular algae C12N 1/12; plant cell culture C12N 5/00)

Subclass Index

CULTIVATION IN GENERAL ........................................1/00, 3/00, 7/00, 9/00, 16/00, 17/00

HYDROPONICS, CULTIVATION WITHOUT SOIL .................................................................31/00

CULTIVATION OF SEAWEED ........................................33/00

PROTECTING PLANTS ...........................................11/00, 13/00, 15/00

PICKING OR HANDLING FLOWERS, HANDLING FRUIT ...............................................3/00, 5/00

FORESTRY ..........................................................23/00

WATERING ........................................................25/00, 27/00, 29/00
1/00 Horticulture; Cultivation of vegetables (labels or name-plates G09F 3/00, G09F 7/00)
1/02 . Cultivation of asparagus
1/04 . Cultivation of mushrooms (composts or fertilisers for cultivating mushrooms C05)
1/06 . Grafting (grafting-wax A01N 3/00)
1/08 . Edging for beds, lawns, or the like, e.g. using tiles
1/12 . Tools for cultivating turf; Sweeping apparatus for lawns; Gardens rollers (machines for treating meadows or lawns A01B 45/00; lawn-mowers A01D 34/00)

3/00 Cutting implements specially adapted for horticultural purposes; Delimbing standing trees (felling trees A01G 23/00; mowers having rotating flexible line cutters A01D 34/412; special adaptation of mowers for carrying by the operator A01D 34/00; hand-held cutting tools suitable for other use B26B) [S]

5/00 Floral handling
7/00 Botany in general (cultivation without soil A01G 31/00)
7/02 . Treatment of plants with carbon dioxide (greenhouses therefor A01G 9/18)
7/04 . Electric or magnetic treatment of plants for promoting growth
7/06 . Treatment of growing trees or plants, e.g. for preventing decay of wood, for tingeing flowers or wood, for prolonging the life of plants

9/00 Cultivation of flowers, vegetables or rice in receptacles, forcing-frames or greenhouses (cultivation without soil A01G 31/00)
9/02 . Receptacles, e.g. flower-pots or boxes (hanging flower baskets, holders or containers for flower-pots A47G 7/00); Glasses for cultivating flowers
9/04 . Flower-pot saucers
9/06 . Devices for cleaning flower-pots
9/08 . Devices for filling-up flower-pots; Devices for setting plants in pots
9/10 . Pots for seedlings; Soil-blocks for seedlings; Means for forming soil-blocks
9/12 . Supports for plants; Trellis for strawberries or the like (stays for trees, props for vines A01G 17/00)
9/14 . Greenhouses (cloches A01G 13/04)
9/16 . Dismountable or portable greenhouses
9/18 . Greenhouses for treating plants with carbon dioxide or the like
9/20 . Forcing-frames; Lights
9/22 . Shades or blinds for greenhouses, or the like
9/24 . Devices for heating, ventilating, regulating temperature, or watering, in greenhouses, forcing-frames, or the like

11/00 Sterilising soil by steam (soil-conditioning or soil-stabilising materials C09K 17/00)
13/00 Protecting plants (apparatus for the destruction of vermin or noxious animals A01M; use of chemical materials therefor, composition of protective materials, e.g. grafting wax, A01N)
13/02 . Protective coverings for plants; Devices for laying-out coverings
13/04 . Cloches
13/06 . Devices for generating heat, smoke, or fog in gardens, orchards, or forests, e.g. to prevent damage by frost (chemical aspects of generating smoke or mist C06D 3/00; heating devices in general, see the appropriate classes, e.g. F24)
13/10 . Devices for affording protection against animals, birds, or other pests (A01M 29/00 takes precedence; traps A01M 23/00; pesticides A01N) [2]

15/00 Devices or methods for influencing weather conditions (dispersing fog in general E01H 13/00)
16/00 Cultivation of rice (A01G 9/00 takes precedence) [3]
17/00 Cultivation of hops, vines, fruit trees, or like trees
23/00 Forestry
25/00 Watering gardens, fields, sports grounds, or the like (special apparatus or adaptations for fertilising-liquids A01C 23/00; nozzles or outlets, spraying apparatus B05B; gravity flow, open channel irrigation ditch systems E02B 13/00)
25/02 . Watering arrangements located above the soil which make use of perforated pipe-lines or pipe-lines with dispensing fittings, e.g. for drip irrigation (perforated pipes per sec B05B 1/14) [4]
25/16 . Control of watering (controlling spraying devices B05B) [2]
27/00 Self-acting watering devices, e.g. for flower-pots
29/00 Root feeders; Injecting fertilisers into the roots
31/00 Hydroponies; Cultivation without soil (A01G 33/00 takes precedence) [2]
31/02 . Special apparatus therefor (apparatus for cultivation in receptacles or greenhouses in general A01G 9/00; self-acting watering devices A01G 27/00)
33/00 Cultivation of seaweed [2]

A01H NEW PLANTS OR PROCESSES FOR OBTAINING THEM; PLANT REPRODUCTION BY TISSUE CULTURE TECHNIQUES [S]

Subclass Index

PROCESSES ............................................ 1/00, 3/00
FLOWERING PLANTS; GYMNOSPERMS ............... 5/00; 7/00
REPRODUCTION ........................................... 4/00
OTHER PRODUCTS ........................................ 9/00 to 17/00
Processes

1/00 Processes for modifying genotypes (A01H 4/00 takes precedence) [5]
1/02 Methods or apparatus for hybridisation; Artificial pollination
1/04 Processes of selection
1/06 Processes for producing mutations, e.g. treatment with chemicals or with radiation (mutation or genetic engineering C12N 15/00) [5]

3/00 Processes for modifying phenotypes (A01H 4/00 takes precedence; influencing the growth of plants without producing new plants, non-chemically A01G 7/00, chemically A01N 25/00 to A01N 65/00) [5]

4/00 Plant reproduction by tissue culture techniques [5]

Products

5/00 Flowering plants, i.e. angiosperms
5/02 Flowers

A01J MANUFACTURE OF DAIRY PRODUCTS (preservation, pasteurisation, sterilisation of milk products A23; for chemical matters, see subclass A23C)

Subclass Index

MILKING .......................................................................1/00 to 9/00
TREATMENT OF MILK OR CREAM ............................11/00, 13/00
MANUFACTURING BUTTER .............................................15/00
KNEADING OR FORMING BUTTER, MARGARINE OR BUTTER SUBSTITUTES...........17/00 to 23/00

Milking (milking stations A01K 1/00)

1/00 Devices or accessories for milking by hand (milking stools A47C 9/00)
3/00 Milking with catheters
5/00 Milking machines or devices (A01J 1/00, A01J 3/00 take precedence)
5/003 Movable milking machines [6]
5/007 Monitoring milking processes; Control or regulation of milking machines [6]

7/00 Accessories for milking machines or devices [5,6]
9/00 Milk receptacles (containers in general B65D; devices for tilting and emptying of containers B65G 65/00)

Treatment of milk or cream

11/00 Apparatus for treating milk (preserving or sterilising A23C)
13/00 Tanks for treating cream

15/00 Manufacturing butter

Kneading or forming butter; Kneading or forming margarine or butter substitutes

17/00 Kneading machines for butter, or the like (mixing or kneading machines for the preparation of dough A21C 1/00)
19/00 Hand devices for forming slabs of butter, or the like
21/00 Machines for forming slabs of butter, or the like
23/00 Devices for dividing bulk butter, or the like

Cheese-making

25/00 Cheese-making (coating the cheese A01J 27/00)
27/00 After-treatment of cheese; Coating the cheese

99/00 Subject matter not provided for in other groups of this subclass [8]
A01K ANIMAL HUSBANDRY; CARE OF BIRDS, FISHES, INSECTS; FISHING; REARING OR BREEDING ANIMALS, NOT OTHERWISE PROVIDED FOR; NEW BREEDS OF ANIMALS

Subclass Index

ANIMAL HUSBANDRY IN GENERAL, ESPECIALLY CATTLE RAISING

Housing, feeding or watering devices .......................................................... 1/00 to 9/00
Taming; muzzles, leads ...................... 15/00; 25/00; 27/00
Marking; devices for grooming ............. 11/00; 13/00
Removing the fleece ............................................. 14/00
Other apparatus......................................... 17/00 to 23/00, 29/00

AVICULTURE; EGGS

Housing, feeding or drinking appliances ............................................. 31/00, 39/00
Marking ........................................................................ 35/00
Other apparatus............................................. 33/00, 37/00, 41/00, 43/00, 45/00

PISCICULTURE ...................................................................... 61/00, 63/00

OTHER REARING OR BREEDING, NEW BREEDS .................................................................................. 67/00

FISHING WITH NETS .............................................. 69/00 to 75/00

ANGLING

Rods; reels ................................................... 87/00; 89/00
Lines; accessories therefor ............... 91/00; 83/00, 85/00, 93/00, 95/00
Accessories .......................................................... 97/00

OTHER FISHING........................................... 69/00, 77/00 to 81/00, 99/00

Note

This subclass covers:
- equipment for the care, culture or rearing of all animals or for obtaining their products, unless provided for elsewhere, e.g. milking A01J, shoeing animals A01L, veterinary devices A61D, culture of animal cells C12M, C12N;
- methods of breeding animals or new animal breeds. [5]

Animal husbandry in general, especially cattle-raising (devices in connection with harnesses B68B)

1/00 Housing animals; Equipment therefor (building construction, features of buildings E04; ventilating buildings F24F)

1/01 Removal of dung or urine (A01K 1/015 takes precedence) [2]

1/015 Floor coverings, e.g. bedding-down sheets [2]

1/02 Pigsties; Dog-kennels; Rabbit-hutches or the like

3/00 Pasturing equipment, e.g. tethering devices; Grids for preventing cattle from straying; Electrified wire fencing (construction of fencing in general E04H 17/00; electric circuits for fences H05C)

5/00 Feeding devices for stock or game (A01K 1/00 takes precedence; for poultry A01K 39/00) [2]

7/00 Watering equipment for stock or game

9/00 Sucking apparatus for young stock

11/00 Marking of animals (of poultry A01K 35/00; lead-sealing pliers B25B)

13/00 Devices for grooming or caring of animals, e.g. curry-combs (scissors B26B); Fetlock rings (bandages, poultices A61D); Tail-holders (as part of the harness B68B 5/00); Devices for preventing crib-biting; Washing devices (milking machine accessories for treatment of udders or teats A01J 7/00; for medical purposes A61D 11/00); Protection against weather conditions or insects

14/00 Removing the fleece from live sheep or similar animals (hand-held cutting tools B26B) [5]

15/00 Devices for taming animals, e.g. nose-rings, hobbles; Devices for overturning animals in general; Training equipment; Covering boxes (devices for veterinary purposes A61D 3/00)

17/00 Dehorners; Horn trainers

19/00 Weaning apparatus

21/00 Devices for assisting or preventing mating (covering boxes A01K 15/00)

23/00 Manure or urine pouches

25/00 Muzzles

27/00 Leads or collars, e.g. for dogs (devices specially adapted or mounted for storing and repeatedly paying-out and re-storing lengths of material B65H 75/34)

29/00 Other apparatus for animal husbandry

Aviculture; Testing, cleaning, stamping, or grading eggs

31/00 Housing birds

33/00 Nest-eggs

35/00 Marking poultry or other birds

37/00 Constraining birds, e.g. wing clamps

39/00 Feeding or drinking appliances for poultry or other birds [2]

41/00 Incubators for poultry

43/00 Testing, sorting, or cleaning eggs (investigating or analysing eggs, e.g. by candling, G01N 33/02)
Other aviculture appliances, e.g. devices for determining whether a bird is about to lay

Apiculture

45/00 Other aviculture appliances, e.g. devices for determining whether a bird is about to lay

47/00 Beehives

49/00 Rearing-boxes; Queen transporting or introducing cages

51/00 Appliances for treating beehives or parts thereof, e.g. for cleaning or disinfecting

53/00 Feeding or drinking appliances for bees

55/00 Bee-smokers; Bee-keepers' accessories, e.g. veils (smoking pipes A24F)

57/00 Appliances for providing, preventing, or catching swarms; Drone-capturing devices

59/00 Honey collection

Pisciculture; Aquaria; Terraria

61/00 Culture of fish, mussels, crayfish, lobsters, sponges, pearls, or the like (harvesting oysters, mussels, sponges or the like A01K 80/00)

61/02 Feeding devices for fish

63/00 Receptacles for live fish, e.g. aquaria (keepnets or other containers for keeping captured fish A01K 97/00); Terraria [5]

63/02 Receptacles specially adapted for transporting live fish

63/04 Arrangements for treating water specially adapted to receptacles for live fish (filters in general B01D; water treatment in general C02F) [3]

63/06 Arrangements for heating or lighting in, or attached to, receptacles for live fish (heating or lighting apparatus per se F21, H01, H05B) [3]

65/00 Fish stringers

67/00 Rearing or breeding animals, not otherwise provided for; New breeds of animals (methods for reproduction or fertilisation A61D 19/00; medicinal preparations containing sperm A61K 35/48; tissue- or animal-cell cultivation apparatus C12M 3/00; cultivation or maintenance of tissue or animal cells C12N 5/00; mutation or genetic engineering C12N 15/00)

Note

In this group the following term is used with the meaning indicated:
- “breeding” means obtaining animals up to and including their birth or hatching. [5]

67/027 New breeds of vertebrates [5]

Fishing

65/00 Fish stringers A01K 65/00; angling A01K 83/00 to A01K 97/00

69/00 Stationary catching devices

71/00 Floating nets

73/00 Drawn nets

74/00 Other catching nets or the like [2]

75/00 Accessories for nets; Details of nets, e.g. structure [4]

77/00 Landing-nets; Landing-spoons

79/00 Methods or means of catching fish in bulk not provided for in groups A01K 69/00 to A01K 77/00

80/00 Harvesting oysters, mussels, sponges or the like (nets A01K 73/00, A01K 74/00; dredgers E02F) [3]

81/00 Fishing with projectiles (weapons, projectiles other than fish-spears F41, F42)

Angling

83/00 Fish-hooks

85/00 Artificial baits

85/01 with light emission, sound emission, scent dispersal or the like [2,5]

87/00 Rods

87/02 Connecting devices for parts of the rods

87/04 Fishing-line guides on rods

87/06 Devices for fixing reels on rods

87/08 Handgrips [5]

89/00 Reels (devices for casting lines A01K 91/00)

91/00 Lines

93/00 Floats for angling, with or without signalling devices [4,5]

95/00 Sinkers for angling [4]

97/00 Accessories for angling (landing-nets, landing-spoons A01K 77/00)

97/04 Containers for bait; Preparation of bait (feeding-stuffs for particular animals A23K 1/18) [2]

97/06 Containers or holders for hooks, lines, sinkers, flies or the like [5]

97/10 Supports for rods

97/12 Signalling devices, e.g. tip-up devices (A01K 91/00 takes precedence) [2]
A01L  SHOEING OF ANIMALS

Subclass Index

| 1/00 | Shoes for horses or other solipeds fastened with nails (A01L 3/00 takes precedence) |
| 3/00 | Horseshoes fastened by means other than nails, with or without additional fastening by nailing |
| 5/00 | Horseshoes made of elastic materials |
| 7/00 | Accessories for shoeing animals |

A01M  CATCHING, TRAPPING OR SCARING OF ANIMALS (apiculture A01K 47/00 to A01K 59/00; fishing A01K 69/00 to A01K 97/00; pesticides A01N); APPARATUS FOR THE DESTRUCTION OF NOXIOUS ANIMALS OR NOXIOUS PLANTS (equipment fitted in or to aircraft for dropping or releasing powdered, liquid or gaseous matter, e.g. pesticides, herbicides, B64D 1/00)

Note

In this subclass, terms “killing” and “destruction” cover “non-chemical sterilisation” of invertebrates.

Subclass Index

| 1/00 | Stationary means for catching or killing insects |
| 1/02 | . with devices attracting the insects |
| 1/08 | . using combined illumination and suction effects |
| 1/20 | . Poisoning, narcotising, or burning insects |
| 3/00 | Manual implements, other than sprayers or powder distributors, for catching or killing insects, e.g. butterfly nets |
| 5/00 | Special adaptations or arrangements of liquid-spraying apparatus for purposes covered by this subclass (spraying apparatus in general B05B) |
| 7/00 | Special adaptations or arrangements of powder-spraying apparatus for purposes covered by this subclass (spraying apparatus in general B05B) |
| 9/00 | Special adaptations or arrangements of combined liquid- and powder-spraying apparatus for purposes covered by this subclass (spraying apparatus in general B05B) |
| 11/00 | Fumigators; Apparatus for distributing gases |
| 13/00 | Fire amounting to a gas bomb |
| 15/00 | Flame-throwers specially adapted for purposes covered by this subclass (flame-throwers in general F41H 9/00) |
| 17/00 | Apparatus for the destruction of vermin in soil or in foodstuffs |
| 19/00 | Apparatus for the destruction of noxious animals, other than insects, by hot water, steam, hot air, or electricity (electric circuits therefor H05C) |
| 21/00 | Apparatus for the destruction of unwanted vegetation, e.g. weeds (biocides, plant growth regulators A01N 25/00 to A01N 65/00; spraying or atomising apparatus in general B05B; soil-conditioning or soil-stabilising materials C09K 17/00; control of undesirable vegetation on roads or permanent ways of railways E01H 11/00) |
| 23/00 | Traps for animals |
| 25/00 | Devices for dispensing poison for animals (A01M 27/00 takes precedence; for insects A01M 1/20) [3] |
| 27/00 | Apparatus having projectiles or killing implements projected to kill the animal, e.g. pierce or shoot, and triggered thereby [3] |
| 29/00 | Scaring devices, e.g. bird-scaring apparatus |
| 31/00 | Hunting appliances |
| 99/00 | Subject matter not provided for in other groups of this subclass [8] |
A01N

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

1/00 Preservation of bodies of humans or animals, or parts thereof (preservation of foodstuffs A23; medicinal preparations containing materials from mammals or birds, e.g. blood, sperm, A61K 35/12; cell or tissue culture C12N 5/00)

1/02 Preservation of living parts

3/00 Preservation of plants or parts thereof, e.g. inhibiting evaporation, improvement of the appearance of leaves (preservation of foodstuffs A23; preservation or chemical ripening of fruit or vegetables A23B 7/00); Grafting wax

Biocides; Pest repellants or attractants; Plant growth regulators [3]

Notes

(1) Attention is drawn to the definitions of groups of chemical elements following the title of section C. [3]

(2) In groups A01N 27/00 to A01N 65/00, in the absence of an indication to the contrary, an active ingredient is classified in the last appropriate place. [3]

(3) A composition, i.e. a mixture of two or more active ingredients is classified in the last of groups A01N 27/00 to A01N 65/00 that provides for at least one of these active ingredients. [8]

(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 to A01N 65/00. The part can be either a single ingredient or a composition in itself. [8]

(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 to 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”. [8]

(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. [3]

(7) Compounds covered by different main groups according to alternatively specified parts of their formulae are classified in every one of the relevant main groups. [3]

(8) Salts formed between two or more organic compounds are classified as the compound providing the essential ion and it is also classified as the compound providing the other ion. [3]

(9) Salts or metal chelates of an organic compound are classified as that compound. [3]

(10) In this subclass, a foodstuff is not considered as an active ingredient. [3]

(11) Different materials applied in sequence, at different times, are considered as a mixture of all materials employed. [3]

(12) Synergistic or potentiated compositions are classified as if the synergist or potentiator were an active ingredient. [3]

(13) In groups A01N 25/00 to A01N 65/00, the symbol X means nitrogen, oxygen, sulfur or a halogen; Y means nitrogen, oxygen or sulfur. A dotted line between atoms indicates an optional bond, e.g.: indicates one or two single bonds or a double bond. [3]
Biocides, pest repellants or attractants, or plant growth regulators, characterised by their forms, or by their non-active ingredients or by their methods of application (apparatus for the destruction of noxious animals or noxious plants A01M; fungicidal, bactericidal, insecticidal, disinfecting or antiseptic paper D21H); Substances for reducing the noxious effect of the active ingredients to organisms other than pests [3]

- containing liquids as carriers, diluents or solvents [3]
- Dispersions or gels (foams A01N 25/16) [3]
- Aerosols [3]
- containing solids as carriers or diluents [3]
- Macromolecular compounds [3]
- Powders or granules (A01N 25/26 takes precedence) [3]
- wettable [3]
- Foams [3]
- Vapour or smoke emitting compositions with delayed or sustained release (fumigators A01M 13/00) [3]
- Combustible or heat-generating compositions [3]
- containing ingredients stabilising the active ingredients [3]
- containing ingredients to enhance the sticking of the active ingredients [3]
- in coated particulate form [3]
- characterised by the surfactants [3]
- Ingredients for reducing the noxious effect of the active substances to organisms other than pests, e.g. toxicity reducing compositions, self-destructing compositions [3]
- Shaped forms, e.g. sheets, not provided for in any other group of this main group [3]

Biocides, pest repellants or attractants, or plant growth regulators containing hydrocarbons [3]

Biocides, pest repellants or attractants, or plant growth regulators containing halogenated hydrocarbons [3]

Biocides, pest repellants or attractants, or plant growth regulators containing organic oxygen or sulfur compounds [3]

Biocides, pest repellants or attractants, or plant growth regulators containing organic nitrogen compounds [3]

Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds containing a carbon atom having two bonds to hetero atoms with at the most one bond to halogen, e.g. aldehyde radical [3]

Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds containing a carbon atom having three bonds to hetero atoms with at the most two bonds to halogen, e.g. carboxylic acids (containing cyclopropane carboxylic acids or derivatives thereof, e.g. cyclopropane carboxylic acid nitriles, A01N 53/00) [3]

- Saturated carboxylic acids or thio-analogues thereof; Derivatives thereof [3]
- Unsaturated carboxylic acids or thio-analogues thereof; Derivatives thereof [3]

- containing carboxylic groups or thio-analogues thereof, directly attached by the carbon atom to a cycloaliphatic ring; Derivatives thereof [3]
- Aromatic or aliphatic carboxylic acids, or thio-analogues thereof; Derivatives thereof [3]
- containing the group \(-\text{CO} - \text{O} - \text{C} \equiv \text{C}_n \equiv \text{Y} \equiv -\)
  wherein \(\text{C}_n\) means a carbon skeleton not containing a ring; Thio-analogues thereof [3]
- containing the group \(-\text{CO} - \text{O} - \text{C} = \text{X} \equiv -\)
  ; Thio-analogues thereof [3]
- containing the group \(-\text{CO} - \text{O} \equiv -\)
  ; Thio-analogues thereof [3]
- containing the group \(-\text{CO} - \text{N} = \text{C} \equiv \text{C}_n \equiv \text{Y} \equiv -\)
  wherein \(\text{C}_n\) means a carbon skeleton not containing a ring; Thio-analogues thereof [3]
- the nitrogen atom being directly attached to an aromatic ring system, e.g. anilides [3]
- containing the group \(-\text{CO} - \text{N} - \text{C} \equiv \text{X} \equiv -\)
  Thio-analogues thereof [3]
- containing the group \(-\text{CO} - \text{N} = \text{X} \equiv -\)
  Thio-analogues thereof [3]
- containing the groups \(-\text{CO} - \text{N}(\text{and} -\text{C} = \text{X} \equiv -\)
  both being directly attached by their carbon atoms to the same carbon skeleton, e.g. \(\text{H}_2\text{N} = \text{NH} - \text{CO} - \text{C}_6\text{H}_5 - \text{COOCH}_3\); Thio-analogues thereof [3]
- Cyclic imides of polybasic carboxylic acids or thio-analogues thereof [3]
- Nitriles [3]
- containing at least one carboxylic group or a thio-analogue, or a derivative thereof, and a singly bound oxygen or sulfur atom attached to the same carbon skeleton, this oxygen or sulfur atom not being a member of a carboxylic group or of a thio-analogue, or of a derivative thereof, e.g. hydroxy-carboxylic acids [3]
- containing within the same carbon skeleton a carboxylic group or a thio-analogue, or a derivative thereof, and a carbon atom having only two bonds to hetero atoms with at the most one bond to halogen, e.g. keto-carboxylic acids [3]
- containing at least one carboxylic group or a thio-analogue, or a derivative thereof, and a nitrogen atom attached to the same carbon skeleton by a single or double bond, this nitrogen atom not being a member of a derivative or of a thio-analogue of a carboxylic group, e.g. amino-carboxylic acids [3]
- containing \(\text{X} - \text{C} \equiv \text{N} - \text{groups}, \text{e.g. carboxylic acid amidines} [3]

Int.Cl. (8th edition, 2006) Vol. 1, Section A 19
Biocides, pest repellants or attractants, or plant growth regulators containing arylxy- or arylthio-
aliphatic or cycloaliphatic compounds, containing the group \( \text{Ar} - \text{O} - \text{C}_n - \text{Y} \) or \( \text{Ar} - \text{S} - \text{C}_n - \text{Y} \), e.g. phenoxymethylamine, phenylthio-acetonitrile, phenoxyacetone [3]

Note

In this group, the symbol \( \text{C}_n \) means a carbon skeleton, not containing an aromatic ring system wherein \( n \geq 2 \). [3]

Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds containing a sulfur atom bound to a hetero atom [3]

Biocides, pest repellants or attractants, or plant growth regulators containing heterocyclic compounds (containing cyclic anhydrides, cyclic imides A01N 37/00; containing compounds of the formula \( \text{X}_n \text{C}_n \text{N} = \text{C} \text{C} \), containing only one heterocyclic ring, wherein \( m \geq 1 \) and \( n \geq 0 \) and \( \text{N} \text{C} \text{C} \) is unsubstituted or alkylsubstituted pyrrolidine, piperidine, morpholine, thiomorpholine, piperazone or a polymethyleneimine with four or more \( \text{CH}_2 \) groups A01N 33/00 to A01N 41/00; containing cyclopropane carboxylic acids or derivatives thereof, e.g. esters having heterocyclic rings, A01N 53/00) [3]

Note

(1) In this group, the following terms or expressions are used with the meanings indicated:
- "hetero ring" is a ring having at least one halogen, nitrogen, oxygen or sulfur atom as a ring member;
- "bridged" means the presence of at least one fusion other than ortho, peri and spiro;
- two rings are "condensed" if they share at least one ring member, i.e. "spiro" and "bridged" are considered as condensed;
- "condensed ring system" is a ring system in which all rings are condensed among themselves. [3]

(2) In this group, the number of rings in a condensed ring system equals the number of scissions necessary to convert the ring system into one acyclic chain. The relevant rings in a condensed system are chosen according to the following criteria consecutively:
(i) lowest number of ring members;
(ii) highest number of hetero atoms as ring members. Ring members shared by two or more rings are regarded as being a member of each of these rings. [3]

Biocides, pest repellants or attractants, or plant growth regulators containing compounds containing the group \( \text{N} - \text{CO} - \text{N} ; \text{Thio-analogues thereof} \) [3]

Ureas or thioureas containing the groups \( \text{N} - \text{CO} - \text{N} \) or \( \text{N} - \text{CS} - \text{N} \) (isoureas, isothioureas A01N 47/40) [3]

the carbon atom having a double or triple bond to nitrogen, e.g. cyanates, cyamidates (inorganic cyanamides A01N 59/24) [3]

containing \( \text{S} - \text{C} - \text{N} \) groups (A01N 43/00 to A01N 47/28 take precedence) [3]

Biocides, pest repellants or attractants, or plant growth regulators containing compounds containing the group \( \text{X} - \text{C} - \text{N} - \text{O} - \text{X} \) wherein \( A \) means a carbon atom or \( Y, n \geq 0 \), and not more than one of these carbon atoms being a member of the same ring system, e.g. juvenile insect hormones or mimics thereof (containing hydrocarbons A01N 27/00) [3]

Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds having the sequences of atoms \( \text{X} = \text{N} - \text{S} - \text{N} - \text{S} - \text{N} - \text{O} - \text{H} \text{halogen} \), regardless of the number of bonds each atom has and with no atom of these sequences forming part of a heterocyclic ring [3]

Biocides, pest repellants or attractants, or plant growth regulators containing cyclopropane carboxylic acids or derivatives thereof [3]
<table>
<thead>
<tr>
<th>Int.Cl.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>55/00</td>
<td>Biocides, pest repellants or attractants, or plant growth regulators containing organic compounds containing elements other than carbon, hydrogen, halogen, oxygen, nitrogen and sulfur (containing organo-phosphorus compounds A01N 57/00) [3]</td>
</tr>
<tr>
<td>57/00</td>
<td>Biocides, pest repellants or attractants, or plant growth regulators containing organic phosphorus compounds [3]</td>
</tr>
<tr>
<td>59/00</td>
<td>Biocides, pest repellants or attractants, or plant growth regulators containing elements or inorganic compounds [3]</td>
</tr>
<tr>
<td>59/02</td>
<td>Sulfur; Selenium; Tellurium; Compounds thereof [3]</td>
</tr>
<tr>
<td>59/04</td>
<td>Carbon disulfide; Carbon monoxide; Carbon dioxide (treatment of plants with carbon dioxide A01G 7/02) [3]</td>
</tr>
<tr>
<td>59/06</td>
<td>Aluminium; Calcium; Magnesium; Compounds thereof [3]</td>
</tr>
<tr>
<td>59/08</td>
<td>Alkali metal chlorides; Alkaline earth metal chlorides [3]</td>
</tr>
<tr>
<td>59/10</td>
<td>Fluorides [3]</td>
</tr>
<tr>
<td>59/12</td>
<td>Iodine, e.g. iodophors; Compounds thereof [3]</td>
</tr>
<tr>
<td>59/14</td>
<td>Boron; Compounds thereof [3]</td>
</tr>
<tr>
<td>59/16</td>
<td>Heavy metals; Compounds thereof [3]</td>
</tr>
<tr>
<td>59/24</td>
<td>Cyanogen or compounds thereof, e.g. hydrogen cyanide, cyanic acid, cyanamide, thiocyanic acid [3]</td>
</tr>
<tr>
<td>59/26</td>
<td>Phosphorus; Compounds thereof [3]</td>
</tr>
<tr>
<td>61/00</td>
<td>Biocides, pest repellants or attractants, or plant growth regulators containing substances of unknown or undetermined composition, e.g. substances characterised only by the mode of action [3]</td>
</tr>
<tr>
<td>63/00</td>
<td>Biocides, pest repellants or attractants, or plant growth regulators containing micro-organisms, viruses, microbial fungi, enzymes, fermentates or substances produced by, or extracted from, micro-organisms or animal material (containing compounds of determined constitution A01N 27/00 to A01N 59/00) [3]</td>
</tr>
<tr>
<td>63/02</td>
<td>Fermentates or substances produced by, or extracted from, micro-organisms or animal material [3]</td>
</tr>
<tr>
<td>63/04</td>
<td>Microbial fungi or extracts thereof [3]</td>
</tr>
<tr>
<td>65/00</td>
<td>Biocides, pest repellants or attractants, or plant growth regulators containing plant material, e.g. mushrooms, derris root, or extracts thereof (containing compounds of determined constitution A01N 27/00 to A01N 59/00) [3]</td>
</tr>
</tbody>
</table>

**Notes**

(1) This subclass covers biocidal, pest repellent, pest attractant or plant growth regulatory activity of chemical compounds or preparations already classified as such in subclasses A01N or C12N, or in classes C01, C07 or C08. [8]

(2) Attention is drawn to the notes following the title of subclass A01N, which are also applicable to this subclass. [8]

(3) In this subclass, activity is classified in all appropriate places. [8]

(4) The classification symbols of this subclass are not listed first when assigned to patent documents. [8]
FOODSTUFFS; TOBACCO

A21 BAKING; EQUIPMENT FOR MAKING OR PROCESSING DOUGHS; DOUGHS FOR BAKING [1,8]

Note
Processes using enzymes or micro-organisms in order to:
(i) liberate, separate or purify a pre-existing compound or composition, or to
(ii) treat textiles or clean solid surfaces of materials
are further classified in subclass C12S. [5]

A21B BAKERS’ OVENS; MACHINES OR EQUIPMENT FOR BAKING (domestic baking equipment A47J 37/00; combustion apparatus F23; domestic stoves or ranges being wholly or partly ovens F24B, F24C)

<table>
<thead>
<tr>
<th>1/00</th>
<th>Bakers’ ovens</th>
<th>3/00</th>
<th>Parts or accessories of ovens</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/40</td>
<td>. characterised by the means for regulating the temperature (temperature-sensitive elements G01K)</td>
<td>5/00</td>
<td>Baking apparatus for special goods; Other baking apparatus</td>
</tr>
<tr>
<td>2/00</td>
<td>Baking apparatus employing high-frequency or infra-red heating</td>
<td>7/00</td>
<td>Baking plants</td>
</tr>
</tbody>
</table>

A21C MACHINES OR EQUIPMENT FOR MAKING OR PROCESSING DOUGHS; HANDLING BAKED ARTICLES MADE FROM DOUGH

Subclass Index

WORKING DOUGH BEFORE BAKING
Mixing, kneading, homogenising..............1/00, 7/00
Shaping .............................................3/00, 11/00
Dividing; handling .........................5/00; 9/00, 11/00

APPARATUS PERMITTING DOUGH TO RISE...............13/00
OTHER MACHINES OR EQUIPMENT FOR MAKING OR PROCESSING DOUGH...............14/00
HANDLING BAKED ARTICLES .........................15/00

<table>
<thead>
<tr>
<th>1/00</th>
<th>Mixing or kneading machines for the preparation of dough (domestic mixing or kneading machines A47J 43/00, A47J 44/00)</th>
<th>9/00</th>
<th>Other apparatus for handling dough or dough pieces</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/00</td>
<td>Machines or apparatus for shaping batches of dough before subdivision</td>
<td>11/00</td>
<td>Other machines for forming the dough into its final shape before cooking or baking</td>
</tr>
<tr>
<td>5/00</td>
<td>Dough-dividing machines</td>
<td>13/00</td>
<td>Provers, i.e. apparatus permitting dough to rise</td>
</tr>
<tr>
<td>7/00</td>
<td>Machines which homogenise the subdivided dough by working other than by kneading</td>
<td>14/00</td>
<td>Machines or equipment for making or processing dough, not provided for in other groups of this subclass [8]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15/00</td>
<td>Apparatus for handling baked articles</td>
</tr>
</tbody>
</table>

A21D TREATMENT, e.g. PRESERVATION, OF FLOUR OR DOUGH FOR BAKING, e.g. BY ADDITION OF MATERIALS; BAKING; BAKERY PRODUCTS; PRESERVATION THEREOF [1,8]

Subclass Index

PRODUCTS BEFORE BAKING;
TREATMENT OR CONSERVATION THEREOF ..................10/00; 2/00 to 8/00

BAKING OF DOUGH ..................................................8/00
BAKERY PRODUCTS; PRESERVATION OR REFRESHING THEREOF ............13/00; 15/00, 17/00

<table>
<thead>
<tr>
<th>2/00</th>
<th>Treatment of flour or dough by adding materials thereto before or during baking (A21D 10/00 takes precedence) [2,8]</th>
<th>6/00</th>
<th>Other treatment of flour or dough before baking, e.g. cooling, irradiating, heating [2]</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/00</td>
<td>Preserving flour or dough before baking by storage in an inert atmosphere</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>-------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8/00</td>
<td>Methods for preparing dough or for baking (A21D 2/00 takes precedence)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8/02</td>
<td>Methods for preparing dough; Treating dough prior to baking (machines or equipment for making or processing dough A21C)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10/00</td>
<td>Batters, dough or mixtures before baking [2]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13/00</td>
<td>Finished or partly finished bakery products</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/00</td>
<td>Preserving finished bakery products; Improving (refreshing A21D 17/00; packaging or wrapping bakery products B65B, e.g. B65B 23/00, B65B 25/00) [2]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17/00</td>
<td>Refreshing bakery products (improving A21D 15/00) [2]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A22 BUTCHERING; MEAT TREATMENT; PROCESSING POULTRY OR FISH

A22B SLAUGHTERING

1/00 Apparatus for fettering animals to be slaughtered
3/00 Slaughtering or stunning (cutting in general B26)
5/00 Accessories for use during or after slaughtering
7/00 Slaughterhouse arrangements

A22C PROCESSING MEAT, POULTRY, OR FISH (preserving A23B; obtaining protein compositions for foodstuffs A23J 1/00; fish, meat or poultry preparations A23L; disintegrating, e.g. chopping meat, B02C 18/00; preparation of proteins C07K 1/00)

Subclass Index

PROCESSING MEAT
Apparatus for mixing, pounding, tenderising..............................5/00, 7/00, 9/00
Other apparatus .........................................................11/00 to 17/00

PROCESSING POULTRY ..............................................21/00

PROCESSING FISH OR SHELLFISH ............................25/00, 29/00

Processing meat
5/00 Apparatus for mixing meat, sausage-meat, or meat products (mixing in general B01F)
7/00 Apparatus for pounding, forming, or pressing meat, sausage-meat, or meat products
9/00 Apparatus for tenderising meat, e.g. ham
11/00 Sausage-making
13/00 Sausage casings
15/00 Apparatus for hanging-up meat or sausages (conveyers B65G)

17/00 Other devices for processing meat or bones
18/00 Plants, factories, or the like for processing meat (for processing poultry only A22C 21/00; for processing fish only A22C 25/00)
21/00 Processing poultry

Processing fish, including shellfish
25/00 Processing fish
25/14 Beheading, eviscerating, or cleaning fish
29/00 Processing shellfish, e.g. oysters, lobsters
**A23 FOODS OR FOODSTUFFS; THEIR TREATMENT, NOT COVERED BY OTHER CLASSES**

**Notes**

(1) Attention is drawn to the following places:
- C08B Polysaccharides, derivatives thereof
- C11 Animal or vegetable oils, fats, fatty substances or waxes
- C12 Biochemistry; beer, spirits, wine, vinegar
- C13 Sugar industry. [4]

(2) Processes using enzymes or micro-organisms in order to:
(i) liberate, separate or purify a pre-existing compound or composition, or to
(ii) treat textiles or clean solid surfaces of materials
are further classified in subclass C12S. [5]

**A23B PRESERVING, e.g. BY CANNING, MEAT, FISH, EGGS, FRUIT, VEGETABLES, EDIBLE SEEDS; CHEMICAL RIPENING OF FRUIT OR VEGETABLES; THE PRESERVED, RIPENED, OR CANNED PRODUCTS**

- **4/00 General methods for preserving meat, sausages, fish or fish products [2]**
  - 4/005 Preserving by heating [5]
  - 4/03 Drying; Subsequent reconstitution [5]
  - 4/044 Smoking; Smoking devices [5]
  - 4/06 Freezing; Subsequent thawing; Cooling [2]
  - 4/12 Preserving with acids; Acid fermentation [2]
  - 4/14 Preserving with chemicals not covered by groups A23B 4/02 or A23B 4/12 [2]
  - 4/26 Apparatus for preserving using liquids [5]
  - 4/32 Apparatus for preserving using solids [5]

- **5/00 Preservation of eggs or egg products** (preserving dough or bakery products A21D)
  - 5/005 Preserving by heating [5]

**A23C DAIRY PRODUCTS, e.g. MILK, BUTTER, CHEESE; MILK OR CHEESE SUBSTITUTES; MAKING THEREOF**

- **Note**
  - This subclass covers:
    - the chemical aspects of making dairy products; [3]
    - the apparatus used for performing techniques provided for therein, e.g. for concentration, evaporation, drying, preservation, or sterilisation, unless such apparatus is specifically provided for in another subclass, e.g. A01J for treatment of milk or cream for manufacture of butter or cheese. [3]

**Subclass Index**

- **DAIRY TECHNOLOGY .................................................. 1/00 to 7/00**
- **MILK PREPARATIONS; MILK SUBSTITUTES; CREAM; BUTTER .................................. 9/00; 11/00; 13/00; 15/00**
- **CHEESE; CHEESE SUBSTITUTES ................................. 19/00; 20/00**
- **BUTTERMILK; WHEY; OTHER DAIRY PRODUCTS ............................... 17/00; 21/00; 23/00**

**General dairy technology**

- **1/00 Concentration, evaporation or drying (A23C 3/00 takes precedence; products obtained thereby A23C 9/00; making butter powder A23C 15/00, cheese powder A23C 19/00; evaporating in general B01D 1/00) [3]**
  - 3/00 Preservation of milk or milk preparations (of cream A23C 13/00; of butter A23C 15/00; of cheese A23C 19/00)
  - 7/00 Other dairy technology
Dairy products; Processes specially adapted therefor

9/00 Milk preparations; Milk powder or milk powder preparations (A23C 21/00 takes precedence; preservation A23C 3/00; chocolate milk A23G 1/00; ice-cream, mixtures for preparation of ice-cream A23G 9/00; puddings, dry powder puddings A23L 1/187) [3]

9/12. Fermented milk preparations; Treatment using micro-organisms or enzymes (whey preparations A23C 21/00) [3]

9/13. using additives [3]

9/152. containing additives (fermented milk preparations containing additives A23C 9/15) [3]

11/00 Milk substitutes, e.g. coffee whitener compositions (cheese substitutes A23C 20/00; butter substitutes A23D; cream substitutes A23L 1/19)

A23D EDIBLE OILS OR FATS, e.g. MARGARINES, SHORTENINGS, COOKING OILS (animal feeding-stuffs A23K 1/00; foods or foodstuffs containing edible oils or fats A21D, A23C, A23G, A23L; obtaining, refining, preserving C11B, C11C; hydrogenation C11C 3/00)

7/00 Edible oil or fat compositions containing an aqueous phase, e.g. margarines [5]

7/005. characterised by ingredients other than fatty acid triglycerides [6]

7/015. Reducing calorie content; Reducing fat content [6]

7/02. characterised by the production or working-up [5]

7/06. Preservation of finished products [5]

9/00 Other edible oils or fats, e.g. shortenings, cooking oils [5]

9/007. characterised by ingredients other than fatty acid triglycerides [6]

9/02. characterised by the production or working-up [5]

9/06. Preservation of finished products [5]

A23F COFFEE; TEA; THEIR SUBSTITUTES; MANUFACTURE, PREPARATION, OR INFUSION THEREOF (coffee or tea pots A47G 19/00; tea infusers A47G 19/00; apparatus for making beverages, e.g. coffee or tea, A47J 31/00; coffee mills A47J 42/00)

3/00 Tea; Tea substitutes; Preparations thereof

3/06. Treating tea before extraction (reducing or removing alkaloid content A23F 3/00); Preparations produced thereby (tea extract preparations A23F 3/00) [3]

3/40. Tea flavour; Tea oil; Flavouring of tea or tea extract (synthetic tea flavours A23L 1/226) [3]

5/00 Coffee; Coffee substitutes; Preparations thereof [3]

5/24. Extraction of coffee (isolation of coffee flavour or coffee oil A23F 5/46); Coffee extracts (with reduced alkaloid content A23F 5/00); Making instant coffee (methods of roasting extracted coffee A23F 5/00) [3]

5/46. Coffee flavour; Coffee oil; Flavouring of coffee or coffee extract (synthetic coffee flavours A23L 1/226) [3]

A23G COCOA; COCOA PRODUCTS, e.g. CHOCOLATE; SUBSTITUTES FOR COCOA OR COCOA PRODUCTS; CONFECTIONERY; CHEWING GUM; ICE-CREAM; PREPARATION THEREOF [1,8]

Notes

(1) In this subclass, the following term is used with the meaning indicated:

– “ice-cream” includes any edible frozen or congealed semi-liquid or pasty substance, e.g. slush-ice. [2]

(2) In this subclass, subject matter which cannot be completely classified in a single one of the main groups should be classified in each relevant main group. [8]

1/00 Cocoa; Cocoa products, e.g. chocolate; Substitutes therefor (kitchen equipment for cocoa preparation A47J, e.g. apparatus for making beverages A47J 31/00)

1/02. Preliminary treatment, e.g. fermentation of cocoa (machines for roasting cocoa A23N 12/00)

1/04. Apparatus specially adapted for manufacture or treatment of cocoa or cocoa products (machines for roasting cocoa A23N 12/00; crushing or grinding apparatus in general B02C) [3]

1/30. Cocoa products, e.g. chocolate; Substitutes therefor [8]
A23G – A23L

A23J  PROTEIN COMPOSITIONS FOR FOODSTUFFS; WORKING-UP PROTEINS FOR FOODSTUFFS; PHOSPHATIDE COMPOSITIONS FOR FOODSTUFFS (fodder A23K; protein compositions or phosphatide compositions for pharmaceuticals A61K; phosphatides per se C07F 9/00; proteins per se C07K) [4]

1/00 Obtaining protein compositions for foodstuffs; Bulk opening of eggs and separation of yolks from whites (preparation of glue C09H) [4]

A23K  FODDER

1/00  Animal feeding-stuffs (detoxicating or removing bitter tastes from seeds, e.g. lupin seeds for fodder or food A23L 1/211)

1/02  from molasses
1/06  from distillers’ or brewers’ waste
1/08  from waste products of dairy plant
1/10  from meat, fish, or bones; from kitchen waste
1/14  from vegetable materials, e.g. potatoes or roots without ensilage (preserving food A23B, A23L)
1/16  supplemented with accessory food factors; Salt blocks

A23L  FOODS, FOODSTUFFS, OR NON-ALCOHOLIC BEVERAGES, NOT COVERED BY SUBCLASSES A21D OR A23B TO A23J; THEIR PREPARATION OR TREATMENT, e.g. COOKING, MODIFICATION OF NUTRITIVE QUALITIES, PHYSICAL TREATMENT (shaping or working, not fully covered by this subclass, A23P); PRESERVATION OF FOODS OR FOODSTUFFS, IN GENERAL (preservation of flour or dough for baking A21D) [4,8]

1/00  Foods or foodstuffs; Their preparation or treatment (preservation thereof in general A23L 3/00) [4]

1/01  General methods of cooking foods, e.g. by roasting or frying (methods specialized to particular food, see the relevant subclasses; apparatus for baking, roasting, grilling or frying A47J 37/00) [2]
1/015  Removal of unwanted matter, e.g. decodiorisation, detoxification (A23L 1/211 takes precedence) [4]
1/025  Physical treatment, e.g. with wave energy, irradiation, electrical means, magnetic fields (cooking A23L 1/01; preserving A23L 3/00, A23B) [4]
1/03  containing additives (A23L 1/05, A23L 1/30, A23L 1/308 take precedence) [4,5]

1/05  containing gelling or thickening agents (A23L 1/06 takes precedence) [5]
1/052  of vegetable origin [5]
1/0522  Starch; Modified starch; Starch derivatives, e.g. esters, ethers [5]
1/06  Marmalades; Lams; Jellies; Other similar fruit or vegetable compositions; Simulated fruit products [4]
1/076  Products from apiculture, e.g. royal jelly or pollen (apiculture A01K 47/00 to A01K 59/00); Substitutes therefor [4]

Int.Cl. (8th edition, 2006) Vol. 1, Section A

27
1/09. containing carbohydrate syrups; containing sugars; containing sugar alcohols, e.g. xylitol; containing starch hydrolysates, e.g. dextrin (A23L 1/076, A23L 1/236 take precedence) [4,5]

1/10. containing cereal-derived products (treating or baking of doughs containing flour A21D) [2]

1/105. Fermentation of farinaceous cereal or cereal material; Addition of enzymes or micro-organisms (A23L 1/16, A23L 1/185, A23L 1/238 take precedence) [4]

1/16. Types of pasta, e.g. macaroni, noodles (machines for making A21C; devices for drying F26B) [2]

1/162. Par-boiled or instant pasta [4]

1/164. Flakes or other shapes of the ready-to-eat type (A23L 1/18 takes precedence) [2]

1/168. Cereal granules or flakes to be cooked and eaten hot, e.g. oatmeal [2]

1/172. Cereal germ products [2]

1/176. Farinaceous granules for dressing meat, fish or the like [2]

1/18. Puffed cereals, e.g. popcorn, puffed rice

1/182. Products in which the original granular shape is maintained, e.g. par-boiled rice [2]

1/185. Malt products (malt products of pulse A23L 1/202; preparation of malt for brewing C12C) [2]

1/187. Puddings; Dry powder puddings [2]

1/19. Cream substitutes (milk substitutes, coffee whiteners compositions A23C 11/00) [2]

1/20. Treatment of pulse, i.e. fruits of leguminous plants, for production of fodder or food; Preparation of products from legumes; Chemical means for rapid cooking of these foods, e.g. treatment with phosphates (animal foods A23K) [2]


1/202. Malt products; Fermented malt products (A23L 1/22 takes precedence; malt products of cereals A23L 1/185) [2]

1/211. Removing bitter or other undesirable substances [4]

1/212. Preparation of fruits or vegetables (of pulse A23L 1/20; treating harvested fruit or vegetables in bulk A23N) [2]

1/214. of tuberous or like starch containing root crops [2]

1/218. by pickling, e.g. sauerkraut, pickles [2]

1/22. Spices; Flavouring agents or condiments; Artificial sweetening agents; Table salts; Dietary salt substitutes [2,5]

1/221. Natural spices, flavouring agents, or condiments; Extracts thereof (natural coffee or tea flavour A23F 3/40, A23F 5/46) [2]

1/226. Synthetic spices or flavouring agents or condiments [2]

1/236. Artificial sweetening agents [2]

1/237. Table salts; Dietary salt substitutes [2]

1/238. Soya sauce [2]

1/24. Salad dressings; Mayonnaise; Ketchup [2]

1/27. Colouring or decolouring of foods [2]

1/28. Edible extracts or preparations of fungi (for medicinal purposes A61K)

1/29. Modifying nutritive qualities of foods; Dietetic products (A23L 1/09 takes precedence; dietetic salt substitutes A23L 1/22; enriched flour A21D 2/60; milk preparations A23C 9/00) [4,5]

1/30. containing additives (A23L 1/308 takes precedence) [2]


1/304. Inorganic salts, minerals, trace elements [4]

1/305. Amino acids, peptides or proteins (working-up proteins for foodstuffs A23J 3/00) [4]

1/307. Reducing nutritive value; Dietetic products with reduced nutritive value [4]

1/308. Addition of substantially indigestible substances, e.g. dietary fibres (A23L 1/05 takes precedence) [4,5]

1/31. Meat products; Meat meal (working-up proteins for foodstuffs A23J 3/00) [4]

1/314. containing additives [4]

1/315. Poultry products, e.g. poultry sausages [2]

1/317. Commiuted or emulsified meat products, including sausages; Reformeled meat from comminuted meat products [4]

1/318. Tenderised or flavoured meat pieces, e.g. obtained by injecting solutions; Macerating solutions [4]

1/32. Egg products [2]

1/325. Food-from-the-sea products; Fish products; Fish meal; Fish-egg substitutes [4]

1/326. Fish meal or powder; Granules, agglomerates or flakes [4]

1/327. Fish extracts [4]

1/328. Fish eggs, e.g. caviar; Fish-egg substitutes [4]

1/33. Shell-fish [2]

1/333. Molluscs [2]

1/337. Edible seaweed [2]

1/36. Food consisting mainly of nut meats or seeds [2]

1/39. Soups; Sauces (A23L 1/238, A23L 1/24 take precedence) [4]

1/48. Food compositions or treatment thereof not covered by the preceding subgroups [4]

2/00. Non-alcoholic beverages; Dry compositions or concentrates therefor; Their preparation (soup concentrates A23L 1/39; preparation of non-alcoholic beverages by removal of alcohol C12H 3/00) [2]

2/02. containing fruit or vegetable juices [2]

2/38. Other non-alcoholic beverages (milk products A23C; coffee, tea or their substitutes A23F) [2,6]


2/40. Effervescence-generating compositions [2]

2/42. Preservation of non-alcoholic beverages [6]

2/52. Adding ingredients (adding preservatives A23L 2/42) [6]

2/70. Clarifying or fining of non-alcoholic beverages; Removing unwanted matter (purifying water C02F, e.g. by ion-exchange C02F 1/42) [6]

3/00. Preservation of foods or foodstuffs, in general, e.g. pasteurising, sterilising, specially adapted for foods or foodstuffs (preservation of flour or bread A21D; processes specially adapted for particular foods or foodstuffs, see the relevant groups for the foods or foodstuffs in A23; preserving foods or foodstuffs in association with packaging B65B 55/00; preservation of alcoholic beverages C12H)

3/005. by heating using irradiation or electric treatment (drying or kilning A23L 3/40) [5]

3/015. by treatment with pressure variation, shock, acceleration or shear stress [5]

3/02. by heating materials in packages which are progressively transported, continuously or stepwise, through the apparatus (A23L 3/005 takes precedence) [5]

3/10. by heating materials in packages which are not progressively transported through the apparatus (A23L 3/005 takes precedence) [5]
by heating loose unpacked materials (A23L 3/005 takes precedence) [5]
by irradiation without heating
by treatment with electric currents without heating effect
by treatment with chemicals

A23L – A23P

MACHINES OR APPARATUS FOR TREATING HARVESTED FRUIT, VEGETABLES, OR FLOWER BULBS IN BULK, NOT OTHERWISE PROVIDED FOR; PEELING VEGETABLES OR FRUIT IN BULK; APPARATUS FOR PREPARING ANIMAL FEEDING-STUFFS (machines for cutting straw or fodder A01F 29/00; disintegrating, e.g. shredding, B02C; severing, e.g. cutting, splitting, slicing, B26B, B26D)

Subclass Index
APPARATUS FOR DRAINING ................................................ 1/00
MACHINES FOR STONING OR REMOVING SEED CONTAINING SECTIONS .................................................. 3/00, 4/00
MACHINES FOR HULLING, HUSKING,
CRACKING, OR PEELING ...................................................... 5/00, 7/00
APPARATUS FOR PREPARING ANIMAL FEEDING-STUFFS ................................................................. 17/00
MACHINES FOR OTHER TREATMENT .............................. 11/00 to 15/00

1 / 00 Machines or apparatus for extracting juice
(preparation of non-alcoholic beverages, e.g. by adding ingredients to fruit or vegetable juices, A23L 2/00; apparatus for making beverages A47J 31/00; extracting presses B30B)

3 / 00 Machines for coring or stoning fruit, characterised by their feeding device (A23N 4/00 takes precedence) [2]

4 / 00 Machines for stoning fruit or removing seed-containing sections from fruit, characterised by their stoning or removing device (for peeling fruit and removing seed-containing sections A23N 7/00; domestic devices for stoning fruit A47J 23/00, for coring fruit A47J 25/00) [2,3]

5 / 00 Machines for hulling, husking, or cracking nuts

7 / 00 Peeling vegetables or fruit (devices for skinning onions A23N 15/00; peeling machines of the household type A47J 17/00) [3]

A23P

SHAPING OR WORKING OF FOODSTUFFS, NOT FULLY COVERED BY A SINGLE OTHER SUBCLASS (shaping substances in a plastic state in general B29C)

Note
Attention is drawn to subclasses A01J, A21C, A22C, A47J, B02C, in addition to other subclasses of A23, in connection with the shaping or working of foodstuffs.

1 / 00 Shaping or working of foodstuffs
1 / 02 . Agglomerating; Granulating; Tablettting [4]
1 / 04 . Encapsulation of particles, e.g. foodstuff additives (flavouring agents A23L 1/22) [4]
1 / 06 . Making free-flowing or instant powder (A23P 1/02, A23P 1/04 take precedence) [4]

1 / 08 . Coating of foodstuffs; Coatings therefor; Making of laminated, multilayered or stuffed foodstuffs [4]
1 / 10 . Other shaping methods, e.g. moulding [4]
A24 TOBACCO; CIGARS; CIGARETTES; SMOKERS’ REQUISITES

A24B MANUFACTURE OR PREPARATION OF TOBACCO FOR SMOKING OR CHEWING; TOBACCO; SNUFF

Subclass Index

PREPARATION.................................................................1/00, 3/00
STRIPPING; CUTTING; HUMIDIFYING..........................5/00; 7/00; 3/00, 9/00
TWISTING MACHINES ..................................................11/00
CHEMICAL TREATMENT ...........................................15/00
TOBACCO ..............................................................13/00

1/00 Preparation of tobacco on the plantation (harvesters for tobacco A01D 45/00)
3/00 Preparing tobacco in the factory
5/00 Stripping tobacco; Treatment of stems or ribs (humidifying A24B 3/00)
7/00 Cutting tobacco (hand-cutting tools B26B; slicing in general B26D 1/00, B26D 3/00)
9/00 Control of the moisture content of tobacco products, e.g. cigars, cigarettes, pipe tobacco (devices for use by the smoker for controlling the moisture content of tobacco products A24F 25/00)
11/00 Tobacco-twisting machines
13/00 Tobacco for pipes, for cigars, e.g. cigar inserts, or for cigarettes; Chewing tobacco; Snuff (mechanical treatment A24B 3/00 to A24B 11/00; reconstituted tobacco products A24B 3/00; chemical features or treatment of tobacco A24B 15/00)
15/00 Chemical features or treatment of tobacco; Tobacco substitutes (A24B 3/00 takes precedence)

A24C MACHINES FOR MAKING CIGARS OR CIGARETTES

Making cigars

1/00 Elements of cigar manufacture (combinations of two or more elements of cigar manufacture A24C 3/00; attaching or incorporating filters or mouthpieces A24C 5/00; cutting machines in general B26D)
3/00 Complete manufacture of cigars; Combinations of two or more elements of cigar manufacture

5/00 Making cigarettes; Making tipping materials for, or attaching filters or mouthpieces to, cigars or cigarettes [3]
5/32 . Separating, ordering, counting, or examining cigarettes (in relation to packaging B65B 19/00); Regulating the feeding of tobacco according to rod or cigarette condition (investigating or analysing materials by determining their chemical or physical properties G01N; controlling in general G05)

A24D CIGARS; CIGARETTES; TOBACCO SMOKE FILTERS; MOUTHPIECES FOR CIGARS OR CIGARETTES; MANUFACTURE OF TOBACCO SMOKE FILTERS OR MOUTHPIECES

1/00 Cigars; Cigarettes

3/00 Tobacco smoke filters, e.g. filter-tips, filtering inserts (filters in general B01D); Mouthpieces for cigars or cigarettes (for pipes, for cigar or cigarette holders A24F 7/00) [3]

A24F SMOKERS’ REQUISITES; MATCH BOXES (lighters F23Q)

Subclass Index

TOBACCO PIPES; MOUTHPIECES
General structure..............................................................1/00
Special pipes ...............................................................1/00, 3/00
Bowls; mouthpieces .....................................................5/00; 7/00
Accessories; seasoning....................................................9/00; 11/00

APPLIANCES FOR SMOKING CIGARS OR CIGARETTES..........................................................13/00, 15/00, 17/00
MATCH RECEPTACLES OR BOXES........................................27/00, 29/00
OTHER SMOKERS’ REQUISITES........................................19/00 to 25/00, 31/00, 47/00
<table>
<thead>
<tr>
<th>Int.Cl.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00</td>
<td>Tobacco pipes (bee-keepers’ pipes A01K 55/00)</td>
</tr>
<tr>
<td>3/00</td>
<td>Tobacco pipes combined with other objects (smoking appliances on walking sticks or canes A45B 3/00)</td>
</tr>
</tbody>
</table>

**Component parts or accessories for pipes; Mouthpieces**

| 5/00   | Bowls for pipes |
| 7/00   | Mouthpieces for pipes; Mouthpieces for cigar or cigarette holders |
| 9/00   | Accessories for smokers’ pipes (cleaning devices for pipes combined with pipes A24F 3/00; tobacco stoppers in combination with tobacco cases A24F 23/00) |

| 11/00  | Seasoning of tobacco pipes |
| 13/00  | Appliances for smoking cigars or cigarettes (cigar cutters, slitters or perforators, combined with hand shears or scissors B26B 13/00) |
| 15/00  | Cigar or cigarette receptacles or boxes (adaptations for use in vehicles B60N 3/00; packages B65D) |

| 17/00  | Receptacles for cigarette papers |

**Other smokers’ requisites**

| 19/00  | Ash-trays (arrangements in vehicle passenger accommodation B60N 3/08) |
| 21/00  | Stands for smokers’ requisites |
| 23/00  | Cases for tobacco, snuff, or chewing tobacco |
| 25/00  | Devices used by the smoker for controlling the moisture content of, or for scenting, cigars, cigarettes or tobacco (humidifying in the factory A24B 3/00) |
| 27/00  | Match receptacles or boxes (packages B65D; composition of strike-surfaces, matches C06F) |
| 29/00  | Devices for igniting matches; Holders for ignited matches |
| 31/00  | Pipe-spills; Devices for splitting matches |
| 47/00  | Smokers’ requisites not provided for elsewhere |
## PERSONAL OR DOMESTIC ARTICLES

### A41 WEARING APPAREL

#### A41B SHIRTS; UNDERWEAR; BABY LINEN; HANDKERCHIEFS

**Subclass Index**

<table>
<thead>
<tr>
<th>Subclass</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00</td>
<td>Shirts</td>
</tr>
<tr>
<td>3/00</td>
<td>Collars (A41B 1/00 takes precedence)</td>
</tr>
<tr>
<td>5/00</td>
<td>Fold-line formings for collars or cuffs (folding collar or cuff edges while manufacturing A41H 33/00)</td>
</tr>
<tr>
<td>7/00</td>
<td>Cuffs (A41B 1/00, A41B 3/00 take precedence; cuff links A44B 5/00)</td>
</tr>
<tr>
<td>9/00</td>
<td>Undergarments (corsets, brassières A41C; protective undergarments combined with swabs or absorbent pads or specially adapted for supporting them A61F 13/15)</td>
</tr>
</tbody>
</table>

#### A41C CORSETS; BRASSIÈRES

<table>
<thead>
<tr>
<th>Subclass</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00</td>
<td>Corsets or girdles (corset fasteners A41F 1/00; orthopaedic corsets A61F 5/02)</td>
</tr>
<tr>
<td>3/00</td>
<td>Brassières</td>
</tr>
</tbody>
</table>

#### A41D OUTERWEAR; PROTECTIVE GARMENTS; ACCESSORIES (eye or ear protectors A61F 9/00, A61F 11/00; sweating suits A61H 36/00)

**Note**

In this subclass, the following term is used with the meaning indicated:

- “outerwear” covers dressing-gowns, bathing costumes and pyjamas.

**Subclass Index**

<table>
<thead>
<tr>
<th>Subclass</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00</td>
<td>Garments (for children A41D 11/00)</td>
</tr>
<tr>
<td>1/06</td>
<td>Trousers</td>
</tr>
<tr>
<td>3/00</td>
<td>Overgarments (fur garments A41D 5/00; for children A41D 11/00; professional or sporting protective garments A41D 13/00)</td>
</tr>
<tr>
<td>5/00</td>
<td>Fur garments; Garments of fur substitutes</td>
</tr>
<tr>
<td>7/00</td>
<td>Bathing gowns; Swim-suits, drawers, or trunks; Beach suits (bathing caps A42B 1/04)</td>
</tr>
<tr>
<td>10/00</td>
<td>Pyjamas; Nightdresses [3]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Subclass</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/00</td>
<td>Garments for children</td>
</tr>
<tr>
<td>13/00</td>
<td>Professional, industrial or sporting protective garments, e.g. garments affording protection against blows or punches, surgeons’ gowns (helmets A42B 3/00; clothing affording protection against chemical agents or for use at high altitudes A62B 17/00; life-saving garments for use at sea, diving suits B63C; bulletproof or armoured clothing F41H; clothing affording protection against radiation G21F 3/00; electric heating elements H05B)</td>
</tr>
<tr>
<td>13/002</td>
<td>with controlled internal environment [7]</td>
</tr>
</tbody>
</table>
with controlled temperature [7]
protecting against electric shocks or static electricity [7]
with reflective or luminous safety means [7]
for aquatic activities, e.g. with buoyancy aids [7]
with shock-absorbing means (A41D 13/05 takes precedence) [7]
Overall
Aprons; Fastening devices for aprons
protecting only a particular body part (sports brassières A41C 3/00) [7]
Surgeons’ or patients’ gowns or dresses [3]
Convertible garments (for travelling or camp articles A45F 4/00)
Gaiters; Spats
Gloves (operating gloves A61B 19/00; swimming gloves A63B 31/00; as accessories for games or sports, e.g. baseball, boxing or golf gloves, A63B 71/08; gloves for glove-boxes B25J 21/00) [1,7]
Protective gloves [7]
Arrangements for cutting-out, or shapes of, glove blanks
Appliances for making gloves; Measuring devices for glove-making
Wristbands or headbands, e.g. for absorbing sweat (hat fittings A42C 5/00) [5]
Scarves; Head-scarves; Neckerchiefs
Neckties
Details of garments or of their making (haberdashery A44)
Linings
Pockets; Making or setting-in pockets
Uniforms; Parts or accessories of uniforms
Selection of special materials for outerwear

A41D – A41G

A41F GARMENT FASTENINGS; SUSPENDERS

Subclass Index

FASTENING DEVICES............................................................. 1/00
SUSPENDERS FOR TROUSERS OR SKIRTS........ 3/00, 5/00, 7/00, 9/00, 18/00
STOCKING OR SOCK SUSPENDERS .............. 11/00, 13/00, 18/00

1/00 Fastening devices specially adapted for garments (fastening devices in general A44B)
11/00 Stocking or sock suspenders
3/00 Braces
13/00 Other devices for supporting or holding stockings or socks during wear
5/00 Trouser supports attached to the shirt, waistcoat, or the like
15/00 Shoulder or like straps
7/00 Devices for connecting underpants to trousers
17/00 Means for holding-down garments
9/00 Belts, girdles, or waistbands for trousers or skirts
18/00 Garment suspenders covered by two or more of groups A41F 3/00 to A41F 17/00
19/00 Garment suspenders not otherwise provided for

A41G ARTIFICIAL FLOWERS; WIGS; MASKS; FEATHERS

Subclass Index

ARTIFICIAL FLOWERS........................................................... 1/00
WIGS................................................................................. 3/00, 5/00
MASKS ...................................................................................... 7/00
FEATHERS ......................................................................... 9/00, 11/00

1/00 Artificial flowers, fruit, leaves, or trees (artificial christmas trees A47G 33/00); Garlands
7/00 Masks or dominoes for concealing identity, e.g. for theatrical use
3/00 Wigs (for dolls only A63H 3/00)
9/00 Adornments of natural feathers; Working natural feathers (treatment of bed feathers B68G 3/00, D06M)
5/00 Hair pieces, inserts, rolls, pads, or the like; Toupées
11/00 Artificial feathers
A41H

A41H APPLIANCES OR METHODS FOR MAKING CLOTHES, e.g. FOR DRESS-MAKING, FOR TAILORING, NOT OTHERWISE PROVIDED FOR (machines, appliances or methods for making particular articles of apparel, see the relevant groups for these articles in A41B to A41F; cutting tools or machines in general B26; weaving, braiding, lace-making, knitting, tufting, treating of textiles D03 to D06; sewing-machines, sewing appliances, scam-ripping devices D05B; cutting or otherwise severing textile materials D06H 7/00)

Subclass Index

METHODS; DEVICES OR ACCESSORIES

Measuring ............................................... 1/00, 3/00, 5/00
Tracing .................................................... 1/00, 3/00, 5/00, 11/00, 23/00
Fitting ........................................................ 5/00, 21/00
Finishing, mending ............................. 9/00, 25/00, 27/00, 31/00

1/00 Measuring aids or methods (making patterns by modelling on the human body A41H 3/00; measuring persons for identification purposes A61B 5/117; measuring in general G01, e.g. G01B)

3/00 Patterns for cutting-out; Methods of drafting or marking-out such patterns, e.g. on the cloth (woven fabrics characterised by the special disposition of the warp or weft threads D03D 13/00)

5/00 Dress forms; Bust forms; Stands (for display purposes A47F 8/00)

9/00 Devices or methods for trimming, levelling, or straightening the hems of garments (on sewing machines D05B)

11/00 Tracing-wheels

15/00 Cloth-holders

17/00 Cushions for needles or pins (A41H 19/00 takes precedence)

19/00 Boxes for needles or pins

21/00 Supports for the body whilst trying-on or fitting

23/00 Devices for applying chalk; Sharpening or holding chalk (writing or drawing implements B43)

25/00 Appliances or methods for marking-out, perforating, or making buttonholes (by sewing D05B)

27/00 Mending garments by adhesives or adhesive patches

31/00 Other aids for tailors

33/00 Machines or appliances for folding the edges of collars, cuffs, or the like while manufacturing (turning inside-out only D06G 3/00)

37/00 Machines, appliances or methods for setting fastener-elements on garments (for shoes A43D 100/00; by sewing D05B)

41/00 Machines or appliances for making garments from natural or artificial fur (fur garments A41D 5/00)

42/00 Multi-step production lines for making clothes (sewing units consisting of combinations of several sewing machines D05B 25/00) [3]

43/00 Other methods, machines, or appliances
A42 HEADWEAR

A42B HATS; HEAD COVERINGS (headbands, head-scarves A41D 20/00, A41D 23/00)

1/00 Hats; Caps; Hoods
1/04 Soft caps; Hoods

3/00 Helmets; Helmet covers (hoods as protection against chemical agents or for use at high altitudes A62B 17/00; gas helmets A62B 18/00; swimming helmets A63B 33/00; defence protection helmets F41H 1/00)
3/04 Parts, details or accessories of helmets [5]

A42C MANUFACTURING OR TRIMMING HATS OR OTHER HEAD COVERINGS

1/00 Manufacturing hats
2/00 Manufacturing helmets by processes not otherwise provided for [5]

3/00 Appliances for hat-making not provided for in group A42C 1/00, e.g. for making wire forms for hat-frames (sewing-machines for straw hats D05B; sewing-machines for making hat-brims D05B); Apparatus for changing the form or size of finished hats

3/18 Face protection devices [5]
3/32 Collapsible helmets; Helmets made of separable parts (A42B 3/04 takes precedence) [5]

5/00 Veils; Holders for veils

7/00 Fastening means for head coverings; Elastic cords; Ladies' hat fasteners (hat-pins A44B 9/00)

5/00 Fittings or trimmings for hats, e.g. hat-bands (artificial flowers, feathers A41G)

99/00 Subject matter not provided for in other groups of this subclass [8]
## A43 FOOTWEAR

### A43B CHARACTERISTIC FEATURES OF FOOTWEAR; PARTS OF FOOTWEAR

#### Subclass Index

<table>
<thead>
<tr>
<th>Characteristic features of footwear</th>
<th>Parts of footwear</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00 Footwear characterised by the material (layered products B32B)</td>
<td>13/00 Soles (socks A43B 17/00; detachable metal protecting-soles A43C 13/00); Sole and heel units</td>
</tr>
<tr>
<td>3/00 Footwear characterised by the shape or the use</td>
<td>13/02 . characterised by the material</td>
</tr>
<tr>
<td>3/10 . Low shoes; Slippers (sandals A43B 3/12)</td>
<td>13/14 . characterised by the constructive form</td>
</tr>
<tr>
<td>3/12 . Sandals; Strap guides thereon</td>
<td>13/18 . . Resilient soles</td>
</tr>
<tr>
<td>3/16 . Overshoes</td>
<td>13/38 . Insoles</td>
</tr>
<tr>
<td>5/00 Footwear for sporting purposes (non-skid devices, e.g. ice spurs, studs for football shoes, A43C 15/00)</td>
<td>13/42 . Filling materials located between the insole and outer sole; Stiffening materials</td>
</tr>
<tr>
<td>5/04 . Ski boots; Similar boots</td>
<td>15/00 Welts for footwear</td>
</tr>
<tr>
<td>5/16 . Skating boots</td>
<td>17/00 Socks (hosiery A41B 11/00; special medical insertions for shoes A61F 5/14)</td>
</tr>
<tr>
<td>7/00 Footwear with health or hygienic arrangements</td>
<td>19/00 Shoe-shaped inserts; Inserts covering the instep</td>
</tr>
<tr>
<td>7/14 . Footwear with foot-supporting parts</td>
<td>21/00 Heels; Top-pieces</td>
</tr>
<tr>
<td>7/32 . Footwear with shock-absorbing means (resilient soles A43B 13/18)</td>
<td>23/00 Uppers; Boot legs; Stiffeners; Other single parts of footwear</td>
</tr>
<tr>
<td>9/00 Footwear characterised by the assembling of the individual parts</td>
<td>23/02 . Uppers; Boot legs</td>
</tr>
<tr>
<td>11/00 Footwear with arrangements to facilitate putting-on or removing, e.g. with straps</td>
<td>19/00</td>
</tr>
</tbody>
</table>

### A43C FASTENINGS OR ATTACHMENTS FOR FOOTWEAR; LACES IN GENERAL

#### Subclass Index

<table>
<thead>
<tr>
<th>LACING</th>
<th>ACCESSORIES FOR SHOES</th>
<th>OTHER FASTENINGS FOR SHOES</th>
<th>OTHER ATTACHMENTS FOR FOOTWEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00 Shoe lacing fastenings (garment fastening devices A41F)</td>
<td>11/00 Other fastenings specially adapted for shoes (dress fastenings in general A44B)</td>
<td>13/00 Wear-resisting attachments</td>
<td>19/00 Attachments for footwear, not provided for in other groups of this subclass [8]</td>
</tr>
<tr>
<td>3/00 Hooks for laces (making from sheet metal B21D 53/00); Guards for hooks</td>
<td>15/00 Non-skid devices or attachments (apparatus for climbing poles, trees, or the like A63B 27/00)</td>
<td>17/00 Spurs</td>
<td></td>
</tr>
</tbody>
</table>
**A43D**  MACHINES, TOOLS, EQUIPMENT OR METHODS FOR MANUFACTURING OR REPAIRING FOOTWEAR [6]

**Note**

In this subclass, a method of manufacturing footwear which is dependent on a distinct machine or tool, is classified in the group covering the machine or tool for the manufacture.

**Subclass Index**

<table>
<thead>
<tr>
<th>Group</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00</td>
<td>MEASUREMENT OF FOOT OR LAST</td>
</tr>
<tr>
<td>3/00</td>
<td>LASTS</td>
</tr>
<tr>
<td>8/00</td>
<td>WORKING-UP UPPERS OR STIFFENERS</td>
</tr>
<tr>
<td>9/00 to 23/00</td>
<td>PULLING-OVER OR LASTING</td>
</tr>
<tr>
<td>25/00 to 83/00</td>
<td>MAKING OR PREPARING PARTS OF SHOES BEFORE ASSEMBLING</td>
</tr>
<tr>
<td>25/00, 44/00, 67/00, 86/00</td>
<td>Securing soles</td>
</tr>
<tr>
<td>67/00, 79/00, 81/00, 86/00</td>
<td>Securing heels</td>
</tr>
<tr>
<td>44/00</td>
<td>Securing welts</td>
</tr>
<tr>
<td>999/00</td>
<td>OTHER OPERATIONS SUBSEQUENT TO LASTING</td>
</tr>
<tr>
<td>63/00, 87/00 to 95/00</td>
<td>PERFORMING FINISHING OPERATIONS</td>
</tr>
<tr>
<td>25/00</td>
<td>Securing heels</td>
</tr>
<tr>
<td>39/00, 97/00, 98/00, 100/00</td>
<td>MAKING, SETTING, OR REMOVING ACCESSORIES</td>
</tr>
<tr>
<td>5/00, 61/00, 111/00 to 119/00</td>
<td>OTHER EQUIPMENT OR MECHANISMS FOR SHOEMAKING OR REPAIRING</td>
</tr>
<tr>
<td>999/00</td>
<td>SUBJECT MATTER NOT PROVIDED FOR IN OTHER GROUPS OF THIS SUBCLASS</td>
</tr>
</tbody>
</table>

**Measuring devices; Lasts; Tools**

<table>
<thead>
<tr>
<th>Group</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00</td>
<td>Foot or last measuring devices; Measuring devices for shoe parts</td>
</tr>
<tr>
<td>3/00</td>
<td>Lasts</td>
</tr>
<tr>
<td>5/00</td>
<td>Hand appliances or hand tools for making or repairing shoes, other than those covered by groups A43D 15/00, A43D 19/00, A43D 95/00, A43D 100/00, A43D 117/00</td>
</tr>
<tr>
<td>8/00</td>
<td>Machines for cutting, ornamenting, marking or otherwise working up shoe part blanks (pulling-over or lasting A43D 9/00 to A43D 23/00; making or fastening soles, heels or welts A43D 25/00 to A43D 83/00) [3]</td>
</tr>
</tbody>
</table>

**Pulling-over or lasting**

<table>
<thead>
<tr>
<th>Group</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/00</td>
<td>Devices for binding the uppers upon the lasts (for the toe ends A43D 15/00)</td>
</tr>
<tr>
<td>11/00</td>
<td>Machines for preliminary treatment or assembling of upper-parts, counters, or insoles on their lasts preparatory to the pulling-over or lasting operations; Applying or removing protective coverings</td>
</tr>
<tr>
<td>13/00</td>
<td>Machines for pulling-over the uppers when loosely laid upon the last and tacking the toe end</td>
</tr>
<tr>
<td>15/00</td>
<td>Pulling-over or lasting machines for binding the toe end with cord, string, or wire; Machines for lasting with clamps; Lasting machines with sewing devices, also for platform shoes (special sewing machines for leather or shoes D05B)</td>
</tr>
<tr>
<td>17/00</td>
<td>Pulling-over or lasting machines with oscillating shoe supports</td>
</tr>
<tr>
<td>19/00</td>
<td>Hand lasting; Lasting pincers</td>
</tr>
<tr>
<td>21/00</td>
<td>Lasting machines</td>
</tr>
<tr>
<td>23/00</td>
<td>Single parts for pulling-over or lasting machines (nailing devices A43D 75/00)</td>
</tr>
</tbody>
</table>

**Making or fastening soles, heels, or welts, or preparing same for fastening to the shoe; Carrying out other operations subsequent to lasting: Turning** (sewing D05B)

<table>
<thead>
<tr>
<th>Group</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>25/00</td>
<td>Devices for gluing shoe parts</td>
</tr>
<tr>
<td>27/00</td>
<td>Machines for trimming as an intermediate operation (working on edges or margins, e.g. by trimming, of shoe part blanks A43D 8/00; trimming as a finishing operation in shoemaking A43D 87/00)</td>
</tr>
<tr>
<td>29/00</td>
<td>Machines for making soles from strips of material</td>
</tr>
<tr>
<td>31/00</td>
<td>Machines for making or inserting shank stiffeners</td>
</tr>
<tr>
<td>33/00</td>
<td>Machines for assembling lifts for heels (cutting-out heel lifts A43D 8/00)</td>
</tr>
<tr>
<td>35/00</td>
<td>Presses for shaping pre-existing loose soles, shoe bottoms, or soles fixed to shoe bottoms (gluing soles on shoe bottoms A43D 25/00)</td>
</tr>
<tr>
<td>37/00</td>
<td>Machines for roughening soles or other shoe parts preparatory to gluing</td>
</tr>
<tr>
<td>39/00</td>
<td>Machines for making foot-supporting pads or instep-raisers for flat feet</td>
</tr>
<tr>
<td>43/00</td>
<td>Machines for making stitch lips, or other preparatory treatment of soles or insoles before fixing same (flexing of soles or insoles A43D 8/00)</td>
</tr>
<tr>
<td>44/00</td>
<td>Machines for attaching welts or rands</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>---------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>47/00</td>
<td>Machines for trimming or butting welts fixed on uppers</td>
</tr>
<tr>
<td>49/00</td>
<td>Machines for pounding</td>
</tr>
<tr>
<td>51/00</td>
<td>Machines for lip-setting</td>
</tr>
<tr>
<td>53/00</td>
<td>Machines for trimming-off surplus material along the inseam</td>
</tr>
<tr>
<td>55/00</td>
<td>Machines for flattening, pressing, or rubbing the inseams of lasted shoes</td>
</tr>
<tr>
<td>57/00</td>
<td>Machines for attaching the welt ends</td>
</tr>
<tr>
<td>59/00</td>
<td>Machines for rasping the lasting-margins of shoes which are sewn through</td>
</tr>
<tr>
<td>61/00</td>
<td>Machines for nail-pulling, nail-cutting, or nail-detecting</td>
</tr>
<tr>
<td>63/00</td>
<td>Machines for carrying out other finishing operations</td>
</tr>
<tr>
<td>65/00</td>
<td>Machines for fastening soles or heels by means of screws or screwed wire</td>
</tr>
<tr>
<td>69/00</td>
<td><strong>Shoe-nailing machines</strong> (nailing machines in general B27F)</td>
</tr>
<tr>
<td>71/00</td>
<td>Elements of nailing machines; Nail-feeding devices</td>
</tr>
<tr>
<td>75/00</td>
<td>Nailing devices on pulling-over or lasting machines</td>
</tr>
<tr>
<td>79/00</td>
<td>Combined heel-pressing and nailing machines</td>
</tr>
<tr>
<td>81/00</td>
<td>Machines for attaching top-lifts</td>
</tr>
<tr>
<td>83/00</td>
<td>Heel-presses without nailing apparatus; Machines for pressing single lifts or punching holes for nailing</td>
</tr>
<tr>
<td>85/00</td>
<td>Machines or apparatus for turning, e.g. for making turn-shoes</td>
</tr>
<tr>
<td>86/00</td>
<td>Machines for assembling soles or heels onto uppers, not provided for in groups A43D 25/00 to A43D 83/00, e.g. by welding [6]</td>
</tr>
<tr>
<td>87/00</td>
<td><strong>Performing finishing operations upon uppers, soles, or heels on soled shoes; Making shoe appurtenances</strong></td>
</tr>
<tr>
<td>89/00</td>
<td>Sole-levelling machines with rolls</td>
</tr>
<tr>
<td>91/00</td>
<td>Stitch-separating or seam-indenting machines</td>
</tr>
<tr>
<td>93/00</td>
<td>Edge-indenting machines</td>
</tr>
<tr>
<td>95/00</td>
<td>Shoe-finishing machines</td>
</tr>
<tr>
<td>97/00</td>
<td>Machines for making pulling-on pieces</td>
</tr>
<tr>
<td>98/00</td>
<td><strong>Machines for making laces</strong> (of leather C14B; braidings in general D04C); <strong>Applying fibre or celluloid to ends of laces</strong> (making tags from metal sheet B21D; from wire B21F) [8]</td>
</tr>
<tr>
<td>100/00</td>
<td>Setting or removing eyelets, buttons, lacing-hooks, or elastic gussets in shoes</td>
</tr>
</tbody>
</table>

Other mechanisms for shoemaking or repairing

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>111/00</td>
<td>Shoe machines with conveyers for jacked shoes</td>
</tr>
<tr>
<td>113/00</td>
<td>Machines for making shoes with out-turned flanges of the uppers or for making moccasins</td>
</tr>
<tr>
<td>115/00</td>
<td>Machines for skiving or removing heel lifts, heels, or soles, or for removing stitches, preparatory to repair</td>
</tr>
<tr>
<td>117/00</td>
<td>Racks for receiving or transporting shoes or shoe parts; Other conveying means</td>
</tr>
<tr>
<td>119/00</td>
<td>Driving or controlling mechanisms of shoe machines; Frames for shoe machines</td>
</tr>
</tbody>
</table>

999/00 **Subject matter not provided for in other groups of this subclass** [8]
### A44 HABERDASHERY; JEWELLERY

#### A44B BUTTONS, PINS, BUCKLES, SLIDE FASTENERS, OR THE LIKE

*(fastenings specially adapted for footwear A43C)*

**Note**

This subclass covers buckles or slide fasteners whether used as haberdashery or otherwise.

**Subclass Index**

<table>
<thead>
<tr>
<th>Buttons; Cards Therefor</th>
<th>Slide Fasteners</th>
<th>Other Clamping or Holding Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00 Buttons (setting on garments A41H 37/00; setting on footwear A43D 100/00; making buttons, see the relevant groups in the classes for making articles from particular materials)</td>
<td>6/00 Retainers or tethers for neckties, cravats, neckerchiefs, or the like, e.g. tie-clips, spring clips with attached tie-tethers, woggles, pins with associated sheathing members tetherable to clothing (tie-pins A44B 9/00; decorative or ornamental aspects A44C) [3]</td>
<td>13/00 Hook or eye fasteners</td>
</tr>
<tr>
<td>3/00 Collar-studs</td>
<td>7/00 Cards for buttons, collar-studs, or sleeve-links</td>
<td>15/00 Key-rings</td>
</tr>
<tr>
<td>5/00 Sleeve-links</td>
<td>9/00 Hat, scarf, or safety pins or the like (decorative or ornamental aspect A44C; hair pins A45D 8/00; sewing needles D05B 85/00)</td>
<td>17/00 Press-button or snap fasteners</td>
</tr>
<tr>
<td>11/00 Buckles; Similar fasteners for interconnecting straps or the like, e.g. for safety belts</td>
<td>11/25 Details</td>
<td>18/00 Fasteners of the touch-and-close type; Making such fasteners (making pile fabrics D03, D04) [3]</td>
</tr>
</tbody>
</table>

### A44C JEWELLERY; BRACELETS; OTHER PERSONAL ADORNMENTS; COINS

*(jewel boxes A45C 11/00)*

**Subclass Index**

<table>
<thead>
<tr>
<th>Articles According to the Part of the Body on Which They Are Worn</th>
<th>Articles According to Other Aspects</th>
<th>Making Jewellery or Other Personal Adornments</th>
<th>Anti-Pilfering Devices for Watches or Jewellery</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00 Brooches or clips in their decorative or ornamental aspect</td>
<td>13/00 15/00 17/00 21/00 25/00</td>
<td></td>
<td>17/00 Gems or the like</td>
</tr>
<tr>
<td>3/00 Medals; Badges (frames or housings for storing same A47G 1/00)</td>
<td></td>
<td></td>
<td>19/00 Devices for preventing pilfering of watches or jewellery</td>
</tr>
<tr>
<td>5/00 Bracelets; Wrist-watch straps; Fastenings for bracelets or wrist-watch straps</td>
<td></td>
<td></td>
<td>21/00 Coins (coins specially adapted to operate coin-freed mechanisms G07F 1/00); Emergency money; Beer or gambling coins or tokens, or the like</td>
</tr>
<tr>
<td>5/18 Fasteners for straps (buckles A44B 11/00)</td>
<td>23/00 Rosaries</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7/00 Ear-rings; Devices for piercing the ear-lobes</td>
<td>25/00 Fancy ware for personal wear, not provided for in groups A44C 1/00 to A44C 19/00 or A44C 23/00, e.g. crosses, crucifixes, charms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/00 Finger-rings</td>
<td>27/00 Making jewellery or other personal adornments (single step processes, see the relevant places, e.g. making rings from wire B21F 37/00) [2]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/00 Watch chains; Ornamental chains</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13/00 Connectible jewellery</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/00 Other forms of jewellery</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### A45B – A45C

**A45 HAND OR TRAVELLING ARTICLES**

**A45B WALKING STICKS; UMBRELLAS; LADIES’ OR LIKE FANS** (cane or umbrella stands or holders A47G 25/00)

**Note**

In this subclass, the following term is used with the meaning indicated:

- “umbrellas” also covers sunshades similar in construction to umbrellas.

**Subclass Index**

<table>
<thead>
<tr>
<th>Subclass</th>
<th>Details</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WALKING STICKS OR STICKS FOR UMBRELLAS</td>
<td>.......................................................... 1/00, 3/00, 7/00, 9/00</td>
<td></td>
</tr>
<tr>
<td>UMBRELLAS</td>
<td>General structure ........................................ 11/00 to 19/00, 23/00</td>
<td></td>
</tr>
<tr>
<td>Walking sticks; Sticks for umbrellas</td>
<td>(walking aids, e.g. sticks, for blind persons A61H 3/00; walking sticks formed as supports or tripod stands F16M 13/06)</td>
<td></td>
</tr>
<tr>
<td>1/00</td>
<td>Sticks with supporting, hanging or carrying means</td>
<td></td>
</tr>
<tr>
<td>3/00</td>
<td>Sticks combined with other objects</td>
<td></td>
</tr>
<tr>
<td>5/00</td>
<td>Walking sticks or umbrellas convertible into seats; Hunting sticks</td>
<td></td>
</tr>
<tr>
<td>7/00</td>
<td>Other sticks, e.g. of cranked shape</td>
<td></td>
</tr>
<tr>
<td>9/00</td>
<td>Details</td>
<td></td>
</tr>
<tr>
<td>Umbrellas</td>
<td>(tables with means for holding umbrellas A47B 37/00)</td>
<td></td>
</tr>
<tr>
<td>11/00</td>
<td>Umbrellas characterised by their shape or attachment</td>
<td></td>
</tr>
<tr>
<td>13/00</td>
<td>Umbrellas made of paper</td>
<td></td>
</tr>
<tr>
<td>15/00</td>
<td>Umbrellas with detachable covers</td>
<td></td>
</tr>
<tr>
<td>17/00</td>
<td>Tiltable umbrellas</td>
<td></td>
</tr>
<tr>
<td>19/00</td>
<td>Special folding or telescoping of umbrellas</td>
<td></td>
</tr>
<tr>
<td>21/00</td>
<td>Umbrellas convertible into walking sticks</td>
<td></td>
</tr>
<tr>
<td>23/00</td>
<td>Other umbrellas</td>
<td></td>
</tr>
<tr>
<td>25/00</td>
<td>Details of umbrellas (sticks for umbrellas A45B 1/00 to A45B 9/00; illuminating devices for umbrellas A45B 3/00; detachable covers A45B 15/00)</td>
<td></td>
</tr>
<tr>
<td>27/00</td>
<td>Ladies’ or like fans</td>
<td></td>
</tr>
</tbody>
</table>

**A45C PURSES; LUGGAGE; HAND CARRIED BAGS** (sacks or packs carried on the body A45F; containers in general B65D, e.g. portable flexible containers, B65D 27/00 to B65D 37/00; making leather, canvas, or like articles B68F)

**Note**

In this subclass, the following term is used with the meaning indicated: *[8]*

- “luggage” means containers for personal belongings for a journey, e.g. travelling bags, suitcases, trunks. *[8]*

**Subclass Index**

<table>
<thead>
<tr>
<th>Subclass</th>
<th>Details</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PURSES</td>
<td>.......................................................... 1/00, 15/00</td>
<td></td>
</tr>
<tr>
<td>LUGGAGE OR HAND CARRIED BAGS</td>
<td>3/00, 5/00, 7/00, 9/00, 15/00</td>
<td></td>
</tr>
<tr>
<td>SPECIAL APPLICATIONS</td>
<td>.......................................................... 11/00</td>
<td></td>
</tr>
<tr>
<td>DETAILS OR ACCESSORIES</td>
<td>.......................................................... 13/00</td>
<td></td>
</tr>
<tr>
<td>1/00</td>
<td>Purses; Money-bags; Wallets (for holding keys A45C 11/00)</td>
<td></td>
</tr>
<tr>
<td>3/00</td>
<td>Flexible luggage; Hand bags (collapsible or extensible luggage, bags or the like A45C 7/00; handbag mirrors A45D 42/00)</td>
<td></td>
</tr>
<tr>
<td>5/00</td>
<td>Rigid or semi-rigid luggage (collapsible or extensible luggage, bags or the like A45C 7/00)</td>
<td></td>
</tr>
<tr>
<td>5/03</td>
<td>Spectacle cases <em>[8]</em></td>
<td></td>
</tr>
<tr>
<td>7/00</td>
<td>Collapsible or extensible luggage, bags or the like</td>
<td></td>
</tr>
<tr>
<td>9/00</td>
<td>Luggage or bags convertible into objects for other use (trunk-wardrobes A47B 61/00; trunks convertible into tables A47B 85/00; trunk-beds A47C 17/00)</td>
<td></td>
</tr>
<tr>
<td>11/00</td>
<td>Receptacles for purposes not provided for in groups A45C 1/00 to A45C 9/00 (specially adapted for toilet or cosmetic equipment A45D; travelling sewing kits A45F 3/00)</td>
<td></td>
</tr>
<tr>
<td>11/04</td>
<td>Spectacle cases; Pince-nez cases</td>
<td></td>
</tr>
<tr>
<td>11/18</td>
<td>Ticket-holders or the like</td>
<td></td>
</tr>
</tbody>
</table>
A45D HAIRDRESSING OR SHAVING EQUIPMENT; MANICURING OR OTHER COSMETIC TREATMENT

Subclass Index

HAIRDRESSING
- Washing or colouring; drying ................................ 19/00, 20/00
- Curling or waving ........................................... 1/00 to 7/00
- Straightening .................................................. 7/00
- Hair-holding .................................................... 8/00
- Other hairdressing ......................................... 24/00, 26/00

Manicuring or pedicuring .................................. 29/00, 31/00

ACCESSORIES
- Containers or applicators .................................. 33/00 to 40/00
- Mirrors .......................................................... 42/00

OTHER TOILET OR COSMETIC EQUIPMENT .... 44/00

Curling or holding the hair

1/00 Curling-tongs, i.e. tongs for use when hot; Curling-irons, i.e. irons for use when hot; Accessories therefor

2/00 Hair-curling or hair-waving appliances (heated curling-tongs, curling-irons A45D 1/00; pins or simple clamps for curlers A45D 6/00)

4/00 Separate devices designed for heating hair curlers or hair-wavers (hair-drying devices without connection to hair curlers or hair-wavers A45D 20/00)

6/00 Details of, or accessories for, hair-curling or hair-waving devices

7/00 Processes of waving, straightening or curling hair (preparations for waving or straightening the hair A61K 8/00, A61Q 5/04) [2]

8/00 Hair-holding devices; Accessories therefor

Cleaning the hair or the scalp; Drying the hair; Colouring the hair

19/00 Devices for washing the hair or the scalp; Similar devices for colouring the hair

20/00 Hair drying devices; Accessories therefor (A45D 2/00 takes precedence; drying in general F26)

24/00 Hair combs for care of the hair; Accessories therefor (high combs or dress combs A45D 8/00; hair-drying combs A45D 20/00; hair-trimming devices, using a razor blade, integral or combined with combs B26B 21/00, e.g. B26B 21/08)

26/00 Hair-singeing apparatus; Apparatus for removing superfluous hair, e.g. tweezers (removing hair using electrosurgical instruments A61B 18/04, A61B 18/18)

27/00 Shaving accessories (containers for handling shaving soap A45D 40/00; shaving mirrors A45D 42/00; cabinets for shaving tackle A47B 67/00; resharpening razor blades B24)

Manicuring or pedicuring

29/00 Manicuring or pedicuring implements (chiropodists’ instruments A61B 17/54; scissors B26B)

31/00 Artificial nails

Containers or accessories specially adapted for handling toilet or cosmetic substances (for applying therapeutic or disinfecting substances A61M, e.g. A61M 35/00; spraying or atomising in general, applying liquids or other fluent materials to surfaces in general B05; containers in general B65D, e.g. for dispensing powdered or granular material B65D 83/06)

33/00 Containers or accessories specially adapted for handling toilet or cosmetic powder

34/00 Containers or accessories specially adapted for handling liquid toilet or cosmetic substances, e.g. perfumes (features common to writing or drawing implements B43)

34/04 Appliances specially adapted for applying liquid, e.g. using roller or ball

37/00 Sachet pads for liquid substances

40/00 Casings or accessories for storing or handling solid or pasty toilet or cosmetic substances, e.g. shaving soap, lipstick, make-up (features common to containers for handling powdery or liquid toilet or cosmetic substances A45D 33/00 to A45D 37/00; lipstick or powder-pads casings incorporating mirrors A45D 42/00; cosmetic or like preparations A61K 8/00, A61Q; features common to writing or drawing implements B43; sample tables or the like G09F 5/00)

40/02 Casings wherein movement of the lipstick or like solid is a sliding movement (A45D 40/06 takes precedence)

40/06 Casings wherein movement of the lipstick or like solid is a screwing movement

40/26 Appliances specially adapted for applying pasty paint, e.g. using roller, using a ball (for applying liquid paint A45D 34/04)
Other toilet or cosmetic equipment

42/00 Hand, pocket, or shaving mirrors (mirrors as household equipment A47G 1/00; mirrors as optical elements G02B 5/08)

A45F TRAVELLING OR CAMP EQUIPMENT; SACKS OR PACKS CARRIED ON THE BODY (hand carried bags or luggage A45C) [1,8]

Note
This subclass covers only the equipment specified in its subdivisions. Travelling or camp equipment is normally classified in the classes for the equipment concerned, e.g. camp furniture in class A47.

3/00 Travelling or camp articles (travelling rugs A47G 9/06); Sacks or packs carried on the body (convertible into other articles A45F 4/00) [1,8]

3/04 Sacks or packs carried on the body by means of two straps passing over the two shoulders

4/00 Travelling or camp articles which may be converted into articles for other use; Sacks or packs carried on the body and convertible into other articles [1,8]

5/00 Holders or carriers for hand articles; Holders or carriers for use while travelling or camping
### Int.Cl. (8th edition, 2006) Vol. 1, Section A

#### A46

**BRUSHWARE**

**A46B** BRUSHES (handles not integral with brushware B25G)

### Subclass Index

<table>
<thead>
<tr>
<th>BRUSHES ............................................................</th>
<th>DETAILS OF BRUSHES.............................................</th>
<th>ACCESSORIES ..........................................................</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00, 11/00, 13/00, 15/00</td>
<td>1/00 to 9/00</td>
<td>17/00</td>
</tr>
</tbody>
</table>

### Details:

1. **1/00** Brush bodies and bristles moulded as a unit
2. **3/00** Brushes characterised by the way in which the bristles are fixed or joined in or on the brush body or carrier (machines or appliances therefor A46D)
3. **5/00** Brush bodies; Handles integral with brushware
4. **7/00** Bristle carriers arranged in the brush body
5. **9/00** Arrangements of the bristles in the brush body
6. **11/00** Brushes with reservoir or other means for applying substances, e.g. paints, pastes, water (driven brush bodies A46B 13/00; applying liquids or other fluent materials to surfaces by liquid carrying members in general, e.g. by pads, B05C 1/00, B05D 1/28)
7. **13/00** Brushes with driven brush bodies (power-driven toothbrushes A61C 17/16) [5]
8. **15/00** Other brushes; Brushes with additional arrangements
9. **17/00** Accessories for brushes

#### A46D

**MANUFACTURE OF BRUSHES**

<table>
<thead>
<tr>
<th>Bristles; Selection of materials for bristles (making artificial bristles D01D, D01F)</th>
<th>Pressing devices for making brooms composed of brushwood or the like</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00</td>
<td>7/00</td>
</tr>
<tr>
<td>Preparing brush bodies</td>
<td>Machines for finishing brushes</td>
</tr>
<tr>
<td>3/00</td>
<td>9/00</td>
</tr>
<tr>
<td>Devices for preparing quills for use as carriers for bristles</td>
<td>99/00</td>
</tr>
<tr>
<td>5/00</td>
<td><em>Subject matter not provided for in other groups of this subclass [8]</em></td>
</tr>
</tbody>
</table>

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*Int.Cl. (8th edition, 2006) Vol. 1, Section A*
A47B

A47  FURNITURE (arrangements of seats for, or adaptation of seats to, vehicles B60N); DOMESTIC ARTICLES OR APPLIANCES; COFFEE MILLS; SPICE MILLS; SUCTION CLEANERS IN GENERAL (ladders E06C)

Note
In this class, the following term is used with the meaning indicated:
– “furniture” covers also easels or stands, e.g. for blackboards or drawing tables.

A47B  TABLES; DESKS; OFFICE FURNITURE; CABINETS; DRAWERS; GENERAL DETAILS OF FURNITURE (furniture jointing F16B)

Note
In this subclass, the following terms are used with the meanings indicated:
– “tables” covers also tables or underframes therefor for other than domestic use;
– “cabinets” or “racks” cover also cabinets or racks for storage in general.

Subclass Index
TABLES CHARACTERISED BY STRUCTURAL FEATURES
- Extensible tables; folding or stowable tables; stackable tables............1/00; 3/00, 5/00; 7/00
- Other tables ................................................. 5/00 to 11/00
- Details .....................................................................13/00

TABLES OR DESKS CHARACTERISED BY ADAPTATION FOR PARTICULAR PURPOSE
- For writing, reading or drawing purposes.................................................. 17/00 to 23/00,
- For computer workstations................................................................. 21/00
- For domestic use ............................................................................. 29/00 to 35/00
- Other tables ................................................................................... 23/00, 25/00, 37/00

SCHOOL BENCHES OR DESKS ........................................ 39/00, 41/00

CABINETS, RACKS, OR THE LIKE
CHARACTERISED BY STRUCTURAL FEATURES
- Of rigid construction ..................................................................... 53/00, 55/00

CABINETS, RACKS, OR THE LIKE
CHARACTERISED BY ADAPTATION FOR PARTICULAR PURPOSE
- For books ...................................................................................... 63/00, 65/00
- For kitchen use or for storing food or drink ............................................. 71/00 to 77/00
- Other cabinets, racks, or the like........................................................... 61/00, 67/00, 69/00, 79/00, 81/00

FURNITURE COMBINATIONS ........................................ 83/00, 85/00, 87/00

DETAILS OF FURNITURE ................................................................. 88/00 to 96/00

MISCELLANEOUS FURNITURE,
MISCELLANEOUS ACCESSORIES FOR FURNITURE.......................... 95/00, 97/00

Tables or desks characterised by structural features

| 1/00 | Extensible tables (extensible shelf units A47B 46/00) |
| 3/00 | Folding or stowable tables (folded and suspended or hinged, or wall tables A47B 5/00; with tops of variable height A47B 9/00; foldable service or tea tables A47B 31/00) |
| 5/00 | Suspended or hinged panels forming a table; Wall tables (bed tables A47B 23/00; in combination with other furniture A47B 83/00; arm-rest tables for chairs A47C) |
| 7/00 | Tables of rigid construction |
| 9/00 | Tables with tops of variable height (seats with variable height A47C 3/20) |
| 11/00 | Tables with tops revolvable on vertical spindles |
| 13/00 | Details of tables or desks (drawers A47B 88/00; feet for furniture in general A47B 91/00) |
| 13/08 | Table tops; Rims therefor (not restricted to table tops A47B 95/00) |

Tables or desks characterised by adaptation for particular purposes

| 17/00 | Writing-tables (A47B 21/00 takes precedence) [1,8] |
| 19/00 | Reading-desks; Lecterns; Pulpits |
| 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 G06F 3/033) [1,8] |
| 21/06 | Characterised by means for holding, fastening or concealing cables [8] |
| 23/00 | Bed-tables; Trays; Reading-racks; Book-rests |
| 25/00 | Card tables; Tables for other games (billiard tables A63D 15/00) |
| 27/00 | Drawing desks or tables; Carriers for drawing-boards (tables convertible to drawing desks A47B 85/00; easels or stands for blackboards or the like A47B 97/00; drawing-boards B43L 5/00) |
29/00 Sewing-tables (for industrial use D05B 75/00)
31/00 Service or tea tables, trolleys, or wagons (features relating to running gear or to movement by hand B62B)
33/00 Kitchen or dish-washing tables
35/00 Tables combined with ironing-boards, washers, wringers, or the like (washing machines, ironing boards, wringers per se D06F)
37/00 Tables adapted for other particular purposes

School benches or desks
39/00 School forms; Benches or forms combined with desks (attaching to floor A47B 91/00)
41/00 School desks or tables (attaching to floor A47B 91/00)

Cabinets; Racks; Shelf units; Similar furniture; Similar features of built-in cupboards (racks for dispensing merchandise A47F 1/00; showcases or show cabinets A47F 3/00; racks specially adapted for workshops B25H 3/00; storing articles in warehouses or magazines B65G 1/00; built-in cupboards as part of a building E04F 19/08; peculiar to housing recording apparatus or records therefor G11B 33/02; peculiar to housing electrical apparatus or installations H05K) [3]
43/00 Cabinets, racks or shelf units, characterised by features enabling folding of the cabinet or the like
45/00 Cabinets, racks or shelf units, characterised by features enabling enlarging in height, length, or depth (sectional furniture A47B 87/00)
46/00 Cabinets, racks or shelf units, having one or more surfaces adapted to be brought into position for use by extending or pivoting (A47B 63/00, A47B 77/04 take precedence; writing tables with extensible leaves A47B 17/00, A47B 21/00; with extensible garment holders A47B 61/00)
47/00 Cabinets, racks or shelf units, characterised by features related to dismountability or building-up from elements (A47B 43/00, A47B 45/00 take precedence; features for adjusting shelves or partitions A47B 57/00) [3]
49/00 Revolving cabinets or racks; Cabinets or racks with revolving parts
51/00 Cabinets with means for moving compartments up and down
53/00 Cabinets or racks having several sections one behind the other; Cabinet or rack systems (revolving cabinets or racks A47B 49/00)
55/00 Cabinets, racks or shelf units, having essential features of rigid construction (safes E05G)
57/00 Cabinets, racks or shelf units, characterised by features for adjusting shelves or partitions (details of cabinets, racks or shelf units in general A47B 96/00; brackets adjustable in themselves A47B 96/06) [3]
61/00 Wardrobes
63/00 Cabinets, racks or shelf units, specially adapted for storing books, documents, forms, or the like
65/00 Book-troughs; Accessories specially adapted for book-storing, e.g. book-ends

67/00 Chests; Dressing-tables; Medicine cabinets or the like; Cabinets characterised by the arrangement of drawers
69/00 Cocktail cabinets (cabinets or racks for bottles only A47B 73/00)
71/00 Cabinets for perishable goods, e.g. meat safes, fly-proof cabinets (fruit or potato storage cabinets, racks or trays A47B 75/00; ice-boxes, refrigerators F25D)
73/00 Bottle cupboards; Bottle racks
75/00 Fruit or potato storage cabinets, racks or trays for domestic use
77/00 Kitchen cabinets (tops specially designed for working on A47B 96/00)
77/02 . General layout, e.g. relative arrangement of compartments, working surface or surfaces, supports for apparatus (A47B 77/08 takes precedence)
77/04 . Provision for particular uses of compartments or other parts
77/06 . . for incorporating sinks, with or without draining boards, splash-backs, or the like (constructational features of draining boards A47L 19/00; sinks E03C 1/18)
77/08 . . for incorporating apparatus operated by power, including water power; for incorporating apparatus for cooking, cooling, or laundry purposes
79/00 Bedside cabinets
81/00 Cabinets or racks specially adapted for other particular purposes, e.g. for storing guns or skis

Furniture combinations (step-stools A47C 12/00) [5]
83/00 Combinations comprising two or more pieces of furniture of different kinds (foldable table and seat units A47B 3/00)
85/00 Furniture convertible into other kinds of furniture (into beds A47C 17/00; into billiard tables A63D 15/00)
87/00 Sectional furniture, i.e. combinations of complete furniture units

Details of furniture (of tables or desks A47B 13/00; furniture joints F16B) [3]
88/00 Drawers for tables, cabinets or like furniture; Guides for drawers (A47B 63/00 takes precedence; drawers coupled to doors A47B 96/00)
88/04 . Sliding drawers; Slides or guides therefor
91/00 Feet for furniture in general (castors B60B 33/00)
95/00 Fittings for furniture
96/00 Details of cabinets, racks or shelf units not covered by a single one of groups A47B 43/00 to A47B 95/00; General details of furniture (doors E06B)
96/02 . Shelves (movable shelves coupled to doors A47B 96/00)
96/06 . Brackets or similar supporting means for cabinets, racks or shelves (aspects of adjusting height or inclination A47B 57/00)
97/00 Furniture or accessories for furniture, not provided for in other groups of this subclass
SEATING FURNITURE

1 / 00 Chairs adapted for special purposes (features relating to vertical adjustability A47C 3/20; convertible chairs A47C 13/00; chairs or personal conveyances specially adapted for patients or disabled persons A61G 3/00, A61G 5/00; operating chairs, dental chairs A61G 15/00)

1 / 02 . Reclining or easy chairs (supports for parts of body A47C 7/36, A47C 7/00, A47C 7/54)

1 / 022 . having independently-adjustable supporting parts

1 / 031 . having coupled adjustable supporting parts

1 / 03 . rocking chairs (specially for children A47D 13/00)

1 / 020 . chairs or stools with vertically-adjustable seats (tables with variable height A47B 9/00)

4 / 00 Foldable, collapsible or dismountable chairs (of tubular metal type A47C 5/00; children’s foldable chairs A47D 1/00)

5 / 00 Chairs of special materials

7 / 00 Parts, details, or accessories of chairs or stools (attaching to floor A47B 91/00; supports for the feet or the legs coupled to other adjustable parts A47C 1/031)

7 / 02 . seat parts (adaptation of seats to mounting in tubular chairs A47C 5/00; such parts not restricted to chairs A47C 23/00; removable upholstered units or cushions A47C 27/00)

7 / 14 . of adjustable shape; elastically mounted

7 / 18 . having foamed material included in cushioning part (foamed material mattresses A47C 27/14)

7 / 36 . support for the head or the back (for operating or dental chairs A61G 15/00)

7 / 40 . for the back

7 / 46 . . with special, e.g. adjustable, profile; “Ackerman” profile chairs

7 / 54 . supports for the arms

7 / 62 . accessories for chairs

7 / 72 . adaptations for incorporating lamps, radio sets, bars, telephones, ventilation, heating or cooling arrangements or the like

9 / 00 Stools for specified purposes (with rotatable seats A47C 3/00; with vertically adjustable seats A47C 3/20; step-stools A47C 12/00; footstools A47C 16/00; prayer stools A47C 16/00; platforms or seat-boxes specially adapted for angling A01K 97/00; walking sticks or umbrellas convertible into seats A45B 5/00) [5]

11 / 00 Benches not otherwise provided for (school forms A47B 39/00)

12 / 00 Step-stools [5]

Note

Folding or collapsing actions, of interest apart from any conversion between the step and seat functions, are classified in group A47C 4/00. [5]

13 / 00 Convertible chairs, stools, or benches (step-stools requiring conversion between the step and seat functions A47C 12/00; stretchers, for patients or invalids, convertible into chairs A61G 1/00) [5]

15 / 00 Other seating furniture (school forms A47B 39/00)

16 / 00 Rests or supports for feet, legs, arms, back or head (associated with chairs A47C 7/00; associated with beds or sofas A47C 20/00) [2]

Sofas; Beds

Note

In groups A47C 17/00 to A47C 27/00, the following terms or expressions are used with the meanings indicated:

– “bedstead” is used only for the frame of a bed;
– “bed” includes beds combined with spring mattresses, stuffed mattresses, or similar means to enable the lying of persons thereon;
– “spring mattresses” do not include any stuffed material;
– “stuffed mattresses” may include metal springs.

17 / 00 Sofas; Couches; Beds (bedsteads A47C 19/00; spring mattresses A47C 23/00; divan bases A47C 23/00; stuffed mattresses A47C 27/00; beds with special provisions for nursing A61G 7/00)

19 / 00 Bedsteads (spring mattresses with rigid frame or forming part of the bedstead A47C 23/00; for children’s beds A47D 7/00; bed jointing members or fittings for bedsteads F16B)

20 / 00 Head-, foot- or like rests for beds, sofas or the like (bed-ests or bed tables A47B 23/00; bed-ests specially adapted for nursing A61G 7/05) [2]

21 / 00 Attachments for beds, e.g. sheet holders, bed-cover holders (bed tables supported on the bedstead A47B 23/00; devices for children’s beds for prevention against falling out A47D 7/00; other accessories for children’s beds A47D 15/00); ventilating, cooling or heating means in connection with bedsteads or mattresses [5]
23/00 Spring mattresses with rigid frame or forming part of the bedstead; Divan bases (unframed spring units A47C 25/00; spring units forming part of stuffed mattresses A47C 27/00; bed-rests specially adapted for nursing A61G 7/05)

25/00 Unframed spring units

27/00 Stuffed or fluid mattresses specially adapted for chairs, beds or sofas (arrangements for preventing bedsores or for supporting patients with burns, e.g. mattresses specially adapted therefor, A61G 7/057; ready-made upholstery pads in general B68G 5/00; making mattresses B68G 7/00) [5]
27/04 . with spring inlays (A47C 27/14 takes precedence)
27/08 . Fluid mattresses (connecting valves to inflatable elastic bodies B60C 29/00) [5]

27/10 . with two or more independently-fillable chambers [5]
27/12 . with fibrous inlays, e.g. made of wool, of cotton
27/14 . with foamed material inlays
27/22 . with both fibrous and foamed material inlays

29/00 Nets for protection against insects in connection with chairs or beds (insect nets for animals A01K 13/00; insect nets as travelling equipment A45F 3/00); Bed canopies

31/00 Details or accessories for chairs, beds, or the like, not provided for in other groups of this subclass, e.g. upholstery fasteners, mattress protectors, stretching devices for mattress nets
A47F – A47G

7/00 Show stands, hangers, or shelves, adapted for particular articles or materials
7/02 . for jewellery, dentures, watches, eye-glasses, lenses, or the like
7/04 . for tyres; for wheels
7/06 . for hats
7/08 . for shoes
7/10 . for hosiery
7/12 . for ties (household necktie holders A47G 25/00); for collars
7/14 . for pictures, e.g. in combination with books or seed-bags
7/16 . for carpets; for wallpaper; for textile materials
7/19 . for garments (for hosiery A47F 7/10; for ties or collars A47F 7/12; dummies, busts, or the like A47F 8/00; wardrobes with garment-holders A47B 61/00; household implements used in connection with wearing apparel or dress holders A47G 25/00)

A47G HOUSEHOLD OR TABLE EQUIPMENT (book-ends A47B 65/00; knives B26B)

Note
This subclass covers equipment for similar use in hotels, dressing rooms, vehicles, or the like, not otherwise provided for.

Subclass Index
DECORATIVE EQUIPMENT.................................1/00 to 7/00, 33/00
BEDDING; TABLE LINEN ..................................9/00; 11/00
TABLE EQUIPMENT............................................19/00 to 23/00
SUPPORTS, HOLDERS, CONTAINERS, IMPLEMENTS

for wearing apparel .........................................25/00

1/00 Mirrors (hand, pocket, or shaving mirrors A45D 42/00; as optical elements G02B 5/08); Picture frames or the like
1/06 . Picture frames (making from paper B31D)
1/16 . Devices for hanging or supporting pictures, mirrors, or the like

3/00 Removable ornamental heads for nails, screws, or the like (specially shaped, non-removable heads for nails F16B 15/00; for screws F16B 23/00)

5/00 Screens (shower screens A47K 3/28; shutters closing an opening E06B 9/02; fly-screens E06B 9/52); Draught-deflectors

7/00 Flower holders or the like (flower holders worn on garments A45F 5/00)

9/00 Bed-covers; Counterpanes; Travelling rugs; Sleeping rugs; Sleeping bags; Pillows (pillows specially adapted for preventing snoring A61F 5/56)
9/02 . Bed linen; Blankets; Counterpanes (sheets specially adapted for use as or with stretchers for patients or invalids A61G 1/00) [5]
9/06 . Travelling rugs; Sleeping rugs

11/00 Table linen

Table devices or equipment

19/00 Table service
19/20 . Tea or coffee pot cosies

7/28 . for containers, e.g. flasks, bottles
7/30 . for furniture, e.g. beds, mattresses

8/00 Dummies, busts, or the like, e.g. for displaying garments (tailors' dummies A41H 5/00)

9/00 Shop, bar, bank or like counters (showcases or show cabinets A47F 3/00; safety transaction partitions, e.g. movable pay plates, E05G 7/00)

10/00 Furniture or installations specially adapted to particular types of service systems, not otherwise provided for (table equipment specially adapted for restaurants A47G; conveyer aspects B65G; building aspects E04H; coin-freed apparatus G07F) [3]

11/00 Arrangements in shop windows or showcases

13/00 Shop or like accessories (reaching devices having gripping means B25J; devices for drawing-off and cutting paper from a roll B65H; movably-mounted ladders E06C 9/00)

Dwelling equipment

25/00 Household implements used in connection with wearing apparel; Dress, hat or umbrella holders (wardrobes A47B 61/00; clothing holders with locking devices E05B 69/00) [4]

27/00 Floor fabrics; Fastenings therefor (woven fabrics D03D; non-woven fabrics D04H)

29/00 Supports, holders, or containers for household use, not provided for in groups A47G 1/00 to A47G 27/00 or A47G 33/00 (for fastening kitchen utensils A47J 45/00; for drying towels A47K 10/00; stands, racks, or the like for airing beds, garments, or the like, clothes, drying devices D06F 37/00)

33/00 Religious or ritual equipment in dwelling or for general use

35/00 Other dwelling equipment
A47H FURNISHINGS FOR WINDOWS OR DOORS
(concerned with the functioning of the door or window E05; roller blinds E06B)

Subclass Index
CURTAINS ................................................................. 21/00, 23/00
SUSPENDING CURTAINS ........................................ 1/00, 2/00, 7/00,
13/00, 15/00, 19/00
OPERATING CURTAINS ........................................ 3/00, 5/00, 11/00,
15/00
OTHER WINDOW OR DOOR FURNISHINGS ............. 27/00, 33/00

Curtains; Draperies
1/00 Curtain suspension devices
2/00 Pelmets or the like
3/00 Fastening, clamping, or guiding devices for the bands
or cords of curtains or the like
5/00 Devices for drawing draperies, curtains, or the like
7/00 Devices for putting-up and removing curtain rods
11/00 Curtain cord appurtenances
13/00 Fastening curtains on curtain rods or rails
15/00 Runners or gliders for supporting curtains on rails
or rods
19/00 Rosettes for holding curtains; Festoon holders
21/00 Curtain shields
23/00 Curtains; Draperies (shower curtain arrangements
A47K 3/28)
27/00 Boxes, shelves, holders or similar supports for
holding flowers (windows adapted to carry plants
E06B 7/00)
33/00 Other window or door furnishings (incorporated in, or
on, the door or window E06B 7/00)

A47J KITCHEN EQUIPMENT; COFFEE MILLS; SPICE MILLS; APPARATUS FOR MAKING BEVERAGES
(disintegrating, e.g. mincing, B02C; severing, e.g. cutting, slicing, B26B, B26D) [6]

Subclass Index
IMPLEMENTS OR MACHINES FOR PREPARING FOOD
For peeling or paring; for straining................. 17/00; 19/00
For shaping butter................................................. 9/00
For preparing fruit ........................................... 17/00 to 25/00
Coffee mills, spice mills ................................. 42/00
Other implements or machines ................. 43/00, 44/00
Egg-cookers; Camp cookers...................... 29/00; 33/00
Apparatus for making beverages ............... 31/00
Details of cooking-vessels......................... 36/00
Baking, roasting, grilling, frying ................... 37/00
Cooking chambers, warming
cupboards ....................................................... 39/00
Thermally-insulated vessels ....................... 41/00
FASTENING OR GRIPPING UTENSILS ............. 45/00
CONTAINERS, STANDS, CUTTING-BOARDS ......... 47/00

9/00 Apparatus or utensils for shaping butter or the like
(for use in dairies A01J 19/00, A01J 21/00; moulding
plastic material in general B29C)
17/00 Household peeling, stringing, or paring implements
or machines (for foodstuffs in bulk A23N)
19/00 Household machines for straining foodstuffs;
Household implements for mashing or straining
foodstuffs (for foodstuffs in bulk A23N)
21/00 Devices for removing stalks from fruit (machines
A23N 15/00)
23/00 Devices for stoning fruit (machines for stoning fruit in
bulk A23N 3/00, A23N 4/00)
25/00 Devices for coring fruit (machines for coring fruit in
bulk A23N 3/00, A23N 4/00)
27/00 Cooking-vessels (A47J 29/00 to A47J 33/00 take
precedence) [2]
27/02 . with enlarged heating surfaces
27/04 . for cooking food in steam; Devices for extracting
fruit juice by means of steam
27/06 . Steam-heated kettles for domestic use
27/08 . Pressure cookers; Lids or locking devices specially
adapted therefor
27/10 . Cooking-vessels with water-bath arrangements for
domestic use
27/12 . Multiple-unit cooking-vessels
27/14 . Cooking-vessels for use in hotels, restaurants, or
canteens
27/16 . heated by steam
27/20 . Ham-boilers
27/21 . Water-boiling vessels, e.g. kettles
27/212. with signalling means, e.g. whistling kettles
(signalling milk-boiling vessels A47J 27/56)
27/56. Preventing boiling over, e.g. of milk (appliances for
preventing or destroying foam in dairy apparatus for
treating milk A01J 11/00; preventing foaming in
boiling in general B01B 1/00)

29/00 Egg-cookers

31/00 Apparatus for making beverages (household machines
or implements for straining foodstuffs A47J 19/00;
preparation of non-alcoholic beverages, e.g. by adding
ingredients to fruit or vegetable juices, A23L 2/00;
coffee or tea pots A47G 19/00; tea infusers A47G 19/00;
dispensing beverages on draught B67D 1/00; brewing of
beer C12C; preparation of wine or other alcoholic
beverages C12G) [5]
31/02. Coffee-making machines with removable extraction
cups, to be placed on top of drinking-vessels,
e.g. cafetière (filters A47J 31/06)
31/04. Coffee-making apparatus with rising pipes
31/06. Filters or strainers for coffee or tea makers
31/10. Coffee-making apparatus, in which the brewing
vessel is placed above or in the upper part of the
beverage containers; Drip coffee-makers (A47J 31/02
takes precedence)
31/24. Coffee-making apparatus in which hot water is
passed through the filter under pressure (A47J 31/04
takes precedence)
31/40. Beverage-making apparatus with dispensing means
for adding a measured quantity of ingredients,
e.g. coffee, water, sugar, cocoa, milk, tea
31/42. Beverage-making apparatus with incorporated
grinding or roasting means for coffee
31/44. Parts or details of beverage-making apparatus (filters
or strainers A47J 31/06)

33/00 Camp cooking devices without integral heating
means (travelling cookers with one burner A47J 36/24;
other travelling cookers heated by petroleum, gasoline,
spirit, or the like F24C)
36/00 Parts, details or accessories of cooking-vessels
(A47J 27/00 to A47J 33/00 take precedence insofar as
these parts, details or accessories are restricted to a
particular kind of cooking-vessel provided for in a
single one of those groups; lids or covers specially
adapted for pressure cookers A47J 27/08; wire inserts
for deep fat fryers A47J 37/12; heating devices for
cooking-vessels in general F24J) [2]

36/02. Selection of specific materials, e.g. heavy bottoms
with copper inlay or with insulating inlay
36/24. Warming devices

37/00 Baking; Roasting; Grilling; Frying (bakers’ ovens,
non-domestic baking apparatus or equipment A21B;
domestic stoves or ranges F24B, F24C)
37/01. Vessels uniquely adapted for baking (for use in
bakers’ ovens A21B)
37/04. Roasting apparatus with movably-mounted food
supports or with movable heating implements; Spits
37/06. Roasters; Grills, Sandwich grills
37/07. Roasting devices for outdoor use; Barbecues
37/08. Bread-toasters (electric heating elements H05B)
37/10. Frying-pans, including lids or basting devices
37/12. Deep fat fryers, including apparatus specially adapted
for frying fish

39/00 Heat-insulated cooking chambers; Cupboards with
heating arrangements for warming kitchen utensils
41/00 Thermally-insulated vessels, e.g. flasks, jugs, jars
(containers with thermal insulation in general
B65D 81/38)
42/00 Coffee mills; Spice mills (as part of universal or multi-
purpose machines A47J 43/04, A47J 44/00; grinding or
pulverising in general B02C)
43/00 Implements for preparing or holding food, not
provided for in other groups of this subclass
43/04. Machines for domestic use not covered elsewhere,
e.g. for grinding, mixing, stirring, kneading,
emulsifying, whipping or beating foodstuffs,
e.g. power-driven (food straining implements
A47J 19/00; devices for grating A47J 43/00; multi-
purpose machines A47J 44/00)
44/00 Multi-purpose machines for preparing food
45/00 Devices for fastening or gripping kitchen utensils
(kitchen cabinets with provisions for attachment of
kitchen implements or utensils A47B 77/00) [4]
47/00 Kitchen containers, stands or the like, not provided for
in other groups of this subclass (containers in
general B65D; Cutting-boards, e.g. for bread (with
slicing devices B26D)

A47K SANITARY EQUIPMENT NOT OTHERWISE PROVIDED FOR (connecting to water supply or waste pipe, sinks E03C;
water-closets E03D); TOILET ACCESSORIES (cosmetic equipment A45D)

Subclass Index

TOILET FITTINGS ............................................................. 1/00 to 10/00
CLOSETS; ACCESSORIES THEREFOR...............................11/00; 10/00, 13/00

1/00 Wash-stands; Appurtenances therefor (devices for
washing the hair or scalp A45D 19/00; basins used in
manual washing or cleaning of crockery, table-ware,
cooking-ware, or the like A47L 17/00; with
appurtenances for curative purposes A61H)
1/02. Portable toilet tables; Wash cabinets or stands (for
automobiles B60R; for railway cars B61D; for ships
B63B; for aircraft B64D; connected to waste pipe
E03C)
1/08. Accessories for toilet tables, e.g. glass plates,
supports therefor (towel holders A47K 10/00)
3/00  Baths; Showers; Appurtenances therefor (for curative purposes A61H, A61M, e.g. bathing devices for special therapeutic or hygienic purposes A61H 33/00)
3/02  .  Baths (combined with showers A47K 3/20; heatable F24H) [1,7]
3/022  .  specially adapted for particular use, e.g. for washing the feet, for bathing in sitting position (collapsible baths A47K 3/02)
3/10  .  Wave-producers or the like
3/12  .  Separate seats or body supports (seats for chairs A47C 7/02)
3/14  .  Replaceable separating walls for baths (sinks with separating walls E03C 1/18)
3/16  .  Devices for fastening baths to floors or walls; Adjustable bath feet
3/18  .  combined with hand basins
3/20  .  Baths combined with showers
3/26  .  Bidets without upward spraying means (bidets with upward spraying means A61H 35/00, E03D 9/08) [7]
3/28  .  Showers (combined with baths A47K 3/20; nozzles, spray heads B05B 1/00) [7]

4/00  Combinations of baths, showers, sinks, wash-basins, closets, or urinals, not covered by a single other group of this subclass
5/00  Holders or dispensers for soap, toothpaste, or the like (lather making devices for shaving A45D 27/00; specially adapted for shaving soap or cosmetics A45D 33/00 to A45D 40/00)

7/00  Body washing or cleaning implements (bathing devices for special therapeutic or hygienic purposes A61H 33/00; baths for specific parts of the body A61H 35/00)
7/02  .  Bathing sponges, brushes, gloves, or similar cleaning or rubbing implements (brushes in general A46B; sponges for domestic cleaning A47L 13/16; specially for massage A61H 7/00)
10/00  Body-drying implements; Toilet paper; Holders therefor
10/24  .  Towel dispensers; Toilet-paper dispensers (sheet or web dispensers in general B65H)
11/00  Closets without flushing (closets with recirculation of bowl-cleaning fluid E03D 5/00); Urinals without flushing (urinals for bed-ridden persons A61G 9/00; for vehicles in general B60R; closets for railway-cars B61D; for ships B63B; for aircraft B64D; urinals with flushing arrangements E03D 13/00); Chamber pots; Chairs with toilet conveniences or specially adapted for use with toilets [5]
13/00  Seats or covers for all kinds of closets
13/10  .  Devices for raising and lowering (thereby controlling flushing valves E03D 5/00)
17/00  Other equipment (devices for receiving spittle A61J 19/00)

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**DOMESTIC WASHING OR CLEANING** (brushes A46B; cleaning quantities of bottles or of other hollow articles of one kind B08B 9/00; laundry D06F); **SUCTION CLEANERS IN GENERAL** (cleaning in general B08)

**Note**

Machines or implements which can be used for cleaning windows, window shades, window screens, venetian blinds, as well as floors, carpets, furniture, walls, or wall coverings are classified in group A47L 11/00 or A47L 13/00. [3]

**Subclass Index**

**CLEANING WINDOWS, THEIR SHADES, SCREENS, OR VENETIAN BLINDS**  ……………  1/00, 3/00, 4/00
**SUCTION CLEANERS**  ………………………………  5/00, 7/00, 9/00
**CLEANING FLOORS, CARPETS, FURNITURE OR WALLS**  ………………………………  11/00, 13/00

**Cleaning windows, window shades, window screens, venetian blinds**

<table>
<thead>
<tr>
<th>1/00</th>
<th>Cleaning windows</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/16</td>
<td>.  Devices for defrosting window-panes (H05B 3/84 takes precedence) [5]</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>3/00</th>
<th>Safety devices for use in window-cleaning (safety belts A62B 35/00; for scaffolding in general E04G; for ladders E06C)</th>
</tr>
</thead>
</table>

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<tr>
<th>4/00</th>
<th>Cleaning window shades, window screens, venetian blinds (A47L 1/00 takes precedence; suction cleaner nozzles A47L 9/02) [3]</th>
</tr>
</thead>
</table>

**Suction cleaners** (pneumatically taking-up undesirable matter from roads or like surfaces E01H 1/00) [3]

<table>
<thead>
<tr>
<th>5/00</th>
<th>Structural features of suction cleaners</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/12</td>
<td>.  with power-driven air-pumps or air-compressors, e.g. driven by motor vehicle engine vacuum</td>
</tr>
<tr>
<td>5/22</td>
<td>.  with rotary fans</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>7/00</th>
<th>Suction cleaners adapted for additional purposes (with floor-polishing tools A47L 11/00; suction devices for removing ash F23J 1/02); Tables with suction openings for cleaning purposes; Containers for cleaning articles by suction; Suction cleaners adapted to cleaning of brushes; Suction cleaners adapted to taking-up liquids</th>
</tr>
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Int.Cl. (8th edition, 2006) Vol. 1, Section A  51
Details or accessories of suction cleaners, e.g. mechanical means for controlling the suction or for effecting pulsating action; Storing devices specially adapted to suction cleaners or parts thereof; Carrying-vehicles specially adapted for suction cleaners

9/02. Nozzles (suction nozzles for fluid transport B65G 51/00)
9/04. with driven brushes or agitators
9/06. with fixed, e.g. adjustably fixed brushes or the like
9/10. Filters (in general B01D; cyclones B04C); Dust separators; Dust removal; Automatic exchange of filters
9/14. Bags or the like; Attachment of, or closures for, bags
9/20. Means for cleaning filters
9/22. Mountings for motor fan assemblies
9/24. Hoses; Hose couplings (hoses or hose joints in general F16L)
9/26. Incorporation of winding devices for electric cables (devices specially adapted for repeatedly paying-out or re-storing cables B65H 75/34; arrangements of electrical cables or lines between relatively-movable parts H02G 11/00)
9/28. Installation of the electric equipment, e.g. adaptation or attachment to the suction cleaner; Regulation of suction cleaners by electric means
9/30. Arrangement of illuminating devices
9/32. Handles

Cleaning floors, carpets, furniture, walls, or wall coverings

11/00 Machines for cleaning floors, carpets, furniture, walls, or wall coverings
11/29. Floor-scrubbing machines characterised by means for taking-up dirty liquid

13/00 Implements for cleaning floors, carpets, furniture, walls, or wall coverings (brushes, their handles or fastenings A46B, B25G; scrapers for finishing work on buildings E04F 21/00)
13/02. Scraping
13/10. Scrubbing; Scouring; Cleaning; Polishing
13/16. Cloths; Pads; Sponges (metal scraping sponges A47L 13/02)
13/20. Mops

Cleaning or polishing household articles or the like

15/00 Washing or rinsing machines for crockery or table-ware
15/14. with stationary crockery baskets and spraying devices within the cleaning chamber
15/42. Details
15/44. Devices for adding cleaning agents
15/46. Devices for the automatic control of the different phases of cleaning
15/48. Drying arrangements
15/50. Racks

17/00 Apparatus or implements used in manual washing or cleaning of crockery, table-ware, cooking-ware or the like (foam-making devices A47K 5/00)

19/00 Drying devices for crockery or table-ware, e.g. teacloths

21/00 Polishing of table-ware, e.g. knives, forks, spoons

23/00 Cleaning footwear

25/00 Domestic cleaning devices not provided for in other groups of this subclass (for cleaning spectacles G02C 13/00)
HEALTH; AMUSEMENT

A61 MEDICAL OR VETERINARY SCIENCE; HYGIENE

A61B DIAGNOSIS; SURGERY; IDENTIFICATION (analysing biological material G01N, e.g. G01N 33/48; obtaining records using waves other than optical waves, in general G03B 42/00)

Note

This subclass covers instruments, implements, and processes for diagnostic, surgical and person-identification purposes, including obstetrics, instruments for cutting corns, vaccination instruments, finger-printing, psycho-physical tests.

Subclass Index

MEDICINAL METHODS (NON-SURGICAL)..... 1/00, 5/00, 17/00
INSTRUMENTS FOR PSYCHO-PHYSICAL
TESTS ................................................................. 5/00
MEDICAL INSTRUMENTS
For auscultation and diagnostics............. 5/00 to 10/00
For medical examination of the interior of cavities or tubes of the body and the eyes ............................ 1/00, 3/00

Diagnosis: Psycho-physical tests

1/00 Instruments for performing medical examinations of the interior of cavities or tubes of the body by visual or photographic inspection, e.g. endoscopes (examination of body cavities or body tracts using ultrasonic, sonic or infrasonic waves A61B 8/12; endoscopic instruments for taking cell samples or for biopsy A61B 10/02; for surgical purposes A61B 17/00; surgical instruments using a laser beam being directed along or through a flexible conduit A61B 18/20); Illuminating arrangements therefor (for the eyes A61B 3/00) [4]

1/002 . having rod-lens arrangements (A61B 1/055 takes precedence) [6]
1/005 . Flexible endoscopes [6]
1/008 . . Articulations [6]
1/012 . . characterised by internal passages or accessories therefor [6]
1/04 . combined with photographic or television appliances [2]
1/045 . . Control thereof [6]
1/05 . . characterised by the image sensor, e.g. camera, being in the distal end portion [6]
1/055 . . having rod-lens arrangements [6]
1/06 . with illuminating arrangements
1/12 . with cooling or rinsing arrangements (A61B 1/012 takes precedence) [6]
1/227 . for ears, i.e. otoscopes [6]
1/233 . . for the nose, i.e. nasoscopes [6]
1/24 . for the mouth, i.e. stomatoscopes, e.g. with tongue depressors (tongue depressors per se A61B 13/00); Instruments for opening or keeping open the mouth (combined with saliva removers A61C 17/06; mouth openers for animals A61D 15/00) [5]
1/267 . for the respiratory tract, e.g. laryngoscopes, bronchoscopes [6]
1/273 . for the upper alimentary canal, e.g. oesophagoscopes, gastroscopes [6]
1/303 . for the vagina, i.e. vaginoscopes [6]

A61B DIAGNOSIS .............................. 19/00
ACCESSORIES FOR SURGERY OR OTHER INSTRUMENTS, IMPLEMENTS OR METHODS ......................................................... 17/00; 18/00

Aids for examination and care of the mouth.................................................. 1/00, 13/00
SURGICAL INSTRUMENTS, DEVICES OR METHODS ......................................................... 17/00; 18/00
OTHER INSTRUMENTS, IMPLEMENTS OR ACCESSORIES FOR SURGERY OR DIAGNOSIS ......................................................... 19/00

3/00 Apparatus for testing the eyes; Instruments for examining the eyes (eye inspection using ultrasonic, sonic or infrasonic waves A61B 8/10; devices for treatment of the eyes A61F 5/00; devices for exercising the eyes A61H 5/00; optical systems in general G02B) [4,5]

3/02 . Subjective types, i.e. testing apparatus requiring the active assistance of the patient [5]
3/10 . Objective types, i.e. instruments for examining the eyes independent of the patients perceptions or reactions [5]
3/103 . . for determining refraction, e.g. refractometers, skiascopes [5]
3/107 . . for determining the shape or measuring the curvature of the cornea [5]
3/11 . . for measuring interpupillary distance or diameter of pupils [5]
3/113 . . for determining or recording eye movement [5]
3/117 . . for examining the anterior chamber or the anterior chamber angle, e.g. gonioscopes [5]
3/12 . . for looking at the eye fundus, e.g. ophthalmoscopes (A61B 3/13 takes precedence) [5]
3/15 . . . with means for aligning, spacing or blocking spurious reflection [5]
3/16 . . for measuring intraocular pressure, e.g. tonometers [5]
3/18 . . Arrangement of plural eye-testing or -examining apparatus [5]
5/00 Measuring for diagnostic purposes (radiation diagnosis A61B 6/00; diagnosis by ultrasonic, sonic or infrasonic waves A61B 8/00); Identification of persons

Note
In this group, the following term is used with the meaning indicated: [7]

- “measuring” covers also detecting or recording. [7]

5/01 Measuring temperature of body parts (clinical thermometers G01K 5/00; thermometers for special purposes G01K 13/00) [7]

5/02 Measuring pulse, heart rate, blood pressure or blood flow; Combined pulse/heart-rate/blood pressure determination; Evaluating a cardiovascular condition not otherwise provided for, e.g. using combinations of techniques provided for in this group with electrocardiography; Heart catheters for measuring blood pressure [5]

5/0205 . Simultaneously evaluating both cardiovascular conditions and different types of body conditions, e.g. heart and respiratory condition [5]

5/021 Measuring pressure in heart or blood vessels (A61B 5/0205 takes precedence) [5]

5/0215 . by means inserted into the body (solid probes A61M 23/00; catheters A61M 25/00) [5]

5/022 . by applying pressure to close blood vessels, e.g. against the skin; Ophthalmodynamometers [5]

5/0225 . the pressure being controlled by electric signals, e.g. derived from Korotkoff sounds [5]

5/024 . Measuring pulse rate or heart rate (A61B 5/0205, A61B 5/021 take precedence) [5]


5/03 Measuring fluid pressure within the body other than blood pressure, e.g. cerebral pressure [4]

5/04 Measuring bioelectric signals of the body or parts thereof (electrically conductive preparations for use in therapy or testing in vivo A61K 50/00)

5/0402 . Electrocardiography, i.e. ECG [5]

5/0408 . Electrodes specially adapted therefor (for foetal cardiology A61B 5/0402; for electroencephalograph signals A61B 5/0476; for electromyography A61B 5/0488) [5]

5/0432 . Recording apparatus specially adapted therefor [5]

5/0452 . Detecting specific parameters of the electrocardiographic cycle [5]


5/0496 . Electro-oculography, e.g. detecting nystagmus [5]

5/05 Measuring for diagnosis by means of electric currents or magnetic fields (A61B 5/02, A61B 5/04, A61B 5/11 take precedence) [5]

5/053 . Measuring electrical impedance or conductance of a portion of the body [7]

5/055 . involving electronic (EMR) or nuclear (NMR) magnetic resonance, e.g. magnetic resonance imaging (arrangements or instruments for measuring magnetic variables involving electronic or nuclear magnetic resonance, in general G01R 33/20) [5]

5/06 Devices, other than using radiation, for detecting or locating foreign bodies (for removing same A61B 17/50)

5/07 Endoradiosondes

5/08 Measuring devices for evaluating the respiratory organs (A61B 5/0205 takes precedence) [5]

5/103 Measuring devices for testing the shape, pattern, size or movement of the body or parts thereof, for diagnostic purposes (A61B 5/08 takes precedence; measuring aids for tailors A41H 1/00; measuring instruments specially adapted for dentistry A61C 19/04) [5]

5/107 . Measuring physical dimensions, e.g. size of the entire body or parts thereof [5]

5/11 Measuring movement of the entire body or parts thereof, e.g. head or hand tremor, mobility of a limb (measuring pulse A61B 5/02) [5]

5/117 Identification of persons, e.g. finger-printing, footprinting, impression techniques (dental impression cups or articulators A61C 9/00; A61C 11/00; recognition of data G06K; recognising finger-prints G06K 9/00; identification tags G09F 3/00; speaker identification G10L 17/00) [5]

5/12 Audimetry

5/145 Measuring characteristics of blood in vivo, e.g. gas concentration, pH-value (measuring of blood pressure or blood flow A61B 5/02; non-radiation detecting or locating of foreign bodies in blood A61B 5/06) [7]

5/15 Devices for taking samples of blood (hypodermic syringes A61M 5/178) [7]

5/16 Devices for psychotechnics (testing capability G09B 1/00 to G09B 5/00); Testing reaction times

5/20 Measuring urological functions [4]

5/22 Ergometry; Measuring muscular strength or the force of a muscular blow (measuring of work or force, in general G01L) [4]

6/00 Apparatus for radiation diagnosis, e.g. combined with radiation therapy equipments (X-ray contrast preparations A61K 49/04; preparations containing radioactive substances A61K 51/00; radiation therapy per se A61N 5/00; instruments measuring radiation intensity for application in the field of nuclear medicine, e.g. in vivo counting, G01T 1/00; apparatus for taking X-ray photographs G03B 42/02; X-ray photographic processes G03C 5/16; irradiation devices G21K; X-ray apparatus or circuits therefor H05G 1/00)

6/02 Devices for diagnosis sequentially in different planes; Stereoscopic radiation diagnosis (stereoscopic photography G03B 35/00)

6/03 . Computerised tomographs (echo-tomography A61B 8/14; data processing equipment for medical or biological purposes G06F 17/00, G06F 19/00) [4]

6/04 Positioning of patients; Tiltable beds or the like (operating tables A61G 13/00; operating chairs A61G 15/00)

6/06 Diaphragms

6/08 Auxiliary means for directing the radiation beam to a particular spot, e.g. using light beams

6/10 Application or adaptation of safety means (protection against dangerous radiation in general G21F)

6/12 Devices for detecting or locating foreign bodies (A61B 6/02 takes precedence)

6/14 Applications or adaptations for dentistry

7/00 Instruments for auscultation
**Int.Cl. (8th edition, 2006)** Vol. 1, Section A

**A61B**

**8/00** Diagnosis using ultrasonic, sonic or infrasonic waves (ultrasound therapy A61N 7/00; systems using the reflection or reradiation of acoustic waves, e.g. acoustic imaging, G01S 15/00) [4]

8/04 . Measuring pulse or heart rate [4]

8/06 . Measuring blood pressure [4]

8/08 . Measuring blood flow (measuring volume flow in general G01F, e.g. G01F 1/66, G01F 1/72; measuring speed of fluids in general G01P 5/00) [4]


8/12 . in body cavities or body tracts, e.g. by using catheters (catheters per se A61M 25/00) [4]

8/13 . Tomography (A61B 8/10, A61B 8/12 take precedence; tomography for radiation diagnosis A61B 6/02) [5]


**9/00** Instruments for examination by percussion; Pexioneters

**10/00** Other methods or instruments for diagnosis, e.g. for vaccination diagnosis (vaccination prophylaxis, vaccination therapy A61B 17/20); Sex determination; Ovulation-period determination (menstruation tables G06C 3/00); Throat striking implements [4,8]

**Note**

Attention is drawn to group A61F 13/15 which provides for swabs. [5]

**10/02** . Instruments for taking cell samples or for biopsy (devices for taking samples of blood A61B 5/15) [8]

**13/00** Instruments for depressing the tongue (combined with illuminating and viewing instruments A61B 1/24; combined with salivary removers A61C 17/06) [5]

**16/00** Devices specially adapted for vivisection or autopsy (similar devices for medical purposes, see the relevant groups for such devices)

**Surgery**

**17/00** Surgical instruments, devices or methods, e.g. tourniquets (A61B 18/00 takes precedence; contraceptive devices, pessaries, or applicators thereto A61F 6/00; eye surgery A61F 9/007; ear surgery A61F 11/00) [3,7]

**Note**

When classifying in this group, classification is also made in group A61B 17/14 if the endoscopic features of the surgical instrument are of interest. [8]

17/02 . for holding wounds open; Tractors (drainage appliances for wounds A61M 27/00)

17/03 . for closing wounds, or holding wounds closed, e.g. surgical staples; Accessories for use therewith [6]

17/04 . . for suturing wounds; Holders or packages for needles or suture materials (suture materials A61L 17/00) [3]

17/06 . . . Needles; Holders or packages for needles or suture materials (puncturing needles A61B 17/34; nerve needles A61C 5/02; hypodermic needles A61M 5/32) [3]


17/064 . . Surgical staples [5]

17/068 . . Surgical staplers (for performing anastomosis A61B 17/03) [5]

17/12 . for ligaturing or otherwise compressing tubular parts of the body, e.g. blood vessels, umbilical cord (especially adapted for vas deferens or fallopian tubes A61F 6/00; materials for ligaturing blood vessels A61L 17/00)

17/14 . Surgical saws (tooth saws A61C 3/00; cast-cutting saws A61F 15/00)

17/16 . Osteoclasts; Drills or chisels for bones; Trepans

17/20 . for vaccinating or cleaning the skin previous to the vaccination (diagnosis by vaccination A61B 10/00; apparatus for injections A61M)

17/22 . Implements for squeezing-off ulcers or the like on inner organs of the body; Implements for scraping-out cavities of body organs, e.g. bones (for biopsy A61B 10/02; gynaecological or obstetrical instruments or methods A61B 17/42); for invasive removal or destruction of calculi using mechanical vibrations (ultrasound therapy A61N 7/00); for removing obstructions in blood vessels, not otherwise provided for (dilators A61M 29/00) [6,8]

17/225 . for extracorporeal shock wave lithotripsy (ESWL), e.g. by using ultrasonic waves (ultrasound therapy A61N 7/00) [6]

17/24 . for use in the oral cavity, larynx, bronchial passages or nose (for medical inspection of cavities or tubes in the body A61B 1/00; Tongue scrapers

17/28 . Surgical forceps (biopsy forceps A61B 10/02; obstetrical forceps A61B 17/42) [1,8]

17/30 . Surgical pincesses (wound clamps A61B 17/03)

17/32 . Surgical cutting instruments (implants for ligaturing and cutting A61B 17/12) [3,8]

17/322 . . Skin grafting apparatus [2]

17/326 . . Circumcision apparatus

17/34 . Trocars; Puncturing needles [2]

17/42 . Gynaecological or obstetrical instruments or methods (dilators A61M 29/00)

17/50 . Instruments, other than pincesses or toothpicks, for removing foreign bodies from the human body (locating otherwise A61B 5/06; locating by radiation A61B 6/00)

17/54 . Chiropodists’ instruments

17/56 . Surgical instruments or methods for treatment of bones or joints; Devices specially adapted thereto (orthopaedic methods or devices for non-surgical treatment of bones or joints A61F 5/00) [4]

17/58 . . for osteosynthesis, e.g. bone plates, screws or the like (A61B 17/14; A61B 17/16 take precedence) [4,6]

17/60 . . . for external osteosynthesis, e.g. distractors, contractors (bandages, dressings or absorbent pads A61F 13/00) [4]

17/68 . . . Internal fixation devices [6]

17/70 . . . . Spinal positioners or stabilisers [6]

17/88 . . . Methods or means for implanting or extracting internal fixation devices [6]

17/94 . Endoscopic surgical instruments (endoscopic instruments for taking cell samples or for biopsy A61B 10/02) [8]
### A61B – A61C

#### 18/00 Surgical instruments, devices or methods for transferring non-mechanical forms of energy to or from the body (eye surgery A61F 9/007; ear surgery A61F 11/00) [7]

- 18/04 . by applying electromagnetic radiation A61B 18/18; hyperthermia using electric or magnetic fields, radiation or ultrasound A61N) [7]
- 18/12 . by passing a current through the tissue to be heated, e.g. high-frequency current [7]
- 18/14 . Probes or electrodes therefor [7]

#### 19/00 Instruments, implements or accessories for surgery or diagnosis not covered by any of the groups A61B 1/00 to A61B 18/00, e.g. for stereotaxis, sterile operation, luxation treatment, wound edge protectors (protective face masks A41D 13/05; surgeons' or patients' gowns or dresses A41D 13/12; devices for carrying-off, for treatment of, or for carrying-over, body liquids A61M 1/00)

### A61C DENTISTRY; ORAL OR DENTAL HYGIENE

- (tooth brushes A46B; preparations for dentistry A61K 6/00)

#### Subclass Index

- **DENTAL SURGERY** ...................................................... 1/00 to 8/00
- **DENTAL PROSTHETICS; ARTIFICIAL TEETH** ...................... 9/00 to 13/00
- **CLEANING OF TEETH OR MOUTH** .............................. 15/00, 17/00
- **DENTAL AUXILIARY APPLIANCES** ............................... 19/00

### Dental surgery

- **1/00 Dental machines for boring or cutting**
  - 1/08 . Machine parts specially adapted for dentistry
- **3/00 Dental tools or instruments** (implanting tools A61C 8/00; tools for fastening artificial teeth A61C 13/00; visual inspection devices, e.g. dental mirrors, A61B 1/24)
  - 3/02 . Tooth drilling or cutting instruments; Instruments acting like a sandblast machine
  - 3/06 . Tooth grinding or polishing discs; Holders therefor
- **5/00 Filling or capping teeth**
  - 5/02 . Implements for surgical treatment of the roots or nerves of the teeth; Nerve needles; Methods or instruments for medication of the roots (substances for chemical treatment A61K 6/00)
  - 5/04 . Implements for filling natural teeth; Methods or instruments for medication of tooth nerve channels (composition of the fillings A61K 6/02)
  - 5/08 . Tooth crowns; Making same; Securing crowns in the mouth (dental implants A61C 8/00)
- **7/00 Orthodontics, i.e. obtaining or maintaining the desired position of teeth, e.g. by straightening, evening, regulating, separating, or by correcting malocclusions**
  - 8/00 Means to be fixed to the jaw-bone for consolidating natural teeth or for fixing dental prostheses thereon; Dental implants; Implanting tools (fastening of peg-teeth in the mouth A61C 13/225) [2]
  - 8/02 Means for transfusion of natural teeth [4]

### Dental prosthetics: Artificial teeth

- **(preparations for dentistry A61K 6/00) [3]**
  - **9/00 Impression cups; Impression methods [3]**
  - **11/00 Dental articulators, i.e. for simulating movement of the temporomandibular joints; Articulation forms or mouldings**

- **13/00 Dental prostheses; Making same** (tooth crowns for capping teeth A61C 5/08; dental implants A61C 8/00) [4]
  - 13/003 . Prostheses without bases, e.g. dental bridges (fastening prostheses in the mouth A61C 13/225); Making same (artificial teeth A61C 13/08) [6]
  - 13/007 . Prostheses with bases, e.g. palates or plates; Making same [6]
  - 13/08 . Artificial teeth; Making same (kilns for artificial teeth F27B)
  - 13/20 . Methods or devices for soldering, casting, moulding or melting [4]
  - 13/225 . Fastening prostheses in the mouth (securing tooth crowns in capping teeth A61C 5/08; bases for prostheses A61C 13/007) [4]

### Tooth-cleaning or mouth-rinsing devices

- **(non-driven toothbrushes A46B; preparations for cleaning the teeth or mouth A61K 8/00, A61Q 11/00) [3,5]**

- **15/00 Devices for cleaning between the teeth**

- **17/00 Devices for cleaning, polishing, rinsing or drying teeth, teeth cavities or prostheses** (instruments acting like a sandblast machine A61C 3/02; tooth polishing discs or holders therefor A61C 3/06; devices for cleaning between the teeth A61C 15/00; Saliva removers; Dental appliances for receiving spittle [5]

### Note

Cleaning of prostheses using ultrasonic techniques similar to those used for natural teeth is classified in this group. Other ultrasonic cleaning of prostheses is classified in group B08B 3/12. [5]

- **17/06 . Saliva removers; Accessories therefor [5]**
- **17/16 . Power-driven cleaning or polishing devices [5]**

- **19/00 Dental auxiliary appliances** (dental chairs or accessories therefor, working stands whether or not combined with chairs A61G 15/00)

- **19/04 . Measuring instruments specially adapted for dentistry (radiation diagnosis A61B 6/00)**
A61D VETERINARY INSTRUMENTS, IMPLEMENTS, TOOLS, OR METHODS

Note
This subclass covers only instruments, implements, tools, or methods specially adapted for use with animals.

Subclass Index
SURGERY AND DENTAL TREATMENT ......................... 1/00, 5/00
CARE OF ANIMALS ................................................ 7/00 to 13/00
IMPLEMENTS FOR RESTRAINING, FOR MOUTH-OPENING ........................................................ 3/00, 15/00
DEVICES FOR INDICATING TROUBLE DURING LABOUR ............................................................. 17/00

1 /00 Surgical instruments for veterinary use
3 /00 Appliances for supporting or fettering animals for operative purposes (fettering in slaughter houses A22B 1/00)
5 /00 Instruments for treating animals’ teeth
7 /00 Devices or methods for introducing solid, liquid, or gaseous remedies or other materials into or onto the bodies of animals (for reproduction or fertilisation A61D 19/00; syringes A61M) [5]
9 /00 Bandages, poultices, compresses specially adapted to veterinary purposes (fetlock-joint protecting rings A01K 13/00)
11 /00 Washing devices or gaseous curative baths specially adapted to veterinary purposes (milking machine accessories for treatment of udders or teats A01J 7/00)
13 /00 Thermometer holders specially adapted to veterinary purposes
15 /00 Mouth openers (devices to prevent crib-biting A01K 13/00)
17 /00 Devices for indicating trouble during labour of animals
19 /00 Instruments or methods for reproduction or fertilisation [5]
99 /00 Subject matter not provided for in other groups of this subclass [8]

A61F FILTERS IMPLANTABLE INTO BLOOD VESSELS; PROSTHESES; DEVICES PROVIDING PATENCY TO, OR PREVENTING COLLAPSING OF, TUBULAR STRUCTURES OF THE BODY, E.G. STENTS; ORTHOPAEDIC, NURSING OR CONTRACEPTIVE DEVICES; FOMENTATION; TREATMENT OR PROTECTION OF EYES OR EARS; BANDAGES, DRESSINGS OR ABSORBENT PADS; FIRST-AID KITS (dental prosthetics A61C) [6,8]

Subclass Index
FILTERS IMPLANTABLE INTO BLOOD VESSELS; PROSTHESES OR ACCESSORIES ................................................. 2/00, 3/00
INVALID OPERATED APPARATUS OR DEVICES ...................................................................................... 4/00
ORTHOPAEDICS, NURSING, OR CONTRACEPTIVE DEVICES .......................................................... 5/00, 6/00

Filters, devices providing patency to tubular structures, prostheses or accessories (anatomic models, educational appliances G09B)

2 /00 Filters implantable into blood vessels; Prostheses, i.e. artificial substitutes or replacements for parts of the body; Appliances for connecting them with the body; Devices providing patency to, or preventing collapsing of, tubular structures of the body, e.g. stents (as cosmetic articles, see the relevant subclasses, e.g. wigs, hair pieces, A41G 3/00, A41G 5/00, artificial nails A45D 31/00; dental prostheses A61C 13/00; materials for prostheses A61L 27/00; artificial hearts A61M 1/10; artificial kidneys A61M 1/14) [4,6,8]
2/01 Filters implantable into blood vessels [6]
2/02 Prostheses implantable into the body [4]
2/04 Hollow or tubular parts of organs, e.g. bladders, tracheae, bronchi, bile ducts (A61F 2/18, A61F 2/20 take precedence; devices providing patency to, or preventing collapsing of, tubular structures of the body, e.g. stents A61F 2/82) [4,8]
2/06 Blood vessels [4]
2/08 Muscles; Tendons; Ligaments [4]
2/10 Hair or skin implants [4]
2/12 Mammary prostheses [4]
2/14 Eye parts, e.g. lenses, corneal implants (removable contact lenses G02C 7/04); Artificial eyes (making thereof from organic plastic material B29C, B29D 11/00) [4]
2/16 Intraocular lenses [4]
2/18 Internal ear or nose parts, e.g. ear-drums [4]
5 / 01 . Orthopaedic devices, e.g. long-term immobilising or pressure directing devices for treating broken or deformed bones such as splints, casts or braces
5 / 02 . Orthopaedic corsets (arm-rests for use as writing aids B43L 15/00)
5 / 04 . Devices for stretching or reducing fractured limbs; Devices for distractions; Splints [4]
5 / 14 . Special medical insertions for shoes for flat-feet, club-feet, or the like (ordinary arch supports A43B 7/14)
5 / 37 . Restraining devices for the body or for body parts; Restraining shirts
5 / 40 . Suspension bandages
5 / 41 . Devices for promoting penis erection (penis implants A61F 2/26; massage of the genitals A61H 19/00) [4]
5 / 44 . Devices worn by the patient by reception of urine, faeces, catamenial or other discharge (absorbent pads, e.g. sanitary towels, A61F 13/15; drainage appliances for wounds A61M 27/00); Colostomy devices (adhesives for colostomy devices A61L 24/00; materials for colostomy devices A61L 28/00)
5 / 441 . having deodorant means, e.g. filters [4]
5 / 442 . having irrigation ports or means (irrigators A61M 3/00) [4]
5 / 443 . having hydrocolloid type seals, e.g. gels, starches, karaya gums [4]
5 / 48 . Devices for preventing wetting or pollution of the bed
5 / 50 . Devices for preventing finger-sucking
5 / 56 . Devices for preventing snoring
5 / 58 . Apparatus for correcting stammering or stuttering

6 / 00 Contraceptive devices; Pessaries; Applicators thereof (chemical aspects of contraception A61K) [5]

7 / 00 Heating or cooling appliances for medical or therapeutic treatment of the human body (heating or cooling means in connection with bedsteads or mattresses A47C 21/00; hyperthermia using electric or magnetic fields or ultrasound A61N; electric heating elements H05B) [5]
7 / 02 . Compresses or poultices for effecting heating or cooling [3]
7 / 08 . Warming pads, pans or mats (A61F 7/02 takes precedence); Hot-water bottles [3]
7 / 12 . Devices for heating or cooling internal body cavities

Treatment or protection of the eyes or ears; Substitution by other senses

9 / 00 Methods or devices for treatment of the eyes; Devices for putting in contact-lenses; Devices to correct squinting; Apparatus to guide the blind; Protective devices for the eyes, carried on the body or in the hand (caps with means for protecting the eyes A42B 1/04; visors for helmets A42B 3/18; appliances for aiding patients or disabled persons to walk A61H 3/00; eyeprotheses A61H 19/00); sunglasses or goggles having the same features as spectacles G02C)
9 / 007 . Methods or devices for eye surgery [6]
9 / 02 . Goggles
9 / 04 . Eye-masks
9 / 08 . Devices or methods enabling eye-patients to replace direct visual perception by another kind of perception

11 / 00 Methods or devices for treatment of the ears, e.g. surgical; Protective devices for the ears, carried on the body or in the hand (headwear, e.g. caps or helmets, with means for protecting the ears A42B 1/04, A42B 3/04)

Bandages, dressings or absorbent pads; First-aid kits

13 / 00 Bandages or dressings (suspensory bandages A61F 5/40; radioactive dressings A61M 36/00); Absorbent pads (chemical aspects of, or use of materials for, bandages, dressings or absorbent pads A61L 15/00, A61L 26/00)
13 / 02 . Adhesive plasters or dressings (A61F 13/06 to A61F 13/15 take precedence; surgical adhesives or cements A61L 24/00) [4,5]
13 / 04 . Plaster of Paris bandages; Other stiffening bandages (A61F 13/06 to A61F 13/15 take precedence; orthopaedic casts made from stiffening bandages A61F 5/01)
13 / 06 . specially adapted for feet or legs; Corn-pads; Cornings
13 / 10 . specially adapted for fingers, hands, or arms; Finger-stalls; Nail-protectors

7/00 Beds specially adapted for the head or neck

13/12 .  specially adapted for the head or neck

13/14 .  specially adapted for the breast or abdomen (corsets or bandages for support of breast or abdomen

13/15 .  Absorbent pads, e.g. sanitary towels, swabs or

10/00 Facilities ................................................7/00; 10/00; 9/00, 12/00

13/20 .  Tampons, e.g. catamenial tampons; Accessories therefor [5]

13/36 .  Surgical swabs, e.g. for absorbency or packing body cavities during surgery (A61F 13/38,

10/00 Treatment rooms for medical purposes

12/00 Accommodation for nursing, e.g. in hospitals, not

13/20 .  Tampons, e.g. catamenial tampons; Accessories therefor [5]

13/56 .  Supporting or fastening means [5]

17/00 First-aid kits

A61G TRANSPORT, PERSONAL CONVEYANCES, OR ACCOMMODATION SPECIALLY ADAPTED FOR PATIENTS OR DISABLED PERSONS; OPERATING TABLES OR CHAIRS; CHAIRS FOR DENTISTRY; FUNERAL DEVICES (chairs or beds in general A47C; appliances for aiding patients or disabled persons to walk A61H 3/00)

Subclass Index

MEANS FOR DISPLACING DISABLED

PERSONS OR PATIENTS ................................................1/00 to 7/00

BEDS; TREATMENT ROOMS; NURSING

FACILITIES ................................................................7/00; 10/00; 9/00, 12/00

INCUBATORS OR COUVEUSES FOR

BABIES .............................................................................. 11/00

A61F – A61G

7/00 .  Swabs having a stick-type handle (A61F 13/40 takes precedence) [5]

13/38 .  .  Swabs having a stick-type handle (A61F 13/40 takes precedence) [5]

13/40 .  .  having means integral therewith for supplying media to the absorbent material, e.g. contained in a rupturable reservoir [5]

13/42 .  .  with wetness indicator or alarm [5]

13/44 .  .  with radio-opaque material or signalling means for residual material [5]

13/56 .  .  Supporting or fastening means [5]

15/00 Auxiliary appliances for wound dressings;

Dispensing containers for dressings or bandages

17/00 First-aid kits

APPLIANCES FOR OPERATING ROOMS

OR DENTISTS ROOMS ................................................13/00, 15/00

FUNERAL DEVICES ....................................................... 17/00 to 21/00

SUBJECT MATTER NOT PROVIDED FOR

IN OTHER GROUPS OF THIS SUBCLASS ............... 99/00

1/00 Stretchers

1/003 .  . with facilities for picking up patients or disabled persons, e.g. break-away type or using endless belts (devices in general for lifting patients or disabled persons A61G 7/10) [5]

1/007 .  . with skis or sled runners (ski vehicles A63C 5/00) [5]

3/00 Ambulance aspects of vehicles; Vehicles with special provisions for transporting patients or disabled persons, or their personal conveyances, e.g. for facilitating access of, or for loading, wheelchairs [5]

5/00 Chairs or personal conveyances specially adapted for patients or disabled persons, e.g. wheelchairs (chairs with toilet conveniences A47K 11/00; devices enabling patients or disabled persons to operate an apparatus or device not forming part of the body A61F 4/00; running gear or propulsion features B60K; bicycles specially adapted for disabled riders B62K 3/00) [1,8]

Note

Chairs for patients or disabled persons having removable seats specially adapted to be transferred with the patient or disabled person to a vehicle and support the patient or disabled person during use of the vehicle are classified in group A61G 3/00. [5]

Bed or accessories for patients or disabled persons; Treatment rooms for medical purposes; Accommodation for nursing

7/00 Beds specially adapted for nursing; Devices for lifting patients or disabled persons (A61F 5/04 takes precedence; stretchers with facilities for picking up patients or disabled persons A61G 1/003) [5,6]

7/002 .  . having adjustable mattress frame [5]

7/005 .  . tiltable around transverse horizontal axis, e.g. for Trendelenburg position [5]

7/008 .  . tiltable around longitudinal axis, e.g. for rolling [5]

7/02 .  . with toilet conveniences, or specially adapted for use with, toilets [5]

7/05 .  . Parts, details or accessories of beds (devices for prevention against falling out A47C 21/00, A47D 7/00) [5]

7/057 .  . Arrangements for preventing bed-sores or for supporting patients with burns, e.g. mattresses specially adapted therefor [5]

7/10 .  . Devices for lifting patients or disabled persons, e.g. special adaptations of hoists thereto

9/00 Bed-pans, urinals or other sanitary devices for bedridden persons; Cleaning devices therefor, e.g. combined with toilet-urinals (urinals worn by the patient A61F 5/44)

10/00 Treatment rooms for medical purposes (baby incubators, couveuses A61G 11/00; devices for gas baths with ozone, hydrogen or the like A61H 33/14; containers or portable cabins for affording breathing protection in general A62B 31/00) [4]

11/00 Baby-incubators; Couveuses

12/00 Accommodation for nursing, e.g. in hospitals, not covered by groups A61G 1/00 to A61G 11/00, e.g. trolleys for transport of medicaments or food (service or tea tables, trolleys or wagons A47B 31/00); Prescription lists

Operating tables or chairs; Dental chairs

13/00 Operating tables; Auxiliary appliances therefor (adjustability of tables in general A47B 9/00; illumination of operating tables F21)

15/00 Operating chairs; Dental chairs (barbers’ chairs A47C 1/00); Accessories specially adapted therefor, e.g. work stands [5]
### A61H

**PHYSICAL THERAPY APPARATUS, e.g. DEVICES FOR LOCATING OR STIMULATING REFLEX POINTS IN THE BODY; ARTIFICIAL RESPIRATION; MASSAGE; BATHING DEVICES FOR SPECIAL THERAPEUTIC OR HYGIENIC PURPOSES OR SPECIFIC PARTS OF THE BODY**

(methods or devices enabling patients or disabled persons to operate an apparatus or a device not forming part of the body A61F 4/00; electrotherapy, magnetotherapy, radiation therapy, ultrasound therapy A61N)

**Note**

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

- “physical therapy” covers the treatment of disease or disability by means, e.g. mechanical means, as opposed to drugs or surgery.
  - It includes, by way of example, massage, whirlpool baths and devices for exercising a passive body member.

### Subclass Index

<table>
<thead>
<tr>
<th>Group</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00</td>
<td>Apparatus for passive exercising (A61H 5/00 takes precedence); Vibrating apparatus; Chiropractic devices, e.g. body impacting devices, external devices for briefly extending or aligning unbroken bones (percussion or vibration massage A61H 23/00) [2]</td>
</tr>
<tr>
<td>1/02</td>
<td>Stretching or bending apparatus for exercising</td>
</tr>
<tr>
<td>3/00</td>
<td>Appliances for aiding patients or disabled persons to walk about (apparatus for helping babies to walk A47D 13/00; exercising apparatus for the feet or toes A63B 23/04)</td>
</tr>
<tr>
<td>5/00</td>
<td>Exercisers for the eyes</td>
</tr>
<tr>
<td>7/00</td>
<td>Devices for suction-kneading massage; Devices for massaging the skin by rubbing or brushing not otherwise provided for (brushes in general A46; bathing sponges, brushes, gloves or similar cleaning or rubbing implements not specially for massage A47K 7/02; suction devices for nursing A61M 1/06, A61M 1/08)</td>
</tr>
<tr>
<td>9/00</td>
<td>Pneumatic or hydraulic massage</td>
</tr>
<tr>
<td>11/00</td>
<td>Belts, strips, or combs for massage purposes</td>
</tr>
<tr>
<td>13/00</td>
<td>Gum massage</td>
</tr>
<tr>
<td>15/00</td>
<td>Massage by means of rollers, balls, e.g. inflatable, chains, or roller chains</td>
</tr>
<tr>
<td>19/00</td>
<td>Massage of the genitals</td>
</tr>
<tr>
<td>21/00</td>
<td>Massage devices for cavities of the body</td>
</tr>
<tr>
<td>23/00</td>
<td>Percussion or vibration massage, e.g. using supersonic vibration; Suction-vibration massage; Massage with moving diaphragms</td>
</tr>
<tr>
<td>23/02</td>
<td>with electric or magnetic drive [2]</td>
</tr>
<tr>
<td>23/04</td>
<td>with hydraulic or pneumatic drive</td>
</tr>
<tr>
<td>23/06</td>
<td>Hand percussion</td>
</tr>
<tr>
<td>31/00</td>
<td>Artificial respiration or heart stimulation (artificial respiration by treatment with gas or air, e.g. mouth-to-mouth respiration, A61M 16/00; applying electric currents by contact electrodes for stimulation, e.g. heart pace-makers, A61N 1/36)</td>
</tr>
<tr>
<td>33/00</td>
<td>Bathing devices for special therapeutic or hygienic purposes (A61H 35/00 takes precedence; for subaquatic intestinal cleaning A61M 9/00; electric or magnetic baths, applying ionised fluids A61N 1/00) [6]</td>
</tr>
<tr>
<td>33/02</td>
<td>Bathing devices for use with gas-containing liquid, or liquid in which gas is led or generated, e.g. carbon dioxide baths</td>
</tr>
<tr>
<td>33/04</td>
<td>Appliances for sand, mud, or foam baths; Appliances for metal baths, e.g. using metal salt solutions [6]</td>
</tr>
</tbody>
</table>
33/06  . Artificial hot-air or cold-air baths; Steam or gas baths or douches, e.g. sauna or Finnish baths (pneumatic chambers A61G 10/00)
33/14  . Devices for gas baths with ozone, hydrogen, or the like (production of ozone or hydrogen C01B, C25B 1/00)
35/00  Baths for specific parts of the body, e.g. breast douches (bidets without upward-spraying means A47K 3/26; devices for cleaning the buttocks A47K 7/00; for subaquatic intestinal cleaning A61M 9/00) [6]
36/00  Sweating suits

37/00  Accessories for massage [6]
39/00  Devices for locating or stimulating specific reflex points of the body for physical therapy, e.g. acupuncture (locating by bioelectric signal detection A61B 5/04; locating by using electric currents or magnetic fields A61B 5/05) [2]
39/04  . Devices for pressing such points, e.g. shiatsu (massage or pressure on general areas A61H 9/00 to A61H 23/00) [2]
99/00  Subject matter not provided for in other groups of this subclass [8]

A61J CONTAINERS SPECIALLY ADAPTED FOR MEDICAL OR PHARMACEUTICAL PURPOSES; DEVICES OR METHODS SPECIALLY ADAPTED FOR BRINGING PHARMACEUTICAL PRODUCTS INTO PARTICULAR PHYSICAL OR ADMINISTERING FORMS; DEVICES FOR ADMINISTERING FOOD OR MEDICINES ORALLY; BABY COMFORTERS; DEVICES FOR RECEIVING SPITTLE

Subclass Index
CONTAINERS SPECIALLY ADAPTED FOR MEDICAL OR PHARMACEUTICAL PURPOSES ................................................................................ 1/00
DEVICES OR METHODS SPECIALLY ADAPTED FOR BRINGING PHARMACEUTICAL PRODUCTS INTO PARTICULAR PHYSICAL OR ADMINISTERING FORMS ...................................................... 3/00
ADMINISTRATION OF FOOD OR MEDICINE
    Feeding-bottles, teats, feeding-tubes ...9/00, 11/00, 15/00
    Other devices................................................................. 7/00
    Breast-nipple shields ................................................... 13/00
    BABY COMFORTERS............................................................. 17/00
    DEVICES FOR RECEIVING SPITTLE............................................. 19/00

1/00  Containers specially adapted for medical or pharmaceutical purposes (capsules or the like for oral use A61J 3/07; boxes for medical appliances, doctors' bags A61B 19/00; antithrombogenic treatment of articles for conditioning blood A61L 33/00; devices for introducing media into or onto the body A61M; containers with special dispensing means for pills or tablets B65D 83/04; containers for radioactive substances G21F 5/00) [4,5]
1/05  . for collecting, storing or administering blood, plasma or medical fluids [5]
1/06  . . Ampoules or cartridges (syringe ampoules or cartridges A61M 5/28)
1/14  . . Details; Accessories therefor (A61J 7/00 takes precedence; openers B65D, B67B 7/00) [5]
3/00  Devices or methods specially adapted for bringing pharmaceutical products into particular physical or administering forms (chemical aspects, see the relevant classes)
3/06  . into the form of pills, lozenges or dragees
3/07  . into the form of capsules or similar small containers for oral use
3/10  . into the form of compressed tablets (tablet presses B30B 11/00)
A61K  PREPARATIONS FOR MEDICAL, DENTAL, OR TOILET PURPOSES (bringing into special physical form A61J; chemical aspects of, or use of materials for deodorisation of air, for disinfection or sterilisation, or for bandages, dressings, absorbent pads or surgical articles A61L; compounds per se C01, C07, C08, C12N; soap compositions C11D; micro-organisms per se C12N)

Notes
(1) This subclass covers the following subject matter, whether set forth as a composition (mixture), process of preparing the composition or process of treating using the composition:
(a) Drug or other biological compositions which are capable of:
  – preventing, alleviating, treating or curing abnormal or pathological conditions of the living body by such means as destroying a parasitic organism, or limiting the effect of the disease or abnormality by chemically altering the physiology of the host or parasite (biocides A01N 25/00 to A01N 65/00);
  – maintaining, increasing, decreasing, limiting, or destroying a physiological body function, e.g. vitamin compositions, sex sterilants, fertility inhibitors, growth promoters, or the like (sex sterilants for invertebrates, e.g. insects, A01N; plant growth regulators A01N 25/00 to A01N 65/00); [1,7]
  – diagnosing a physiological condition or state by an in vivo test, e.g. X-ray contrast or skin patch test compositions (measuring or testing processes involving enzymes or micro-organisms C12Q; in vitro testing of biological material, e.g. blood, urine, G01N, e.g. G01N 33/48);
  – containing organic compounds
  – containing inorganic ingredients
  – obtained by treating material with wave energy or particles
  – containing radioactive ingredients
  – containing undetermined constitution
(b) Body treating compositions generally intended for deodorising, protecting, adornning or grooming a body, e.g. cosmetics, dentifrices, tooth filling materials.
(2) Attention is drawn to the definitions of groups of chemical elements following the title of section C.
(3) Attention is drawn to the notes in class C07, for example the notes following the title of the subclass C07D, 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 A61K. [8]
(4) In this subclass, with the exception of group A61K 8/00, in the absence of an indication to the contrary, classification is made in the last appropriate place.
(5) Therapeutic activity of medicinal preparations is further classified in subclass A61P. [7]

Subclass Index
DENTAL PREPARATIONS ..........................................................6/00
COSMETICS, PERFUMES..........................................................8/00
PHARMACEUTICAL PREPARATIONS
  characterised by form.........................................................9/00
  characterised by active ingredients
    organic active ingredients.........31/00, 35/00, 36/00, 38/00
    inorganic active ingredients.......33/00, 35/00
    materials from animals,
    protozoa, bacteria or viruses..............35/00
    materials from algae, fungi
    lichens or plants......................................................36/00

6/00 Preparations for dentistry (teeth cleaning preparations A61K 8/00, A61Q 11/00; dentistry A61C; fastening dental prostheses in the mouth using adhesive foils or adhesive compositions A61C 13/225) [3]
  6/02 Use of preparations for artificial teeth, for filling or for capping teeth [3]
  6/10 Compositions for taking dental impressions (impression methods A61C 9/00) [3]

8/00 Cosmetics or similar toilet preparations (casings or accessories for storing or handling of solid or pasty toilet or cosmetic substances A45D 40/00) [8]

Note
Use of cosmetics or similar toilet preparations is further classified in subclass A61Q. [8]

8/02 characterised by special physical form [8]

Note
In this group, in the absence of an indication of the contrary, classification is made in the last appropriate place. [8]

8/03 Liquid compositions with two or more distinct layers [8]
8/04 Dispersions; Emulsions [8]
8/11 Encapsulated compositions [8]
8/14 Liposomes [8]
8/18 characterised by the composition [8]

8/19 containing inorganic ingredients [8]
8/30 containing organic compounds [8]
8/72 containing organic macromolecular compounds [8]
8/92 Oils, fats or waxes; Derivatives thereof, e.g. hydrogenation products [8]
8/96 containing materials, or derivatives thereof, of undetermined constitution [8]

8/96 inorganic active ingredients........33/00, 35/00
 obtained by treating material
 with wave energy or particle
 radiation .........................................................41/00
 for testing in vivo ...........................................49/00, 51/00
 radioactive ingredients ..................51/00
Vaccines.................................................................39/00, 45/00
Carriers.................................................................47/00
Medicinal preparations with genetic material, gene therapy....................48/00

8/18 characterised by the composition [8]

8/92 Oils, fats or waxes; Derivatives thereof, e.g. hydrogenation products [8]
8/96 containing materials, or derivatives thereof, of undetermined constitution [8]
9/00 Medicinal preparations characterised by special physical form (nuclear magnetic resonance contrast preparations or magnetic resonance imaging contrast preparations A61K 49/06; preparations containing radioactive substances A61K 51/12)

9/02 . Suppositories; Bougies; Bases for suppositories or bougies (apparatus for making A61J 3/00; devices for introducing into the body A61M 31/00)

9/06 . Ointments; Bases therefor (apparatus for making A61J 3/00)

9/08 . Solutions [2,3]
9/10 . Dispersions; Emulsions [2,3]
9/113 . . Multiple emulsions, e.g. oil-in-water-in-oil [5]
9/12 . . Aerosols; Foams [2,3]
9/133 . . Unilamellar vesicles [5]
9/14 . Particulate form, e.g. powders (microcapsules A61K 9/50) [2]
9/16 . . Agglomerates; Granulates; Microbeadlets [2]
9/19 . . lyophilised [6]
9/20 . . Pills, lozenges or tablets [2]
9/22 . . Sustained or differential release type [2]
9/24 . . Layered or laminated unitary dosage forms [2]
9/28 . . Drages; Coated pills or tablets [2]
9/44 . . printed, embossed, grooved, or perforated [2]
9/46 . . effervescent [2]
9/48 . . Preparations in capsules, e.g. of gelatin, of chocolate [2]
9/50 . . Microcapsules (A61K 9/52 takes precedence) [2]
9/52 . . Sustained or differential release type [2]
9/68 . . chewing gum type (non-medical aspects, preparing chewing gum A23G 4/00) [2]
9/70 . . Web, sheet or filament bases (bandages, dressings or absorbent pads A61F 13/00) [2]
9/72 . . for smoking or inhaling [2]

Notes
(1) A composition, i.e. a mixture of two or more components, is classified in the last of groups A61K 31/00 to A61K 47/00 that provides for at least one of these components. The components may be single compounds or other single ingredients. [8]

(2) 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 place in groups A61K 31/00 to A61K 47/00. The part can be either a single component or a composition in itself. [8]

(3) 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 place in groups A61K 31/00 to A61K 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”. [8]

31/00 Medicinal preparations containing organic active ingredients [2]

Note
(1) Organic active compounds forming salts or complexes with heavy metals are not classified in groups A61K 31/28; A61K 31/555 or A61K 31/7135, unless explicit indication to the contrary is made, e.g. hemin A61K 31/555. [7]

(2) In this group, the expressions “containing further heterocyclic rings” and “condensed with heterocyclic rings” also cover compounds having two or more identical heterocyclic rings. [7]

31/01 . Hydrocarbons [2]
31/02 . Halogenated hydrocarbons [2]
31/04 . Nitro compounds [2]
31/045 . Hydroxy compounds, e.g. alcohols; Salts thereof, e.g. alcoholates (hydroperoxides A61K 31/327) [2,7]
31/075 . Ethers or acetics [2]
31/095 . Sulfur, selenium or tellurium compounds, e.g. thiols [2]
31/11 . Aldehydes [2]
31/12 . Ketones [2]
31/121 . . acyclic [7]
31/122 . . having the oxygen atom directly attached to a ring, e.g. quinones, vitamin K₄, anthralin [7]
31/13 . Amines, e.g. amantadine (A61K 31/04 takes precedence) [2]
31/131 . . acyclic [7]
31/132 . . having two or more amino groups, e.g. spermidine, putrescine [7]
31/133 . . having hydroxy groups, e.g. sphingosine [7]
31/135 . . having aromatic rings, e.g. methadone [2,7]
31/136 . . . having the amino group directly attached to the aromatic ring, e.g. benzoicamine [7]
31/137 . . . Arylalkylamines, e.g. amphetamine, epinephrine, salbutamol,ephedrine [7]
31/138 . . . Aryloxyalkylamines, e.g. propranolol, tamoxifen, phenoxbenzamine (atenolol A61K 31/165; pindolol A61K 31/403; timolol A61K 31/5375) [7]
31/14 . . Quaternary ammonium compounds, e.g. edrophonium, choline (betaines A61K 31/185) [2]
31/145 . . having sulfur atoms, e.g. thuram (N=C(S)=S=C(N)=N or N=C(S)=S=C(S)=N); Sulfynilamines (-N=SO); Sulfonilamides (-N=SO₂) (isothioureas A61K 31/155) [2,7]
31/15 . . Oximes (C=O=O); Hydrazines (N=N); Hydrazones (N=N=O) [2]
31/155 . . Amidines (N=C=N), e.g. guanidine (H₂N=C(=NH)-NH₂), isourea (H₂N=C(OH)NH₂), isothiourea (H₂N=C(SH)-NH₂) [2]
31/16 . . Amines, e.g. hydroxamic acids [2]
31/164 . . of a carboxylic acid with an aminoalcohol, e.g. ceramides [7]
31/165 . . having aromatic rings, e.g. colchicine, atenolol, progabide [2]
Acids; Anhydrides, halides or salts thereof, e.g. sulfur esters, e.g. nitroglycerine, selenocyanates

Peroxy compounds, e.g. hydroperoxides, peroxides, acids, imidic, hydrazonic or hydroximic acids

having the group \(\text{N}==\text{C}(\text{O})==\text{N}\) (or \(\text{N}==\text{C}(\text{S})==\text{N}\), e.g. urea, thiourea, carmustine (isoureas, isothioacets A61K 31/155; sulfonyleures A61K 31/64) [2,7]

Sulfonamides (compounds containing a para- \(\text{N}==\text{C}==\text{S}==\text{N}\)-group A61K 31/63) [2]

Acids; Anhydrides, halides or salts thereof, e.g. sulfur acids, imide, hydrazonic or hydroximic acids (hydroxamic acids A61K 31/16; peroxo acids A61K 31/327) [2,7]

Esters, e.g. nitroglycerine, selenocyanates [2]

Nitriles; Isonitriles [2]

Compounds containing heavy metals [2]

Carbamic acids; Thio carbamic acids; Anhydrides or salts thereof (thiurams A61K 31/145) [2]

Peroxy compounds, e.g. hydroperoxides, peroxides, peroxys acids [7]

Heterocyclic compounds [2]

having oxygen as the only ring hetero atom, e.g. fungichromin [2]

having three-membered rings, e.g. oxirane, fumagillin [7]

having four-membered rings, e.g. taxol [7]

having five-membered rings with one oxygen as the only ring hetero atom, e.g. isosorbide [2]

not condensed with another ring, e.g. ranitidine, furosemide, bufetolol, muscarine [7]

condensed with a carbocyclic ring, e.g. coumaran, bufuralol, bufenolol, clobenfuroil, amidarone [7]

Nitrofurans (nitrofurantoin A61K 31/36) [2,7]

having six-membered rings with one oxygen as the only ring hetero atom [2]

not condensed with another ring [7]

condensed with carboxyclic rings, e.g. cannabinols, methanthelene [7]

having two or more oxygen atoms in the same ring, e.g. crown ethers, guanadrel [7]

Lactones [2]

having six-membered rings, e.g. delta-lactones [7]

Ascorbic acid, i.e. vitamin C; Salts thereof [2]

having sulfur as a ring hetero atom [2]

having five-membered rings [7]

having six-membered rings, e.g. thioanthenes (thioxhene A61K 31/496) [7]

having two or more sulfur atoms in the same ring [2]

having oxygen atoms in the same ring [2]

having nitrogen as a ring hetero atom, e.g. guanethidine, rifamycins (rifampin A61K 31/496) [2,7]

having three-membered rings, e.g. aziridine [7]

having four-membered rings, e.g. azetidine [7]

having five-membered rings with one nitrogen as the only ring hetero atom, e.g. sulpiride, succinimide, tolmetin, bufomedil [2]

Proline; Derivatives thereof, e.g. captopril [7]

having oxo groups directly attached to the heterocyclic ring, e.g. piracetam, ethosuximide [7]

1-aryl-substituted, e.g. piretanide [7]

not condensed and containing further heterocyclic rings, e.g. crumakalim [7]

condensed with carboxyclic rings, e.g. carbazole [7]

condensed with heterocyclic ring systems, e.g. ketorolac, physostigmine [7]

having four such rings, e.g. porphine derivatives, bilirubin, biliverdine (hemin, hematin A61K 31/555) [7]

having five-membered rings with two or more ring hetero atoms, at least one of which is nitrogen, e.g. tetrazole [2]

1,2-Diazoles [2,7]

having oxo groups directly attached to the heterocyclic ring, e.g. antipyrine, phenylbutazone, sulfinpyrazone [7]

not condensed and containing further heterocyclic rings [7]

condensed with carboxyclic ring systems, e.g. indazole [7]

condensed with heterocyclic ring systems [7]

1,3-Diazoles [7]

1,2,3-Triazoles [7]

1,2,4-Triazoles [7]

Oxazoles [2,7]

1,3-Oxazoles, e.g. pemoline, trimadione [7]

not condensed and containing further heterocyclic rings [7]

condensed with carboxyclic rings [7]

condensed with heterocyclic ring systems, e.g. clavulanic acid [7]

condensed with heterocyclic ring systems [7]

condensed with carboxyclic rings [7]

condensed with heterocyclic ring systems [7]

condensed with heterocyclic ring systems [7]

Thiadiazoles [7]

condensed with six-membered rings with one nitrogen as the only ring hetero atom [2]

ortho- or peri-condensed with heterocyclic ring systems [7]

the ring being spiro-condensed with carboxyclic or heterocyclic ring systems [7]

the ring forming part of a bridged ring system, e.g. quinuclidine (8-azabicyclo [3.2.1] octanes A61K 31/46) [7]

Non-condensed pyridines; Hydrogenated derivatives thereof [2,7]

only substituted in position 2, e.g. pheniramine, bisacodyl [7]
31/4406 . . . . only substituted in position 3, e.g. zimeldine (nicotinic acid A61K 31/455) [7]
31/4409 . . . . only substituted in position 4, e.g. isoniazid, iproniazid [7]
31/4412 . . . . having oxo groups directly attached to the heterocyclic ring [7]
31/4415 . . . . Pyridoxine, i.e. vitamin B6 (pyridoxal phosphate A61K 31/675) [7]
31/4418 . . . . having a carbocyclic ring directly attached to the heterocyclic ring, e.g. cyproheptadine [7]
31/4422 . . . . 1,4-Dihydropyridines, e.g. nifedipine, nicardipine [7]
31/4425 . . . . Pyridinium derivatives, e.g. pralidoxime, pyridostigmine [7]
31/4427 . . . . containing further heterocyclic ring systems [7]
31/445 . . . . Non-condensed piperidines, e.g. piperocaine [2,7]
31/4453 . . . . only substituted in position 1, e.g. propipocaine, diperodon [7]
31/4458 . . . . only substituted in position 2, e.g. methylphenidate [7]
31/4462 . . . . only substituted in position 3 [7]
31/4465 . . . . only substituted in position 4 [7]
31/4468 . . . . having a nitrogen atom directly attached in position 4, e.g. clebopride, fentanyl [7]
31/45 . . . . having oxo groups directly attached to the heterocyclic ring, e.g. cycloheximide [2,7]
31/451 . . . . having a carbocyclic ring directly attached to the heterocyclic ring, e.g. glutethimide, meperidine, loperamide, phencyclidine, pimidone [7]
31/4515 . . . . having a butyrophenone group in position 1, e.g. haloperidol (piperperone A61K 31/4523) [7]
31/452 . . . . Piperidinium derivatives (pancuronium A61K 31/58) [7]
31/4523 . . . . containing further heterocyclic ring systems [7]
31/455 . . . . Nicotinic acid, i.e. niacin; Derivatives thereof, e.g. esters, amides [2]
31/46 . . . . 8-Azabicyclo [3.2.1] octane; Derivatives thereof, e.g. atropine, cocaine [2]
31/465 . . . . Nicotine; Derivatives thereof [2]
31/47 . . . . Quinolines; Isoquinolines [2]
31/4704 . . . . 2-Quinolinones, e.g. carbostyril [7]
31/4706 . . . . 4-Aminoquinolines; 8-Aminoquinolines, e.g. chloroquine, primaquine [7]
31/4709 . . . . Non-condensed quinolines containing further heterocyclic rings [7]
31/472 . . . . Non-condensed isoquinolines, e.g. papaverine [7]
31/473 . . . . ortho- or peri-condensed with carbocyclic ring systems, e.g. acridines, phenanthridines [7]
31/4738 . . . . ortho- or peri-condensed with heterocyclic ring systems [7]
31/4747 . . . . spiro-condensed [7]
31/4748 . . . . forming part of bridged ring systems (strychnine A61K 31/475; morphinan derivatives A61K 31/485) [7]
31/475 . . . . having an indole ring, e.g. yohimbine, reserpine, strychnine, vinblastine (vincamine A61K 31/4553) [2,7]
31/48 . . . . Ergoline derivatives, e.g. lysergic acid, ergotamine [2,7]
31/485 . . . . Morphinan derivatives, e.g. morphine, codeine [2,7]
31/49 . . . . Cinchonan derivatives, e.g. quinine [2,7]
31/495 . . . . having six-membered rings with two nitrogen atoms as the only ring hetero atoms, e.g. piperazine (A61K 31/48 takes precedence) [2]
31/496 . . . . Non-condensed piperazines containing further heterocyclic rings, e.g. rifampin, thiothixene [7]
31/4965 . . . . Non-condensed pyrazines [7]
31/498 . . . . Pyrazines or piperazines ortho- or peri-condensed with carbocyclic ring systems, e.g. quinoxaline, phenazine [7]
31/4985 . . . . Pyrazines or piperazines ortho- or peri-condensed with heterocyclic ring systems [7]
31/499 . . . . Spiro-condensed pyrazines or piperazines [7]
31/4995 . . . . Pyrazines or piperazines forming part of bridged ring systems [7]
31/50 . . . . Pyridazines; Hydrogenated pyridazines [2,7]
31/501 . . . . not condensed and containing further heterocyclic rings [7]
31/502 . . . . ortho- or peri-condensed with carbocyclic ring systems, e.g. cinnoline, phthalazine [7]
31/5025 . . . . ortho- or peri-condensed with heterocyclic ring systems [7]
31/503 . . . . spiro-condensed [7]
31/504 . . . . forming part of bridged ring systems [7]
31/505 . . . . Pyrimidines; Hydrogenated pyrimidines, e.g. trimethoprim [2,7]
31/506 . . . . not condensed and containing further heterocyclic rings [7]
31/513 . . . . having oxo groups directly attached to the heterocyclic ring, e.g. cytosine [7]
31/517 . . . . ortho- or peri-condensed with carbocyclic ring systems, e.g. quinazolone, perimidine [7]
31/519 . . . . ortho- or peri-condensed with heterocyclic rings [7]
31/527 . . . . spiro-condensed [7]
31/529 . . . . forming part of bridged ring systems [7]
31/53 . . . . having six-membered rings with three nitrogens as the only ring hetero atoms, e.g. chloranil, melamine (melarsoprol A61K 31/555) [2]
31/535 . . . . having six-membered rings with at least one nitrogen and at least one oxygen as the ring hetero atoms, e.g. 1,2-oxazines [2]
31/5355 . . . . Non-condensed oxazines containing further heterocyclic rings [7]
31/536 . . . . ortho- or peri-condensed with carbocyclic ring systems [7]
31/5365 . . . . ortho- or peri-condensed with heterocyclic ring systems [7]
31/537 . . . . spiro-condensed or forming part of bridged ring systems [7]
31/5375 . . . . 1,4-Oxazines, e.g. morpholine [7]
31/539 . . . . having two or more oxygen atoms in the same ring, e.g. dioxazones [7]
31/5395 . . . . having two or more nitrogen atoms in the same ring, e.g. oxadiazones [7]
A61K

31/54 . . . having six-membered rings with at least one nitrogen and at least one sulfur as the ring hetero atoms, e.g. sulthiame [2]

31/541 . . . Non-condensed thiazines containing further heterocyclic rings [7]

31/5415 . . . ortho- or peri-condensed with carbocyclic ring systems, e.g. phenothiazine, chlorpromazine, piroxicam [7]

31/542 . . . ortho- or peri-condensed with heterocyclic ring systems [7]

31/545 . . . . . . Compounds containing 5-thia-
1-azacyclo [4.2.0] octane ring systems, i.e. compounds containing a ring system

31/546 . . . . . . containing further heterocyclic rings, e.g. cephalothin [2,6]

31/547 . . . spiro-condensed or forming part of bridged ring systems [7]

31/548 . . . having two or more sulfur atoms in the same ring [7]

31/549 . . . having two or more nitrogen atoms in the same ring, e.g. hydrochlorothiazide [7]

31/55 . . . . . . having seven-membered rings, e.g. azelastine, pentylenetetrazole [2]

31/551 . . . having two nitrogens as ring hetero atoms, e.g. clozapine, dilazep [7]

31/553 . . . . . . having at least one nitrogen and at least one oxygen as ring hetero atoms, e.g. loxapine, staurosporine [7]

31/554 . . . . . . having at least one nitrogen and at least one sulfur as ring hetero atoms, e.g. clothiapine, dilitiazem [7]

31/555 . . . containing heavy metals, e.g. hemin, hematin, melarsopine [2]

31/557 . . . Eicosanoids, e.g. leukotrienes [3,7]

31/56 . . . Compounds containing cyclopenta[a]hydro-phenanthrene ring systems; Derivatives thereof, e.g. steroids [4,7]

Note

Attention is drawn to Note (1) following the title of subclass C07L, which explains what is covered by the term “steroids”. [7]

31/565 . . . not substituted in position 17 beta by a carbon atom, e.g. oestrane, oestradiol [2]

31/566 . . . having an oxo group in position 17, e.g. oestrone [7]

31/567 . . . substituted in position 17 alpha, e.g. mestranol, norethandrolone [7]

31/568 . . . substituted in positions 10 and 13 by a chain having at least one carbon atom, e.g. androstane, testosterone [7]

31/57 . . . substituted in position 17 beta by a chain of two carbon atoms, e.g. pregnane, progesterone [2]

31/575 . . . substituted in position 17 beta by a chain of three or more carbon atoms, e.g. choline, cholesterol, ergosterol, sitosterol [2]

31/58 . . . containing heterocyclic rings, e.g. aldosterone, danazol, stanozolol, pancuronium, digitogenin (digitoxin A61K 31/7028) [2,7]

31/59 . . . Compounds containing 9,10-seco-
cyclopenta[a]hydro-phenanthrene ring systems [2]

31/592 . . . Salicylic acid; Derivatives thereof [2]

31/593 . . . Compounds containing para-N-benzene- sulfonyl-N-groups, e.g. sulfinilamide, p-nitrobenzenesulfonylhydradize [2]

31/594 . . . Sulfonylureas, e.g. glibenclamide, tolbutamide, chlorpropamide [2]

31/595 . . . Tetracyclines [2]

31/5955 . . . Azo (-N=N-), diazo (-N=N2), azoxy (-N=N-O-N', or N=N-O-N'), azido (-N3) or diazooarnino
(-N=N=N-N') compounds [2]

31/66 . . . Phosphorus compounds [2]

31/661 . . . Phosphorus acids or esters thereof not having P-C bonds, e.g. fosfosal, dichlorvos, malathion [7]

31/662 . . . Phosphorus acids or esters thereof having P-C bonds, e.g. foscarnet, trichlorfon [7]

31/664 . . . Amides of phosphorus acids [7]

31/665 . . . having oxygen as a ring hetero atom, e.g. fosfomycin [2]

31/67 . . . having sulfur as a ring hetero atom [2]

31/675 . . . having nitrogen as a ring hetero atom, e.g. pyridoxal phosphate [2]

31/683 . . . Diesters of a phosphorus acid with two hydroxy compounds, e.g. phosphatidylinositol [7]

31/69 . . . Boron compounds [2]

31/695 . . . Silicon compounds [2]

31/70 . . . Carbohydrates; Sugars; Derivatives thereof (sorbitol A61K 31/045) [2,7]

Note

In this group, the expressions are used with the meanings indicated in Note (3) following the title of subclass C07L. [7]

31/7004 . . . Monosaccharides having only carbon, hydrogen and oxygen atoms [7]

31/7008 . . . Compounds having an amino group directly attached to a carbon atom of the saccharide radical, e.g. D-galactosamine, raminustine [7]

31/7012 . . . Compounds having a free or esterified carboxy group attached, directly or through a carbon chain, to a carbon atom of the saccharide radical, e.g. glucuronie acid, neuraminic acid (gluconic acid A61K 31/185; ascorbic acid A61K 31/375) [7]

31/7016 . . . Disaccharides, e.g. lactose, lactulose (lactobionic acid A61K 31/7028) [7]

31/702 . . . Oligosaccharides, i.e. having three to five saccharide radicals attached to each other by glycosidic linkages [7]

31/7024 . . . Esters of saccharides [7]

31/7028 . . . Compounds having saccharide radicals attached to non-saccharide compounds by glycosidic linkages [7]

31/7042 . . . Compounds having saccharide radicals and heterocyclic rings [7]

31/7084 . . . Compounds having two nucleosides or nucleotides, e.g. nicotinamide-adenine dinucleotide, flavine-adenine dinucleotide [7]

31/7088 . . . Compounds having three or more nucleosides or nucleotides [7]
31/7105 . . . Natural ribonucleic acids, i.e. containing only riboses attached to adenine, guanine, cytosine or uracil and having 3'-5' phosphodiester links [7]
31/711 . . . Natural deoxyribonucleic acids, i.e. containing only 2'-deoxyribose attached to adenine, guanine, cytosine or thymine and having 3'-5' phosphodiester links [7]
31/7115 . . . Nucleic acids or oligonucleotides having modified bases, i.e. other than adenine, guanine, cytosine or uracil or thymine [7]
31/712 . . . Nucleic acids or oligonucleotides having modified sugars, i.e. other than ribose or 2'-deoxyribose [7]
31/7125 . . . Nucleic acids or oligonucleotides having modified internucleoside linkage, i.e. other than 3'-5' phosphodiester links [7]
31/713 . . . Double-stranded nucleic acids or oligonucleotides [7]
31/7135 . . . Compounds containing heavy metals [7]
31/715 . . . Polysaccharides, i.e. having more than five saccharide radicals attached to each other by glycosidic linkages; Derivatives thereof, e.g. ethers, esters [2]
31/716 . . . Glucans [7]
31/726 . . . Glycosaminoglycans, i.e. mucopolysaccharides (chondroitin sulfate, dermanan sulfate A61K 31/737) [7]
31/729 . . . Agar; Agarose; Agaropectin [7]
31/731 . . . Carrageenans [7]
31/732 . . . Pectin [7]
31/733 . . . Fructosans, e.g. inulin [7]
31/734 . . . Alginic acid [7]
31/736 . . . Glucomannans or galactomannans, e.g locust bean gum, guar gum [7]
31/737 . . . Sulfated polysaccharides, e.g. chondroitin sulfate, dermanan sulfate (A61K 31/726 takes precedence) [7]
31/738 . . . Cross-linked polysaccharides [7]
31/739 . . . Lipopolysaccharides [7]
31/74 . . . Synthetic polymeric materials [2]

33/00 Medicinal preparations containing inorganic active ingredients [2]
33/02 . . . Ammonia; Compounds thereof [2]
33/04 . . . Sulfur, selenium or tellurium; Compounds thereof [2]
33/06 . . . Aluminum, calcium or magnesium; Compounds thereof [2]
33/14 . . . Alkali metal chlorides; Alkaline earth metal chlorides [2]
33/16 . . . Fluorine compounds [2]
33/18 . . . Iodine; Compounds thereof [2]
33/20 . . . Elemental chlorine; Inorganic compounds releasing chlorine [2]
33/22 . . . Boron compounds [2]
33/24 . . . Heavy metals; Compounds thereof [2]
33/26 . . . Iron; Compounds thereof [2]
33/28 . . . Mercury; Compounds thereof [2]
33/30 . . . Zinc; Compounds thereof [2]
33/32 . . . Manganese; Compounds thereof [2]
33/34 . . . Copper; Compounds thereof [2]
33/36 . . . Arsenic; Compounds thereof [2]
33/38 . . . Silver; Compounds thereof [2]
33/40 . . . Peroxides [2]
33/42 . . . Phosphorus; Compounds thereof [2]
33/44 . . . Elemental carbon, e.g. charcoal, carbon black [2]

35/00 Medicinal preparations containing material or reaction products thereof with undetermined constitution [2]

Note
When classifying in this group, classification is also made in group B01D 15/08 insofar as subject matter of general interest relating to chromatography is concerned. [8]

35/02 . . . from inanimate materials [2]
35/12 . . . Materials from mammals or birds [2]
35/16 . . . Plasma; Serum [2]
35/18 . . . Erythrocytes [2]
35/20 . . . Milk; Colostrum [2]
35/22 . . . Urine; Urinary system [2]
35/24 . . . Mucus; Mucous glands; Bursa; Arthral fluid; Excreta; Spinal fluid [2]
35/26 . . . Lymph; Lymph-glands; Thymus [2]
35/28 . . . Marrow; Spleen [2]
35/30 . . . Nerves; Brain [2]
35/32 . . . Bones; Tendons; Teeth; Cartilage (marrow A61K 35/28/2) [2]
35/34 . . . Muscles; Heart [2]
35/36 . . . Skin; Hair; Nails; Sclerous glands; Cerumen [4]
35/37 . . . Digestive system [3]
35/42 . . . Lungs [2]
35/44 . . . Eyes; Vessels; Umbilical cord [2]
35/55 . . . Glands not provided for in one of the preceding subgroups of this main group [3]
35/56 . . . Materials from animals other than mammals or birds [2]

36/00 Medicinal preparations of undetermined constitution containing material from algae, lichens, fungi or plants, or derivatives thereof, e.g. traditional herbal medicines [8]

Note
In this group, common names of plants, where given, are presented in brackets following their corresponding Latin names. [8]

36/02 . . . Algae [8]
36/06 . . . Fungi, e.g. yeasts [8]
36/09 . . . Lichens [8]
36/10 . . . Bryophyta (mosses) [8]
36/11 . . . Pteridophyta or Filicophyta (ferns) [8]
36/13 . . . Coniferophyta (gymnosperms) [8]
36/16 . . . Ginkgophyta, e.g. Ginkgoaceae (Ginkgo family) [8]
36/17 . . . Gnetophyta, e.g. Ephedraceae (Mormon-tea family) [8]
36/18 . . . Magnoliophyta (angiosperms) [8]
36/185 . . . Magnoliopsida (dicotyledons) [8]
36/88 . . . Liliopsida (monocotyledons) [8]
38/00 Medicinal preparations containing peptides (peptides containing beta-lactam rings A61K 31/00; cyclic dipeptides not having in their molecule any other peptide link than those which form their ring, e.g. piperazine-2,5-diones, A61K 31/00; ergoline-based peptides A61K 31/48; containing macromolecular compounds having statistically distributed amino acid units A61K 31/74; medicinal preparations containing antigens or antibodies A61K 39/00; medicinal preparations characterised by the non-active ingredients, e.g. peptides as drug carriers, A61K 47/00) [6]

Note

(1) The terms or expressions used in this group follow exactly the definitions given in Note (1) following the title of subclass C07K. [6]

(2) Preparations containing fragments of peptides or peptides modified by removal or addition of amino acids, by substitution of amino acids by others, or by combination of these modifications are classified as the preparations containing parent peptides. However, preparations containing fragments of peptides having only four or less amino acids are also classified in groups A61K 38/05 to A61K 38/07. [6]

(3) Preparations containing peptides prepared by recombinant DNA technology are not classified according to the host, but according to the original peptide expressed, e.g. preparations containing HIV peptide expressed in E. coli are classified with the preparations containing HIV peptides. [6]

38/01 . Hydrolysed proteins; Derivatives thereof [6]
38/02 . Peptides of undefined number of amino acids; Derivatives thereof [6]
38/03 . Peptides having up to 20 amino acids in an undefined or only partially defined sequence; Derivatives thereof [6]
38/04 . Peptides having up to 20 amino acids in a fully defined sequence; Derivatives thereof (gastrins A61K 38/16; somatostatins A61K 38/31; melanotropins A61K 38/33) [6]
38/05 . Dipeptides [6]
38/06 . Tripeptides [6]
38/07 . Tetrapeptides [6]
38/08 . Peptides having 5 to 11 amino acids [6]
38/12 . Cyclic peptides [6]
38/14 . Peptides containing saccharide radicals; Derivatives thereof [6]
38/15 . Depsipeptides; Derivatives thereof [6]
38/16 . Peptides having more than 20 amino acids; Gastrins; Somatostatins; Melanotropins; Derivatives thereof [6]
38/17 . from animals; from humans [6]
38/18 . Growth factors; Growth regulators [6]
38/19 . Cytokines; Lymphokines; Interferons [6]
38/22 . . Hormones (derived from pro-opiomelanocortin, pro-enzkephalin or pro-dynorphin A61K 38/33, e.g. corticotropin A61K 38/33) [6]
38/24 . . Follicle-stimulating hormone (FSH); Chorionic gonadotropins, e.g. HCG; Luteinising hormone (LH); Thyroid-stimulating hormone (TSH) [6]
38/25 . . . . Growth hormone-releasing factor (GH-RF) (Somatoliberin) [6]
38/27 . . . . Growth hormone (GH) (Somatotropin) [6]
38/29 . . . . Parathyroid hormone (parathormone); Parathyroid hormone-related peptides [6]
38/30 . . . . Insulin-like growth factors (Somatomedins), e.g. IGF-1, IGF-2 [6]
38/32 . . . . Thymopoietins [6]
38/33 . . . derived from pro-opiomelanocortin, pro-enzkephalin or pro-dynorphin [6]
38/36 . . . Blood coagulation or fibrinolysis factors [6]
38/38 . . . . Albumsins [6]
38/39 . . . . Connective tissue peptides, e.g. collagen, elastin, laminin, fibronectin, vitronectin, cold insoluble globulin (CIG) [6]
38/40 . . . Transferrins, e.g. lactoferrins, ovotransferrins [6]
38/41 . . . . Porphyrin- or corrin-ring-containing peptides [6]
38/43 . . . . Enzymes; Proenzymes; Derivatives thereof [6]

Note

In this group: [6]
- proenzymes are classified with the corresponding enzymes; [6]
- enzymes are generally categorised according to the “Nomenclature and Classification of Enzymes” of the International Commission of Enzymes. Where appropriate, this designation appears in the subgroups below in parenthesis. [6]

38/55 . . . Protease inhibitors [6]

39/00 Medicinal preparations containing antigens or antibodies (materials for immunoassay G01N 33/53) [2]

Note

(1) Preparation of antigen or antibody compositions is also classified in subclass C12N, if the step of cultivating the micro-organism is of interest.[3]
(2) Groups A61K 39/002 to A61K 39/12 cover preparations containing protozoa, bacteria, viruses, or subunits thereof, e.g. membrane parts. [3]

39/002 . . . . Protozoa antigens [3]
39/005 . . . . Trypanosoma antigens [3]
39/008 . . . . Leishmania antigens [3]
39/02 . . . . Bacterial antigens [2]
39/04 . . . . Mycobacterium, e.g. Mycobacterium tuberculosis [2,3]
39/05 . . . . Corynebacterium; Propionibacterium [3]
39/07 . . . . Bacillus [3]
39/08 . . . . Clostridium, e.g. Clostridium tetani [2]
39/085 . . . . Staphylococcus [3]
39/09 . . . . Streptococcus [3]
39/095 . . . . Neisseria [3]
39/10 . . . . Brucella; Bordetella, e.g. Bordetella pertussis [2,3]
39/102 . . . . Pasteurella; Haemophilus [3]
39/104 . . . . Pseudomonas [3]
39/106 . . . . Vibrio; Campylobacter [3]
39/112 . . . . Salmonella; Shigella [3]
39/114 . . . . Fusobacterium [3]
Int.Cl. (8th edition, 2006) Vol. 1, Section A

A61K – A61L

Methods or apparatus for sterilising materials or objects in general; disinfection, sterilisation, or deodorisation of air; chemical aspects of bandages, dressings, absorbent pads, or surgical articles; materials for bandages, dressings, absorbent pads, or surgical articles (preservation of bodies or disinfecting characterised by the agent employed A01N; preserving, e.g. sterilising, food or foodstuffs A23; preparations for medical, dental or toilet purposes A61K; preparation of ozone C01B 13/10) [4]

Note
Processes using enzymes or micro-organisms in order to:
(i) liberate, separate or purify a pre-existing compound or composition, or to
(ii) treat textiles or clean solid surfaces of materials
are further classified in subclass C12S. [5]
A61L

Subclass Index

Disinfection or sterilisation of materials

DISINFECTION OR STERILISATION OF MATERIALS

General methods or apparatus ........................................ 2/00
of air ............................................................................ 9/00
of refuse ...................................................................... 11/00
of contact lenses ....................................................... 12/00

MATERIALS FOR

Bandages, dressings or absorbent pads .................. 15/00
sutures or for ligaturing blood vessels .......... 17/00

Disinfection or sterilising

2/00 Methods or apparatus for disinfecting or sterilising materials or objects other than foodstuffs or contact lenses; Accessories therefor (for contact lenses A61L 12/00; atomisers for disinfecting agents A61M; sterilisation of packages or package contents in association with packaging B65B 55/00; treatment of water, waste water, sewage or sludge C02F; disinfecting paper D21H 21/14; disinfecting devices for water closets E03D; articles having provision for disinfection, see the relevant subclasses for these articles, e.g. H04R 1/12) [3,5,7]

2/02 using physical phenomena [3]
2/04 . . . Heat (A61L 2/08 takes precedence) [3]
2/08 . . . Radiation [3]
2/16 . using chemical substances [3]
2/18 . . . Liquid substances [3]
2/20 . . . Gaseous substances, e.g. vapours [3]
2/22 . . . Phase substances, e.g. smokes, aerosols [3]
2/26 . . . Accessories [3]

9/00 Disinfection, sterilisation or deodorisation of air (body deodorants A61K 8/00, A61Q 15/00; purifying air by respirators A62B, A62D 9/00; separating dispersed particles from gases or vapours B01D 45/00 to B01D 51/00, B03C 3/00; chemical or biological purification of waste gases B01D 53/34; production of ozone C01B 13/10; air-conditioning systems incorporating sterilisation F24F 3/16)

9/01 . . . Deodorant compositions [2]
9/015 . using gaseous or vaporous substances, e.g. ozone (A61L 9/18 takes precedence) [3]
9/04 . . . using substances evaporated in the air without heating [3]
9/12 . . . Apparatus, e.g. holders, therefor [3]
9/14 . using sprayed or atomised substances [3]
9/16 . . . using physical phenomena [3]
9/18 . . . Radiation (A61L 9/22 takes precedence) [3]
9/22 . . . Ionisation [3]

11/00 Methods specially adapted for refuse

12/00 Methods or apparatus for disinfecting or sterilising contact lenses; Accessories therefor [7]

Chemical aspects of bandages, dressings, or absorbent pads or use of materials for their realisation; Materials for surgical articles, e.g. surgical sutures; Surgical adhesives or cements; Materials for prostheses, catheters or colostomy devices

15/00 Chemical aspects of, or use of materials for, bandages, dressings or absorbent pads (for liquid bandages A61L 26/00; radioactive dressings A61M 36/00)

15/16 . Bandages, dressings or absorbent pads for physiological fluids such as urine or blood, e.g. sanitary towels, tampons [5]

17/00 Materials for surgical sutures or for ligaturing blood vessels (surgical adhesives A61L 24/00; surgical instruments, devices or methods for suturing or ligaturing A61B 17/04, A61B 17/12; supports or packages for suture materials A61B 17/04) [3,4]

Note

When classifying in group A61L 17/00, classification is also made in A61L 33/00 if the materials used are antithrombogenic. [7]

24/00 Surgical adhesives or cements; Adhesives for colostomy devices (electrically conductive adhesives for use in therapy or testing in vivo A61K 50/00) [7]

Note

When classifying in group A61L 24/00, classification is also made in group A61L 33/00 if the materials used are antithrombogenic. [7]

26/00 Chemical aspects of, or use of materials for, liquid bandages [7]

Note

When classifying in group A61L 26/00, classification is also made in A61L 33/00 if the materials used are antithrombogenic. [7]
27/00 Materials for prostheses or for coating prostheses (dental prostheses A61C 13/00; shape or structure of prostheses A61F 2/00; use of preparations for artificial teeth A61K 6/02; artificial kidneys A61M 1/14) [4]

Note
When classifying in group A61L 27/00, classification is also made in A61L 33/00 if the materials used are antithrombogenic. [7]

28/00 Materials for colostomy devices (adhesives for colostomy devices A61L 24/00) [7]

Note
When classifying in group A61L 28/00, classification is also made in A61L 33/00 if the materials used are antithrombogenic. [7]

29/00 Materials for catheters or for coating catheters (shape or structure of catheters A61M 25/00) [4]

Note
When classifying in group A61L 29/00, classification is also made in A61L 33/00 if the materials used are antithrombogenic. [7]

31/00 Materials for other surgical articles [4]

Note
When classifying in group A61L 31/00, classification is also made in A61L 33/00 if the materials used are antithrombogenic. [7]

A61M DEVICES FOR INTRODUCING MEDIA INTO, OR ONTO, THE BODY (introducing media into or onto the bodies of animals A61D 7/00; means for inserting tampons A61F 13/20; devices for administering food or medicines orally A61J; containers for collecting, storing or administering blood or medical fluids A61J 1/05); DEVICES FOR TRANSDUCING BODY MEDIA OR FOR TAKING MEDIA FROM THE BODY (surgery A61B; chemical aspects of surgical articles A61L; magnetotherapy using magnetic elements placed within the body A61N 2/00); DEVICES FOR PRODUCING OR ENDING SLEEP OR STUPOR [4,5]

Notes
(1) This subclass covers suction, pumping or atomising devices for medical use (e.g. cups, breast relievers, irrigators, sprays, powder insufflators, atomisers, inhalers), apparatus for general or local anaesthetics, devices or methods for causing a change in the state of consciousness, catheters, dilators, apparatus for introducing medicines into the body other than orally.
(2) In this subclass, group A61M 36/00, which relates to the application of radioactive material to the body, takes precedence over other groups. [5]
(3) When classifying in this subclass, classification is also made in group B01D 15/08 insofar as subject matter of general interest relating to chromatography is concerned. [8]

Subclass Index
SUCTION OR PUMPING DEVICES…………………………………… 1/00
SYRINGES; IRRIGATORS; BATHS FOR THE INTESTINES…………………………………… 3/00, 5/00; 9/00
SPRAYERS, ATOMISERS; INSUFFLATORS………………... 11/00; 13/00
INHALING DEVICES……………………………………………… 15/00; 16/00
DEVICES FOR PRODUCING OR ENDING SLEEP OR ANAESTHESIA ………………… 16/00, 19/00, 21/00
PROBES, CATHETERS; DRAINS; DILATORS…………………………………… 23/00, 25/00; 27/00; 29/00
TUBES, TUBE CONNECTORS, TUBE COUPLINGS, VALVES, ACCESS SITES OR THE LIKE, SPECIALLY ADAPTED FOR MEDICAL USE …………………………………………………………… 39/00
OTHER DEVICES FOR INTRODUCING OR RETAINING REMEDIES IN THE BODY ……… 31/00, 37/00
OTHER DEVICES FOR SPREADING REMEDIES ON THE BODY ……………………………… 35/00
APPLYING RADIOACTIVE MATERIAL TO THE BODY ………………………………………… 36/00
Suction or pumping devices for medical purposes; Devices for carrying-off, for treatment of, or for carrying-over, body-liquids; Drainage systems (catheters A61M 25/00; tube connectors, tube couplings, valves or branch units, specially adapted for medical use A61M 39/00; devices for taking samples of blood A61B 5/15; implements for holding wounds open A61B 17/02; saliva removers for dentists A61C 17/06; filters implantable into blood vessels A61F 2/01; pumps in general F04) [5]

Blood transfusion apparatus (blood infusion by syringes A61M 5/14) [5]

Pneumothorax apparatus [5]

Milk pumps (feeding-bottles A61J 9/00) [5]

Cupping glasses [5]

Blood pumps; Artificial hearts; Devices for mechanical circulatory assistance, e.g. intra-aortic balloon pumps (artificial heart valves A61F 2/24; heart stimulation A61H 31/00) [4]

Dialysis systems; Artificial kidneys; Blood oxygenators (processes of separation using semi-permeable membranes B01D 61/00; semi-permeable membranes characterised by the material, manufacturing processes therefor B01D 71/00) [4]

1/16 . . . with membranes [4]


1/32 . . . Oxygenators without membranes [4]

1/34 . . . Filtering material out of the blood by passing it through a membrane, i.e. hemofiltration, dialfiltration [4]

1/36 . . . Other treatment of blood in a by-pass of the natural circulatory system, e.g. temperature adaptation, irradiation [4]

1/38 . . . Removing constituents from donor blood and returning remainder to body [5]

Syringes; Irrigators; Baths for subaquatic intestinal cleaning (other apparatus for introducing medicines into the body A61M 29/00 to A61M 37/00) [6]

Medical syringes, e.g. enemata; Irrigators (A61M 5/00 takes precedence; pistons A61M 5/315) [2]

Syringes having means for desensitising skin, for protruding skin to facilitate piercing, or for locating point where body is to be pierced [5]

Syringe ampoules or cartridges, i.e. ampoules or cartridges provided with a needle [5]

Syringes for injection by jet action, without needle, e.g. for use with replaceable ampoules or cartridges [5]

Bandages made of two connected parts which are held together, e.g. gauze bandages, sterile bandages [5]

Detail of the injection needle [5]

Pneumatic needles; Needles [5]

Chambers of the injector type [5]

Other treatment of blood in vitro, i.e. blood in a by-pass of the natural circulatory system, e.g. temperature adaptation, irradiation [4]

Removing constituents from donor blood and returning remainder to body [5]

Note

In this group, the following expression is used with the meaning indicated:

- “pressure infusion” includes powered injection working at a controlled rate. [5]

Using pressurised reservoirs, e.g. by means of pistons [5]

Filtering accessories, e.g. blood filters, filters for infusion liquids (A61M 1/34, A61M 5/36 take precedence) [5]

Means for controlling media flow to the body or for metering media to the body, e.g. drip meters, counters [5]

Inhalators

15/00 . . . Inhalators [5]

15/02 . . . with activated or ionized gases; Ozone-inhalators [5]

15/06 . . . Inhalating appliances shaped like cigars, cigarettes or pipes [5]

15/08 . . . Inhalating devices inserted into the nose [5]

16/00 Devices for influencing the respiratory system of patients by gas treatment, e.g. mouth-to-mouth respiration; Tracheal tubes (stimulating the respiratory movement by mechanical, pneumatic or electrical means, iron lungs combined with gas breathing means A61H 31/00; respiratory apparatus in general A62B; respirators for working under water B65C 11/00) [4]

16/01 . . . specially adapted for anaesthetising [4]
MAGNETOTHERAPY .............................................................. 2/00
ELECTROTHERAPY.............................................................. 1/00
(dilators A61M 29/00; for solid probes; Bougies A61M 5/00; stents A61F 2/82)
25 / 02
25 / 01
25 / 16
27 / 00 Drainage appliances for wounds, or the like (implements for holding wounds open A61B 17/02)
29 / 02 Dilators with or without means for introducing media, e.g. remedies (instruments for performing visual medical inspections of cavities or tubes of the body A61B 1/00) [2]
29 / 02 . Inflatable dilators (connection of valves to inflatable elastic bodies B60C 29/00); Dilators made of swellable materials [3]
31 / 00 Devices for introducing or retaining media, e.g. remedies, in cavities of the body (A61M 25/00 takes precedence) [2,5]
35 / 00 Devices for applying media, e.g. remedies, on the human body (devices for handling toilet or cosmetic substances A45D; absorbent pads, e.g. swabs, A61F 13/15) [2]
36 / 00 Applying radioactive material to the body [5]
37 / 00 Other apparatus for introducing media into the body (for reproduction or fertilisation A61B 17/42; apparatus for iontophoresis or cataphoresis A61N 1/30); Percutaney, i.e. introducing medicines into the body by diffusion through the skin (salt baths A61H 33/04) [5]
39 / 00 Tubes, tube connectors, tube couplings, valves, access sites or the like, specially adapted for medical use (for respiratory devices, e.g. tracheal tubes, A61M 16/00; artificial heart valves A61F 2/24) [5]
39 / 02 . Access sites [5]

Other devices for producing sleep or stupor; Devices for ending sleep or stupor [4]
19 / 00 Local anaesthesia (syringes therefor A61M 5/00); Hypothermia (A61M 5/42 takes precedence; cooling blood in a bypass of the arterial system A61M 1/36) [2]
21 / 00 Other devices or methods to cause a change in the state of consciousness; Devices for producing or ending sleep by mechanical, optical, or acoustical means, e.g. for hypnosis (beds for promoting sleep A61G 7/00)

Probes; Catheters; Dilators; Drainage appliances for wounds; Other apparatus for introducing media, e.g. medicines, into the body or applying them to the body (syringes A61M 3/00, A61M 5/00; stents A61F 2/82)
23 / 00 Solid probes; Bougies
25 / 00 Catheters; Hollow probes (dilators A61M 29/00; for measuring or testing A61B)
25 / 01 . Introducing, guiding, advancing, emplacing or holding catheters (A61M 25/10 takes precedence) [5]
25 / 02 . Holding devices, e.g. on the body [5]
25 / 06 . Body-piercing guide needles or the like (A61M 25/088 takes precedence) [5,6]
25 / 08 . Advancing means, e.g. self-propelled [5]
25 / 088 . using an additional catheter, e.g. to reach relatively inaccessible places [6]

**A61N** ELECTROTHERAPY; MAGNETOTHERAPY; RADIATION THERAPY; ULTRASOUND THERAPY (measurement of bioelectric currents A61B; surgical instruments, devices or methods for transferring non-mechanical forms of energy to or from the body A61B 18/00; anaesthetic apparatus in general A61M; incandescent lamps H01K; infra-red radiators for heating H05B) [6]

**Note**
In this subclass, the following term is used with the meaning indicated:
- “therapy” implies that the treatment, when it aims at destroying sick or abnormal cells, is performed within the limits of healthy cell life, the destruction thereof being undesired, contrary to that which takes place with instruments, devices or methods covered by group A61B 18/00. [5,7]

**Subclass Index**

<table>
<thead>
<tr>
<th>CLASS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00</td>
<td>Electrotherapy; Circuits therefor (A61N 2/00 takes precedence; irradiation apparatus A61N 5/00; electrically conductive preparations for use in therapy or testing in vivo A61K 50/00) [5]</td>
</tr>
<tr>
<td>1/02</td>
<td>Details</td>
</tr>
<tr>
<td>1/04</td>
<td>. . Electrodes</td>
</tr>
<tr>
<td>1/05</td>
<td>. . for implantation or insertion into the body, e.g. heart electrode (A61N 1/06 takes precedence) [4]</td>
</tr>
<tr>
<td>1/06</td>
<td>. . for high-frequency therapy</td>
</tr>
</tbody>
</table>

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Int.Cl. (8th edition, 2006) Vol. 1, Section A 73
Int.Cl. (8th edition, 2006) Vol. 1, Section A

| 1/08 | Arrangements or circuits for monitoring, protecting, controlling or indicating (for a single specific type of apparatus A61N 1/10 to A61N 1/00; measuring electric variables G01R; control of generator output in general H02P, H03L) [4] |
| 1/10 | Applying static electricity (applying ionised gases or vapours A61N 1/00) |
| 1/18 | Applying electric currents by contact electrodes |
| 1/20 | . . . continuous direct currents |
| 1/30 | . . . Apparatus for iontophoresis or cataphoresis |
| 1/32 | . . . alternating or intermittent currents |
| 1/36 | . . . for stimulation, e.g. heart pace-makers |
| 1/365 | . . . controlled by a physiological parameter, e.g. by heart potential [4] |
| 1/368 | . . . . . . . comprising more than one electrode co-operating with different heart regions [4] |
| 1/372 | . . . Arrangements in connection with the implantation of stimulators [4] |
| 1/38 | . . . for producing shock effects (in general H05C 1/00) |
| 1/40 | . Applying electric fields by inductive or capacitive coupling (microwave apparatus A61N 5/00) |

| 2/00 | Magnetotherapy [5] |
| 5/00 | Radiation therapy (ultrasound therapy A61N 7/00; devices or apparatus applicable to both therapy and diagnosis A61B 6/00; applying radioactive material to the body A61M 36/00) [5,6] |
| 5/01 | Devices for producing movement of radiation source during therapy |
| 5/02 | . using microwaves (A61N 5/01 takes precedence) |
| 5/06 | . using light (A61N 5/01 takes precedence) |
| 5/08 | . . using combined infra-red and ultra-violet light |
| 5/10 | X-ray therapy; Gamma-ray therapy; Particle-irradiation therapy (A61N 5/01 takes precedence) |
| 7/00 | Ultrasound therapy (lithotripsy A61B 17/22, A61B 17/225; massage using supersonic vibration A61H 23/00) [6] |

**A61P THERAPEUTIC ACTIVITY OF CHEMICAL COMPOUNDS OR MEDICINAL PREPARATIONS [7]**

**Notes**

(1) This subclass covers therapeutic activity of chemical compounds or medicinal preparations already classified as such in subclasses A61K or C12N, or in classes C01, C07 or C08. [7]

(2) In this subclass, the term “drugs” includes chemical compounds or compositions with therapeutic activity. [7]

(3) In this subclass, therapeutic activity is classified in all appropriate places. [7]

(4) The classification symbols of this subclass are not listed first when assigned to patent documents. [7]

| 1/00 | Drugs for disorders of the alimentary tract or the digestive system [7] |
| 3/00 | Drugs for disorders of the metabolism (of the blood or the extracellular fluid A61P 7/00) [7] |
| 5/00 | Drugs for disorders of the endocrine system [7] |
| 7/00 | Drugs for disorders of the blood or the extracellular fluid [7] |
| 9/00 | Drugs for disorders of the cardiovascular system [7] |
| 11/00 | Drugs for disorders of the respiratory system [7] |
| 13/00 | Drugs for disorders of the urinary system (diuretics A61P 7/00) [7] |
| 15/00 | Drugs for genital or sexual disorders (for disorders of sex hormones A61P 5/00); Contraceptives [7] |
| 17/00 | Drugs for dermatological disorders [7] |
| 17/18 | . . Antioxidants, e.g. antiradicals (preparations for protection against sunlight A61Q 17/00) [8] |
| 19/00 | Drugs for skeletal disorders [7] |
| 21/00 | Drugs for disorders of the muscular or neuromuscular system [7] |
| 23/00 | Anaesthetics [7] |
| 25/00 | Drugs for disorders of the nervous system [7] |
| 27/00 | Drugs for disorders of the senses [7] |
| 29/00 | Non-central analgesics, antipyretic or antiinflammatory agents, e.g antirheumatic agents; Non-steroidal antiinflammatory drugs (NSAIDs) [7] |
| 31/00 | Antiinfectives, i.e. antibiotics, antiseptics, chemotherapeutics [7] |
| 33/00 | Antiparasitic agents [7] |
| 35/00 | Antineoplastic agents [7] |
| 37/00 | Drugs for immunological or allergic disorders [7] |
| 39/00 | General protective or antinoxious agents [7] |
| 41/00 | Drugs used in surgical methods, e.g. surgery adjuvants for preventing adhesion or for vitreum substitution [7] |
| 43/00 | Drugs for specific purposes, not provided for in groups A61P 1/00 to A61P 41/00 [7] |
A61Q  USE OF COSMETICS OR SIMILAR TOILET PREPARATIONS [8]

Notes

(1) This subclass covers the use of cosmetics or similar toilet preparations already classified as such in main group A61K 8/00, in subclasses C11D or C12N, or in classes C01, C07 or C08. [8]
(2) When classifying in this subclass, classification is also made in subclass A61P if the preparation is stated to have therapeutic activity. [8]
(3) In this subclass, the use of cosmetics or similar toilet preparations is classified in all appropriate places. [8]
(4) The classification symbols of this subclass are not listed first when assigned to patent documents. [8]

1/00 Make-up preparations; Body powders; Preparations for removing make-up [8]
  1/02 . Preparations containing skin colorants, e.g. pigments (preparations in powder form A61Q 1/12) [8]
  1/12 . Face or body powders, e.g. for grooming, adorning or absorbing [8]
  1/14 . Preparations for removing make-up [8]

3/00 Manicure or pedicure preparations [8]
  3/02 . Nail coatings [8]
  3/04 . Nail coating removers [8]

5/00 Preparations for care of the hair [8]
  5/02 . Preparations for cleaning the hair [8]
  5/04 . Preparations for permanent waving or straightening the hair [8]
  5/06 . Preparations for styling the hair, e.g. by temporary shaping or colouring [8]
  5/08 . Preparations for bleaching the hair [8]
  5/10 . Preparations for permanently dyeing the hair [8]
  5/12 . Preparations containing hair conditioners [8]

7/00 Preparations for affecting hair growth [8]
  7/02 . Preparations for inhibiting or slowing hair growth [8]

9/00 Preparations for removing hair or for aiding hair removal [8]
  9/02 . Shaving preparations [8]
  9/04 . Depilatories [8]

11/00 Preparations for care of the teeth, of the oral cavity or of dentures, e.g. dentifrices or toothpastes; Mouth rinses [8]
  11/02 . Preparations for deodorising, bleaching or disinfecting dentures [8]

13/00 Formulations or additives for perfume preparations (essential oils or perfumes per se C11B 9/00) [8]

15/00 Anti-perspirants or body deodorants (deodorisation of air A61L 9/00) [8]

17/00 Barrier preparations; Preparations brought into direct contact with the skin for affording protection against external influences, e.g. sunlight, X-rays or other harmful rays, corrosive materials, bacteria or insect stings (chemical means for combating harmful chemical agents A62D 3/00) [8]
  17/02 . containing insect repellants [8]
  17/04 . Topical preparations for affording protection against sunlight or other radiation; Topical sun tanning preparations [8]

19/00 Preparations for care of the skin [8]
  19/02 . for chemically bleaching or whitening the skin [8]
  19/04 . for chemically tanning the skin (topical sun tanning preparations A61Q 17/04) [8]
  19/06 . for countering cellulitis [8]
  19/08 . Anti-ageing preparations [8]
  19/10 . Washing or bathing preparations [8]

99/00 Cosmetics or similar toilet preparations for specific uses not provided for in other groups of this subclass [8]
A62B

A62B DEVICES, APPARATUS, OR METHODS FOR LIFE-SAVING (valves specially adapted for medical use A61M 39/00; life-saving devices, apparatus or methods specially adapted for use in water B63C 9/00; divers’ equipment B63C 11/00; specially adapted for use with aircraft, e.g. parachutes, ejector seats, B64D; rescue devices peculiar to mining E21F 11/00)

Subclass Index

RESCUING, e.g. IN CASE OF FIRE
Means for escape or protection .................1/00, 3/00, 5/00
Breathing containers ..................................................31/00
Safety means for seemingly-dead persons ...........................................33/00
INDIVIDUAL BREATHING MASKS OR APPARATUS
Types ...........................................................................7/00, 18/00
Details ..........................................................................9/00, 18/00
Cartridges, oxygen generators, filters .............................................19/00, 21/00, 23/00

RESCUING from fire: Rescuing from buildings or the like (from mountains or trees A63B 27/00, A63B 29/00; from ships B63C)

1/00 Devices for lowering persons from buildings or the like
3/00 Devices or single parts for facilitating escape from buildings or the like, e.g. protection shields, protection screens; Portable devices for preventing smoke penetrating into distinct parts of buildings (A62B 1/00 takes precedence)
5/00 Other devices for rescuing from fire (ladders E06C)

Respirators: Gas-masks, including breathing apparatus, e.g. for high altitude, or masks therefor; Devices affording protection against harmful chemical agents (composition of materials for coverings against harmful chemical agents A62D 5/00, for transparent parts of breathing apparatus A62D 7/00; composition of materials for protective clothing A62D 5/00, for harmful chemical agents or for use at high altitudes or harmful chemical agents or for use at high altitudes)

7/00 Respiratory apparatus (for medical purposes A61M 16/00)
7/10 Respiratory apparatus with filter elements
9/00 Component parts for respiratory or breathing apparatus (A62B 19/00, A62B 21/00, A62B 23/00 take precedence) [4]
11/00 Devices for reconditioning breathing air in sealed rooms (chemical purification, disinfection, or sterilisation of air A61L; in aircraft or submarines, insofar as they influence the construction of the vehicle or are influenced by its construction B60R; harnessing in aircraft B64D 25/00; releasable fastenings A44B 11/00; accessories for children’s furniture A47A 15/00; children’s seats B60N 2/24; safety belts or body harnesses for land vehicles B60R 22/00; harnesses for parachutes B64D 17/00; treatment rooms for medical purposes A61G 10/00) [4]
13/00 Special devices for ventilating gasproof shelters (ventilating in general F24F)
15/00 Installations affording protection against poisonous or injurious substances, e.g. with separate breathing apparatus (building aspects E04H 9/00)
17/00 Protective clothing affording protection against heat or harmful chemical agents or for use at high altitudes (protective clothing or garments for work or sport A41D 13/00; protecting eyes or ears A61F 9/00; composition of materials for protective clothing A62D 5/00; life-saving garments for use at sea B63C; diving suits B63C 11/02; flying suits B64D 10/00; space suits B64G 6/00; bullet-proof clothing F41H 1/00) [2]
18/00 Breathing masks or helmets, e.g. affording protection against chemical agents or for use at high altitudes (A62B 17/00 takes precedence; anaesthetic masks A61M 16/06)
19/00 Cartridges with absorbing substances for respiratory apparatus
21/00 Devices for producing oxygen from chemical substances for respiratory apparatus
23/00 Filters for breathing-protection purposes (gas-filters in general B01D)
25/00 Devices for storing respiratory or breathing apparatus [4]
27/00 Methods or devices for testing respiratory or breathing apparatus (apparatus for testing gastightness in general G01M) [4]
29/00 Devices for rendering harmless or for keeping off harmful chemical agents (respiratory apparatus A62B 7/00; gasproof doors, windows, shutters E06B)
31/00 Containers or portable cabins for affording breathing protection with devices for reconditioning the breathing air or for ventilating (ventilation of gasproof shelters A62B 13/00; protective clothes or coverings A62B 17/00; treatment rooms for medical purposes A61G 10/00) [4]
33/00 Devices for allowing seemingly-dead persons to escape or draw attention; Breathing apparatus for accidentally buried person
35/00 Safety belts or body harnesses; Similar equipment for limiting displacement of the human body, especially in case of sudden changes of motion (buckles A44B 11/00; accessories for children’s furniture A47A 15/00; children’s seats B60N 2/24; safety belts or body harnesses for land vehicles B60R 22/00; harnesses for parachutes B64D 17/00; harnessing in aircraft B64D 25/00; releasable fastenings F16B) [4]
37/00 Devices, apparatus, or methods for life-saving not covered by the other groups of this subclass
A62C  FIRE-FIGHTING (fire-extinguishing compositions, use of chemical substances in extinguishing fires A62D 1/00; spraying, applying liquids or other fluent materials to surfaces in general B05; alarm arrangements G08B, e.g. fire alarms actuated by smoke or gases G08B 17/10)

Subclass Index

FIRE PREVENTION OR CONTAINMENT;
FIRE-EXTINGUISHING FOR PARTICULAR OBJECTS OR PLACES

Prevention or containment........................................ 2/00
Flame traps ............................................................... 4/00
For particular objects or places................................ 3/00

MAKING FIRE-EXTINGUISHING MATERIALS BEFORE USE..................................................... 5/00
HAND TOOLS OR ACCESSORIES ......................................... 8/00
PORTABLE EXTINGUISHERS

According to operating principle...... 11/00, 13/00, 19/00, 25/00
Knapsack type............................................................... 15/00

2/00 Fire prevention or containment (A62C 3/00 takes precedence; flame traps A62C 4/00) [5]

3/00 Fire prevention, containment or extinguishing specially adapted for particular objects or places (for nuclear reactors G21C 9/00) [5]

3/07 . in vehicles, e.g. in road vehicles [5]

4/00 Flame traps allowing passage of gas but not of flame or explosion wave [2]

5/00 Making of fire-extinguishing materials immediately before use (nozzles A62C 31/00) [5]

Hand fire-extinguishers [5]

8/00 Hand tools or accessories specially adapted for fire-fighting, e.g. tool boxes [5]

11/00 Portable extinguishers with manually-operated pumps [5]

13/00 Portable extinguishers which are permanently pressurised or pressurised immediately before use (A62C 11/00 takes precedence) [5]

15/00 Extinguishers essentially of the knapsack type (knapsacks, carrying-frames, pack-frames carried on the body A45F 3/00)

17/00 Hand fire-extinguishers essentially in the form of pistols or rifles

19/00 Hand fire-extinguishers in which the extinguishing substance is expelled by an explosion; Exploding containers thrown into the fire

25/00 Portable extinguishers with power-driven pumps [5]

Fire-fighting vehicles (A62C 31/00, A62C 33/00, A62C 37/00 take precedence; vehicle aspects, see the appropriate subclasses of B60 to B64, e.g. fire-fighting aircraft B64D 1/00) [5]

27/00 Fire-fighting land vehicles

29/00 Fire-fighting vessels or like floating structures [5]

31/00 Delivery of fire-extinguishing material (pumps F04; hoses F16L)

33/00 Hose accessories [5]

Permanently-installed equipment (A62C 31/00, A62C 33/00, A62C 37/00 take precedence) [5]

35/00 Permanently-installed equipment (for forming water curtains A62C 2/00)

35/58 . Pipe-line systems [5]

37/00 Control of fire-fighting equipment (heat-sensitive devices G01K) [5]

37/08 . comprising an outlet device containing a sensor, or itself being the sensor, i.e. self-contained sprinklers [5]

39/00 Fire-fighting methods, equipment or accessories, not provided for in groups A62C 2/00 to A62C 37/00
CHEMICAL MEANS FOR EXTINGUISHING FIRES; PROCESSES FOR MAKING HARMFUL CHEMICAL SUBSTANCES HARMLESS, OR LESS HARMFUL, BY EFFECTING A CHEMICAL CHANGE; COMPOSITION OF MATERIALS FOR COVERINGS OR CLOTHING FOR PROTECTING AGAINST HARMFUL CHEMICAL AGENTS; COMPOSITION OF MATERIALS FOR TRANSPARENT PARTS OF GAS-MASKS, RESPIRATORS, BREATHING BAGS OR HELMETS; COMPOSITION OF CHEMICAL MATERIALS FOR USE IN BREATHING APPARATUS

Note

Processes using enzymes or micro-organisms in order to:
(i) liberate, separate or purify a pre-existing compound or composition, or to
(ii) treat textiles or clean solid surfaces of materials
are further classified in subclass C12S. [5]

1/00 Fire-extinguishing compositions; Use of chemical substances in extinguishing fires (fireproof paints C09D 5/18; fireproofing materials C09K 21/00)
3/00 Processes for making harmful chemical substances harmless, or less harmful, by effecting a chemical change in the substances (consuming noxious gases by combustion F23G 7/06)
5/00 Composition of materials for coverings or clothing affording protection against harmful chemical agents
7/00 Composition of materials for transparent parts of gas-masks, respirators, breathing bags, or helmets
9/00 Composition of chemical substances for use in breathing apparatus (production of oxygen-generating compounds in general, processes for the production of oxygen from chemicals in general C01B 13/00, C25B 1/00)
A63B  APPARATUS FOR PHYSICAL TRAINING, GYMNASTICS, SWIMMING, CLIMBING, OR FENCING; BALL GAMES; TRAINING EQUIPMENT

Subclass Index

GYMNASTIC APPARATUS
Bars; Balance beams ........................................ 1/00, 3/00; 4/00
Apparatus for jumping; stilts .......................... 5/00, 6/00; 25/00
Freely-suspended apparatus; climbing poles, frames, or stages .................. 7/00; 9/00
Clubs ........................................................................ 15/00
Other exercising apparatus ......................... 17/00 to 23/00, 26/00
Controls ................................................................. 24/00

APPARATUS FOR SPECIAL SPORTS
Climbing, mountaineering .............................. 27/00, 29/00

Gymnastic exercising apparatus (training apparatus for special sports A63B 69/00; apparatus for passive exercising, massage A61H) [3]

<table>
<thead>
<tr>
<th>Group</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/00</td>
<td>Horizontal bars</td>
</tr>
<tr>
<td>3/00</td>
<td>Parallel bars or similar apparatus</td>
</tr>
<tr>
<td>4/00</td>
<td>Balance beams [5]</td>
</tr>
<tr>
<td>5/00</td>
<td>Apparatus for jumping (mats for jumping A63B 6/00; for racing or riding sports, e.g. hurdles, A63K) [5]</td>
</tr>
<tr>
<td>6/00</td>
<td>Mats or the like for absorbing shocks for jumping, gymnastics or the like [5]</td>
</tr>
<tr>
<td>7/00</td>
<td>Freely-suspended gymnastic apparatus</td>
</tr>
<tr>
<td>9/00</td>
<td>Climbing poles, frames, or stages</td>
</tr>
<tr>
<td>15/00</td>
<td>Clubs</td>
</tr>
<tr>
<td>17/00</td>
<td>Exercising apparatus combining several parts such as ladders, rods, beams, slides</td>
</tr>
<tr>
<td>19/00</td>
<td>Hoop exercising apparatus</td>
</tr>
<tr>
<td>21/00</td>
<td>Exercising apparatus for developing or strengthening the muscles or joints of the body by working against a counterforce, with or without measuring devices (electric or electronic controls therefor A63B 24/00; measuring muscular strength A61B 5/22)</td>
</tr>
<tr>
<td>21/002</td>
<td>isometric or isokinetic; i.e. substantial force variation without substantial muscle motion [5]</td>
</tr>
<tr>
<td>21/005</td>
<td>using electromagnetic or electric force-resisters [5]</td>
</tr>
<tr>
<td>21/008</td>
<td>using hydraulic or pneumatic force-resisters [5]</td>
</tr>
<tr>
<td>21/012</td>
<td>using frictional force-resisters [5]</td>
</tr>
<tr>
<td>21/02</td>
<td>using resilient force-resisters [5]</td>
</tr>
<tr>
<td>21/06</td>
<td>User-manipulated weights [5]</td>
</tr>
<tr>
<td>22/00</td>
<td>Exercising apparatus specially adapted for conditioning the cardio-vascular system, for training agility or co-ordination of movements (force-resisting aspects A63B 21/00; electric or electronic controls therefor A63B 24/00) [5]</td>
</tr>
<tr>
<td>22/00</td>
<td>with rotating cycling movement (support stands for bicycles A63B 69/16; unicycles B62K 1/00) [5]</td>
</tr>
</tbody>
</table>

Swimming .................................................. 31/00 to 35/00
Balls ......................................................................... 37/00 to 47/00
Golf equipment ............................................... 53/00 to 57/00
Other equipment for ball games .................. 49/00, 51/00, 59/00, 61/00, 63/00
Implements for throwing .................................. 65/00
Training equipment .............................................. 69/00

OTHER SPORTING GAMES; OTHER ACCESSORIES ................................................ 67/00; 71/00

23/00 Exercising apparatus specially adapted for particular parts of the body (A63B 22/00 takes precedence; force-resisting aspects A63B 21/00; electric or electronic controls therefor A63B 24/00; devices for exercising or strengthening of fingers or arms in teaching operation of keyboards G09B, e.g. G09B 15/00) [5]
23/035 | for limbs, i.e. upper or lower limbs, e.g. simultaneously [5] |
23/04 | for lower limbs [5] |

24/00 Electric or electronic controls for exercising apparatus of groups A63B 1/00 to A63B 23/00 [5]

25/00 Stilts or the like

26/00 Exercising apparatus not covered by groups A63B 1/00 to A63B 25/00 [5]

Climbing; Mountaineering

27/00 Apparatus for climbing poles, trees, or the like (safety belts for climbers A62B 35/00)

29/00 Apparatus for mountaineering (helmets A42B 3/00; non-skid devices or attachments for footwear, e.g. mountain climbing irons, A43C 15/00; breathing masks or helmets for use at high altitudes A62B 18/00; picks B25D 7/00) [3]

Swimming

31/00 Swimming aids (teaching swimming A63B 69/10 to A63B 69/12; life-saving in water B63C 9/00)

33/00 Swimming equipment attachable to the head, e.g. swimming helmets, swimming goggles (breathing aids, e.g. snorkels, B63C 11/02)

35/00 Swimming framework with driving mechanisms operated by the swimmer or by a motor (other vessels or like floating structures for pleasure or sport B63B 35/71, B63B 35/73; divers’ sleds or like craft B63C 11/46)
Balls

37/00 Solid balls; Marbles (heavy throwing-balls A63B 65/00)
37/02 Special cores
37/12 Special coverings
37/14 Special surfaces

39/00 Hollow non-inflatable balls

41/00 Hollow inflatable balls (connecting valves to inflatable elastic bodies B60C 29/00; valves, e.g. self-closing valves, F16K)

43/00 Balls with special arrangements

45/00 Apparatus or methods for manufacturing balls (working of plastics or substances in a plastic state B29)

47/00 Devices for handling or treating balls

Rackets, bats, or other accessories for ball games

49/00 Tennis, badminton, or like rackets
49/02 Frames
49/16 Presses
49/18 Covers

51/00 Stringing tennis rackets

53/00 Golf clubs
53/02 Joint structures between the head and the shaft
53/04 Heads
53/06 Adjustable
53/10 Non-metallic shafts
53/14 Handles

55/00 Bags for golf clubs; Stands for golf clubs for use on the course
55/08 Wheeled carriers for golf bags (running gear or propulsion features B60)

57/00 Golf game accessories, e.g. golf cups, golf tees

59/00 Bats, rackets, or the like, for other games (bats with a ball tethered thereto A63B 67/20)

61/00 Tennis nets or accessories for tennis or like games

63/00 Targets or goals for ball games (golf cups A63B 57/00)

65/00 Implements for throwing (throwing toys A63H 33/00; throwing weapons F41B)

67/00 Sporting games not provided for in groups A63B 1/00 to A63B 65/00
67/02 Special golf games, e.g. miniature golf

67/04 Table games physically beneficial for the human body, modelled on outdoor sports, e.g. table tennis (other table games A63F)
67/06 Ring or disc tossing games
67/08 Juggling or spinning ball games played as games of skill
67/10 Games with thread-suspended or swingably-mounted bodies, e.g. balls, pointed bodies shaped as birds, animals, or the like, for aiming at and hitting targets (games using a bat with a ball tethered thereto A63B 67/20; pin games with tethered balls A63D 7/00)
67/12 Flip games
67/14 Curling stone; Shuffleboard; Similar sliding games
67/16 Tethered aerial top or spinner games
67/18 Badminton, shuttlecock, or like games with feathered missles
67/20 Games using a bat with a ball tethered thereto [3]
67/22 the bat having one or more holes therein [3]

69/00 Training appliances or apparatus for special sports (training of parachutists B64D 23/00)
69/02 for fencing
69/04 simulating the movement of horses (toy animals for riding A63G 19/00)
69/06 for rowing or sculling
69/10 Swimming instruction apparatus for use without water
69/12 Arrangements in swimming pools for teaching swimming
69/16 for cycling
69/18 for skiing
69/20 Punching balls
69/34 Boxing or football dummies
69/36 for golf
69/38 for tennis
69/40 Stationarily-arranged devices for projecting balls (sling weapons F41B 3/00; traps for clay-pigeon targets F41J 9/00)

71/00 Games or sports accessories not covered in groups A63B 1/00 to A63B 69/00 (starting appliances A63K 3/00)
71/02 for large-room or outdoor sporting games
71/04 for small-room or indoor sporting games
71/06 Indicating or scoring devices for games or players (timing devices G07C)
71/08 Body-protectors for players or sportsmen (protective clothing or garments for sporting purposes A41D 13/00; in the form of caps or hats A42B 1/04; helmets A42B 3/00)

Subclass Index

SKATES; SKIS; ROLLER SKATES; DESIGN OR LAYOUT OF COURTS, RINKS OR THE LIKE (devices for underwater sports A63B 31/00, A63B 33/00, B63C 11/00; devices for gliding on water, e.g. water skis, B63B 35/73) [5]
Skates; Accessories for skating
1/00 Skates (roller skates or skate boards A63C 17/00)
3/00 Accessories for skates

Ski; Accessories for skiing
5/00 Skis; Ski vehicles (sledges with runners, e.g. ski-bobs, B62B 13/00)
5/06 Special devices on parts of the ski, e.g. steering devices
5/12 Making of skis; Selection of particular materials (materials for the running sole A63C 5/00) [4]
7/00 Devices preventing skis from slipping back; Ski-stoppers or ski-brakes [4]

9/00 Ski bindings
9/08 yieldable or self-releasing in the event of an accident, i.e. safety bindings

11/00 Accessories for skis (fittings on vehicles for carrying skis B60R 9/00)

13/00 Snow shoes
17/00 Roller skates; Skate-boards [4]
17/04 with wheels arranged otherwise than in two pairs

19/00 Design or layout of playing courts, rinks, bowling greens or areas for water-skiing; Covers therefor (water roundabouts A63G 3/00; construction of surfaces or foundations E01C; roofs E04B 7/00; buildings or groups of buildings for sports E04H 3/10; swimming or splash baths or pools E04H 4/00; coverings for baths E04H 4/00) [4]

A63D BOWLING-ALLEYS; BOWLING GAMES; BOCCIA; BOWLS; BAGATELLE; BILLIARDS (balls A63B; indoor games using small moving playing bodies, e.g. balls, A63F 7/00)

Subclass Index
BILLIARDS ................................................................. 13/00, 15/00
BOWLING GAMES .................................................. 1/00 to 9/00, 13/00

1/00 Bowling-alleys; Boccia courts (bowling greens A63C 19/00)
3/00 Table alleys; Miniature bowling-alleys; Bowling games (coin-free G07F)
5/00 Accessories for bowling-alleys or table alleys
7/00 Games of pins, e.g. ninepins, with tethered balls
9/00 Pins

13/00 Bagatelle; Similar games (devices for projecting or rolling-off the balls A63F 7/00)

Note
In this group, the following term is used with the meaning indicated:
- “Bagatelle” means a modification of billiards in which the player’s object is to strike the balls so that they, and perhaps other balls, shall fall into numbered holes that determine the score.

15/00 Billiards; Billiard tables; Pocket Billiards (bagatelles A63D 13/00)

A63F CARD, BOARD, OR ROULETTE GAMES; INDOOR GAMES USING SMALL MOVING PLAYING BODIES; GAMES NOT OTHERWISE PROVIDED FOR (data-processing equipment characterised by a specific application for game playing G06F 17/00, G06F 19/00) [5]

1/00 Card games (aspects of games using an electronically generated display having two or more dimensions showing representations related to the game A63F 13/00) [1,7]
3/00 Board games; Raffle games (racing games, traffic games, or obstacle games characterised by figures moved by action of the players A63F 9/14; aspects of games using an electronically generated display having two or more dimensions showing representations related to the game A63F 13/00) [1,7]
3/02 Chess; Similar board games
3/04 Geographical or like games
3/06 Lottos or bingo games; Systems, apparatus or devices for checking such games [5]
3/08 Raffle games that can be played by a fairly large number of people

5/00 Roulette games (aspects of games using an electronically generated display having two or more dimensions showing representations related to the game A63F 13/00) [1,7]
5/04 Disc roulettes; Dial roulettes; Teetotums; Dice-tops

7/00 Indoor games using small moving playing bodies, e.g. balls, discs or blocks (board games, raffle games A63F 3/00; roulette games A63F 5/00; aspects of games using an electronically generated display having two or more dimensions showing representations related to the game A63F 13/00; table games physically beneficial for the human body modelled on outdoor sports A63B 67/00; miniature bowling games A63D 3/00; bagatelle or similar games A63D 13/00; billiards, pocket billiards A63D 15/00) [1,7]
7/02 using falling playing bodies or playing bodies running on an inclined surface, e.g. pinball games
### A63F – A63G

**9/00 Games not otherwise provided for** (aspects of games using an electronically generated display having two or more dimensions showing representations related to the game A63F 13/00) [1, 7]

- 9/02 Shooting or hurling games (throwing-impliments for sports or recreational use A63B 65/00; throwing or projecting toys per se A63H 33/00; targets, target ranges, bullet catchers F41J) [3]
- 9/04 Dice (dice-tops A63F 5/04); Dice-boxes; Mechanical dice-throwing devices
- 9/06 Patience; Other games for self-amusement (balls to be shaken in small boxes A63F 7/00)
- 9/14 Racing games, traffic games, or obstacle games characterised by figures moved by action of the players (games using dice A63F 3/00)
- 9/16 Spinning-top games
- 9/18 Question-and-answer games
- 9/20 Dominoes or like games; Mah-Jongg games
- 9/24 Games using electronic circuits not otherwise provided for [5]

**11/00 Game accessories of general use** [7]

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**A63G MERRY-GO-ROUNDS; SWINGS; ROCKING-HORSES; CHUTES; SWITCHBACKS; SIMILAR DEVICES FOR PUBLIC AMUSEMENT**

<table>
<thead>
<tr>
<th>Subclass Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROUNDABOUTS ..........................................................1/00 to 7/00</td>
</tr>
<tr>
<td>SWINGS, SEE-SAWS, GREAT WHEELS.......... 9/00, 11/00, 13/00, 27/00</td>
</tr>
<tr>
<td>ROCKING HORSES, OTHER TOY ANIMALS FOR RIDING........13/00 to 19/00</td>
</tr>
</tbody>
</table>

**Merry-go-rounds or roundabouts**

- 1/00 Roundabouts
- 3/00 Water roundabouts, e.g. freely floating
- 4/00 Accessories for roundabouts not restricted to one of groups A63G 1/00 or A63G 3/00
- 5/00 Games on roundabouts
- 7/00 Up-and-down-hill tracks; Switchbacks

**Swings; Rocking horses; Other toy animals for riding** (as nursery furniture A47D 13/00; rocking chairs as nursery furniture A47D 13/00) [3]

- 9/00 Swings
- 11/00 See-saws
- 13/00 Cradle swings; Rocking-horses; Like devices resting on the ground
- 15/00 Rocking horses on runners adapted for progressive movement

**Note**

Game accessories specially adapted for a particular type of game are classified in one of the groups A63F 1/00 to A63F 9/00 covering the particular game. [7]

**13/00 Aspects of games using an electronically generated display having two or more dimensions, e.g. on a television screen, showing representations related to the game (electric circuitry, see the relevant subclasses therefore) [7]**

- 13/02 Accessories (input or output arrangements for electrical digital computers G06F 3/00) [7]
- 13/08 Constructional details or arrangements, e.g. housing, wiring, connections, cabinets, not otherwise provided for [7]
- 13/10 Control of the course of the game, e.g. start, progress, end [7]
- 13/12 involving interaction between a plurality of game devices, e.g. transmission or distribution systems [7]

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**17/00 Hobby-horses**

**19/00 Toy animals for riding**

**Chutes; Slides; Similar apparatus for public amusement**

- 21/00 Chutes; Helter-skelters
- 23/00 Rotating or rocking pots
- 25/00 Autocar-like self-drivers; Runways therefor
- 27/00 Russian swings; Great wheels, e.g. Ferris wheels
- 29/00 Rolling drums turning somersaults with or without rolling seats

**Other apparatus for public amusement**

- 31/00 Amusement arrangements
- 33/00 Devices allowing competitions between several persons, not otherwise provided for
A63H  TOYS, e.g. TOPS, DOLLS, HOOPS, BUILDING BLOCKS

Subclass Index

MECHANICALLY OR GRAVITY DRIVEN

TOY FIGURES.................................................. 11/00, 13/00, 15/00

TOY VEHICLES

Model railways, toy trains ................................ 19/00, 21/00
Other toy railways; tracks therefor;
toy engines........................................ 17/00, 23/00, 27/00;
18/00; 25/00

1 / 00 Tops (flying tops A63H 27/00)

Dolls; Figures; Musical toys

3 / 00 Dolls (dolls' footwear A43B 3/00)

Note

In this group, the following term is used with the
meaning indicated:
– “doll” includes a toy animal.

5 / 00 Musical or noise-producing devices for additional toy
effects other than acoustical (musical tops A63H 1/00; 
hand-thrown impact-exploded noise makers F42B 4/00; 
music, sound or noise production in general G10)

7 / 00 Toy figures led or propelled by the user

9 / 00 Special methods or compositions for the manufacture 
of dolls, toy animals, toy figures, or parts thereof

Mechanically or gravity driven toy figures

11 / 00 Self-moving toy figures

13 / 00 Toy figures with self-moving parts, with or without
movement of the toy as a whole

15 / 00 Other gravity-operated toy figures

Toy vehicles; Toy engines

17 / 00 Toy vehicles, e.g. with self-drive; Accessories therefor
(traffic games with figures moved by players
A63F 9/14)

18 / 00 Highways or trackways for toys (railway permanent
way A63H 19/00; for special railways A63H 21/00); 
Propulsion by special interaction between vehicle
and track

19 / 00 Model railways (propulsion by special interaction
between vehicle and track A63H 18/00)

21 / 00 Other toy railways

23 / 00 Toy boats; Floating toys; Other aquatic toy
devices [2]

25 / 00 Toy steam, gas, or compressed-air engines (for
locomotives A63H 19/00)

27 / 00 Toy aircraft; Other flying toys (toys with parachutes
A63H 33/00)

Driving or controlling toys, e.g. toy vehicles

29 / 00 Drive mechanisms for toys in general

30 / 00 Remote-control arrangements specially adapted for
toys, e.g. for toy vehicles (steering mechanisms for toy
vehicles A63H 17/00; for model railways
A63H 19/00) [4]

31 / 00 Gearing for toys (gearing in general F16H)

33 / 00 Other toys (throwing or slinging toys as part of a game
A63F 9/02; spring toy guns F41B 7/00; models or
scenery for general purposes G09B)

33 / 04 . Building blocks, strips, or similar building parts

33 / 22 . Optical, colour, or shadow toys (kaleidoscopes
G02B 27/08)

33 / 26 . Magnetic or electric toys (electric drives
A63H 29/00)

33 / 28 . Soap-bubble toys; Smoke toys (blowing smoke rings
A24F 13/00)

33 / 30 . Imitations of apparatus, not otherwise provided for,
e.g. telephones, weighing-machines, cash-registers
(savings boxes A45C 1/00; toy ticket punches
G07B 9/00) [3]

33 / 38 . Picture books with additional toy effects, e.g. pop-up
or slide displays (picture books B42D 1/00) [4]

37 / 00 Jokes; Confetti, streamers, or other dance favours [4]

A63J  DEVICES FOR THEATRES, CIRCUSES, OR THE LIKE; CONJURING APPLIANCES OR THE LIKE (buildings for
meetings, entertainments or sports E04H 3/10)

Subclass Index

STAGE OR CIRCUS ARRANGEMENTS.....................1/00 to 5/00
OTHER VISUAL ENTERTAINMENT.................... 13/00 to 19/00,
23/00

OTHER ENTERTAINMENT ...............................9/00, 11/00, 23/00
APPARATUS FOR ARTISTES.............................7/00, 21/00
<table>
<thead>
<tr>
<th>S.</th>
<th>Stage arrangements (fabrics for theatre decorations, for costumes, for curtains D03D; structural arrangements of stage or theatre E04H)</th>
<th>auxiliaries for producing special effects on stages, or in circuses or arenas (lighting therefor F21S)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1/00</td>
<td>Equipment for, or arrangement of, circuses or arenas (circus buildings E04B, E04H)</td>
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</tr>
<tr>
<td>5/00</td>
<td>Equipment for amusement shows not covered by any other group of this subclass (cinematographic projection means G03B)</td>
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</tr>
<tr>
<td>7/00</td>
<td>Labyrinths</td>
<td>equipment or accessories for racing or riding sports</td>
<td></td>
</tr>
<tr>
<td>9/00</td>
<td>Centrifugal tracks, loop-the-loops, or the like (chutes for public amusement A63G 21/00)</td>
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<td>11/00</td>
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<td>1/00</td>
<td>Race-courses; Race-tracks</td>
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<td>3/00</td>
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</tr>
</tbody>
</table>

**A63K**

- **RACING; RIDING SPORTS; EQUIPMENT OR ACCESSORIES THEREFOR** (stop watches G04F 7/00; timing G07C 1/00; indicating arrangements for variable information by selection or combination of individual elements G09F 9/00)

<table>
<thead>
<tr>
<th>S.</th>
<th>Race-courses; Race-tracks</th>
<th>Equipment or accessories for racing or riding sports</th>
<th>Subject matter not provided for in other groups of this subclass [8]</th>
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<td></td>
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</tbody>
</table>
**Note**

This subclass covers subject matter that: [8]

(a) is not provided for, but is most closely related to, the subject matter covered by the subclasses of this section, and [8]

(b) is not explicitly covered by any subclass of another section. [8]