

# INTERNATIONAL STANDARD

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Second edition  
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## **Technical aids for disabled persons — Classification**

*Aides techniques pour personnes atteintes d'un handicap ou d'un  
désavantage social — Classification*

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75% of the member bodies casting a vote.

International Standard ISO 9999 was prepared by Technical Committee ISO/TC 173, *Technical systems and aids for disabled or handicapped persons*, Subcommittee SC 2 *Classification and terminology*.

This second edition cancels and replaces the first edition (ISO 9999:1992), which has been technically revised. A conversion table, available from the ISO/TC 173/SC 2 Secretariat, presents the changes from the previous edition.

Annex A of this International Standard is for information only.

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# Technical aids for disabled persons — Classification

## 1 Scope

This International Standard establishes a classification of technical aids for disabled persons. At present, it is restricted to those technical aids which are used mainly by an individual disabled person.

The classification is intended to promote communication. It may be used, for example, as the basis for information systems on and about technical aids for disabled persons, for the development of stock control system or for the production of supply statistics.

The following items are specifically excluded from this International Standard:

- items used for the installation of technical aids;
- compiled devices (components included in the classification) are not incorporated into the classification automatically;
- medicines;
- technical aids and instruments, exclusively used by medical practitioners;
- financial support;
- nontechnical solutions, such as personal assistance, guide dogs, monkeys, lip-reading etc., and internal devices (implants).

Technical aids for problem transport and availability in buildings are not included unless they may also be used in private houses or in private transport.

NOTE — Proposals for changes or additions to this International Standard, in respect of both existing and proposed new classes, which take into account the rules given for classification may be submitted to ISO/TC 173, SC 2, with an accompanying explanation for the proposal.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 1087-1:—<sup>1)</sup>, *Terminology work— Vocabulary — Part 1: Theory and application*.

ISO 1087-2:—<sup>1)</sup>, *Terminology work — Vocabulary — Part 2: Computer applications*.

<sup>1)</sup> To be published. (Revision, in part, of ISO 1087:1990)

### 3 Definitions

For the purposes of this International Standard, the terminology of ISO 1087 applies. Where relevant product standards exist their terminology is used in this International Standard (see annex A). The following definitions also apply.

#### 3.1

##### **impairment**

<in the context of health experience> any loss or abnormality of psychological, physiological, or anatomical structure or function.<sup>2)</sup>

#### 3.2

##### **disability**

<in the context of health experience> any restriction or lack (resulting from an impairment) of ability to perform an activity in the manner or within the range considered normal for a human being.<sup>2)</sup>

#### 3.3

##### **handicap**

<in the context of health experience> disadvantage for a given individual, resulting from an impairment or a disability, that limits or prevents the fulfilment of a role that is normal (depending on age, sex, and social and cultural factors) for that individual.<sup>2)</sup>

#### 3.4

##### **disabled person**

person with one or more impairments, one or more disabilities, one or more handicaps or a combination of impairment, disability and/or handicap

#### 3.5

##### **technical aid**

<for disabled persons> any product, instrument, equipment or technical system used by a disabled person, especially produced or generally available, preventing, compensating, relieving or neutralizing the impairment, disability or handicap

#### 3.6

##### **classification**

system of concepts or a structured set of concepts established according to the relations between them, each concept being determined by a systematic code and its position in the system of concepts

#### 3.7

##### **class**

collection of similar articles, divided according to definite and/or chosen rules

### 4 Principle

The classification is based on a functional division with products being classified according to their principal function.

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<sup>2)</sup> International Classification of Impairments, Disabilities and Handicaps (ICIDH), WHO, Geneva 1980, reprint 1993 (see Annex A).

In particular, it should be noted that technical aids which are used exclusively for training should be included in class 03. An aid which has a function other than training but which may also be used for training should be included in the class covering its principal function.

In this classification, software is treated in the same manner as hardware and is classified as such in the division according to its function.

## 5 Elements and rules used in classification

### 5.1 Construction

The classification consists of three hierarchical levels, termed classes, subclasses and divisions respectively.

Each class, subclass, or division consists of a code and a name and, if necessary, a definition or explanatory text and/or a reference to other parts of the classification.

References are used for two purposes:

- to separate classes, subclasses or divisions from one another, e.g. general versus specific;
- for information, e.g. references between related products.

In general, references are made to the lowest possible level.

### 5.2 Codes

**5.2.1** The code consists of three groups of two digits each.

The first and second digits indicate the class, the third and fourth digits the subclass, and the fifth and sixth digits the division.

For practical purposes, classes alone are indicated by two digits only (deleting two groups of zeros) and subclasses alone are indicated by two groups of two digits (deleting one group of zeros).

The code determines the position of the class, the subclass, or the division respectively in the classification.

**5.2.2** The digits for the codes were originally chosen using intervals of three in order to allow the introduction of amendments and extensions in subsequent revisions of this International Standard without changing the classification fundamentally.

**5.2.3** Classes 00, 01, 02 and 90 to 99 and the associated subclasses and divisions are reserved for national applications.

In addition further levels may be added to any part of the classification to serve national or local purposes.

A fixed position (89) is reserved at all levels for technical aids which are categorized as "other".

NOTE — A conversion table detailing the coding changes from the first edition of the classification to this revision is available. This table, which is not part of this International Standard, may be obtained from the ISO/TC 173/SC 2 Secretariat. In the present revision, codes which were originally used to classify items which have been removed from the classification are not used to classify new items which have been added to the classification.

### 5.3 Terms

**5.3.1** As far as possible the terminology in general use has been adopted. Where relevant product standards exist, their terminology is used in this International Standard (see annex A, and in particular reference [8]).

**5.3.2** All terms are in the plural form.

**5.3.3** Terms at class level are generally connected to a special function. In classes, terms connected to a special product are only used if the term is broadly applied or if the function for the product is incorporated in the name.

**5.3.4** Depending on the type of the technical aid, terms at subclass or division level are related to a special function (eg aids for weighing and measuring) or indicate a special product (eg scissors).

**5.3.5** In order to prevent repetition, the term at division level is considered to be interconnected with the term of the subclass.

**5.3.6** Only in cases where a technical aid is used by a specific group of disabled persons shall the term used refer to that group of disabled persons.

### 5.4 Some rules used in classification

**5.4.1** A class is equal to the sum of its subclasses and a subclass is equal to the sum of its divisions. In the classification no term such as "general" is used, since it is considered to be included in the heading of the class or the subclass (see also 5.2.3 concerning the use of the term "other").

**5.4.2** Products appear only at the division level.

**5.4.3** In general, parts of aids, accessories to aids, individually adapted aids and individual adaptations in homes and other premises are included with the aid they are associated with.

**5.4.4** Parts, accessories and adaptations are separately classified if they are fitted to a group of aids. In these cases they are classified as close as possible to the group of technical aids with which they are associated.

**5.4.5** The classification is organized in such a manner that all technical aids can be classified without being tested or measured.

**5.4.6** A classification of hypothetical technical aids is avoided.

## 6 Index

An alphabetical index of terms is provided to facilitate access to the classification.

Synonyms may be incorporated in the index and refer to the preferred term in the classification.

## 7 Classification

### 03 Aids for therapy and training

including aids used for personal treatment and aids for sexual activities. Aids that have a function other than training but which may also be used for training should be included in the class covering its principal function.

#### 03 03 Aids for respiratory therapy

Vibrators, see 03 27 12

Aids for environmental improvement, see 27 03

03 03 03 Inhaled-air preheaters

03 03 06 Inhalation equipment

including jet dispensers, automatic inhaler dispensers, pressure respirators, ultrasound nebulizers, and filters and nebulizers with dosage aerosols

03 03 12 Respirators

including ventilators

03 03 18 Oxygen units

including oxygen concentrators

03 03 21 Aspirators

03 03 24 Benches and cushions for respiratory therapy

03 03 27 Respiration muscle trainers

including masks producing a resistance to inhalation and/or expiration

03 03 30 Respiration meters

including spirometers

#### 03 06 Aids for circulation therapy

Blood-pressure meters, see 03 24 09

Heart stimulators, see 03 27 03

Training and ergometer cycles, see 03 48 03

Special sitting furniture, see 18 09 21

Adjustable beds, see 18 12 07 and 18 12 10

03 06 03 Suits and stockings filled with compressed air

including compression garments for arms, legs and other parts of the body

03 06 06 Anti-oedema stockings for arms and legs

03 06 12 Compression units

**03 09 Aids for light therapy**

IR lamps, see 03 30 03

## 03 09 03 UVA lamps

including lamps in the spectrum range 315 nm to 400 nm

## 03 09 06 SUP (Selective Ultraviolet Phototherapy) and UVB lamps

including lamps in the spectrum range 280 nm to 340 nm

## 03 09 09 Protective eyeglasses for light therapy

Aids for eye and face protection, see 09 06 06

**03 12 Abdominal hernia aids**

Lumbosacral orthoses, see 06 03 06

## 03 12 03 Hernia straps

## 03 12 06 Hernia girdles and trusses

**03 15 Aids for dialysis therapy**

Injection materials, see 03 21

Sterilizing equipment, see 03 22

Bacteria cultivation materials, see 03 24 06

Bloodpressure meters, see 03 24 09

Blood analysis materials, see 03 24 12

Body thermometers, see 09 48 03

Personal scales, see 09 48 06

Tables, see 18 03

Light fixtures, see 18 06

Sitting furniture, see 18 09

Water purifiers and water softeners, see 27 03 18

## 03 15 03 Haemodialysis units (HD)

including dialyzers, monitors, blood pumps, heparin pumps, air detectors

## 03 15 06 Units for continuous ambulant peritoneal dialysis (CAPD)

including infusion unit bags, frames, heaters, fistula cannulas

## 03 15 12 Instrument sets for dialysis

including trays and forceps

Sterilizing equipment, see 03 22

**03 18 Aids for dosing medicines**

Aids for administering medicines in quantity and time

Dosing aids used in conjunction with injection syringes, see 03 21 18

Aids for opening bottles, cans, containers, see 24 06 03

03 18 03 Dosing boxes

**03 21 Injection materials**

03 21 03 Injection guns

03 21 06 Injection syringes, single-use

03 21 09 Injection syringes, multi-use

03 21 12 Injection needles, single-use

03 21 15 Injection needles, multi-use or permanent use

03 21 18 Dosing aids used in conjunction with injection syringes

Aids for filling syringes and to ensure a correct dose even if the user is partially sighted, blind or has impaired hand function  
including injection cartridges and aids for insulin storage and automatic pipettes

03 21 21 Infusion pumps

including insulin pumps

**03 22 Sterilizing equipment**

**03 24 Physical, physiological and biochemical test equipment and materials**

03 24 03 Urinalysis equipment

03 24 06 Bacteria culture media and equipment

03 24 09 Blood-pressure meters (sphygmomanometers)

03 24 12 Blood analysis materials

03 24 15 Electrocardiogram (ECG) equipment

03 24 18 Physical test and evaluation materials

**03 25 Cognitive test equipment and materials**

03 25 03 Language test and evaluation materials

03 25 06 Psychological test and evaluation materials

03 25 09 Educational test and evaluation materials, including vocational tests

**03 27 Stimulators**

including aids for the modification of bodily functions, e.g. aids for increasing, decreasing or stabilizing functions

Functional electrical stimulators and hybrid orthotic systems, see 06 15

Hearing aids with implant, see 21 45 18

## 03 27 03 Heart stimulators

including pacemakers

## 03 27 06 Stimulators for pain relief

## 03 27 09 Muscle stimulators not used as orthoses

including stimulators for continence

## 03 27 12 Vibrators

## 03 27 15 Tinnitus masks

Attachments for hearing aids and hearing aids with built-in tinnitus masking, see 21 45

**03 30 Aids for heat or cold treatment**

## 03 30 03 Aids for heat treatment

including IR lamps

## 03 30 06 Aids for cold treatment

**03 33 Aids for pressure-sore prevention  
(antidecubitus aids)**

Body-worn protective aids, see 09 06

## 03 33 03 Cushions for pressure-sore prevention

Seat cushions, see 18 09 30

## 03 33 06 Mattresses and coverings for pressure-sore prevention

including sheepskins

Bedding, see 18 12 15

Mattresses, see 18 12 18

## 03 33 09 Special equipment for pressure-sore prevention

including alarms for pressure-sore prevention (e.g. paralarm)

## 03 33 12 Beds for pressure-sore prevention

Turning aids, see 12 33

Beds, see 18 12

**03 36 Aids for perceptual training**

Stimulators, see 03 27

Aids for heat or cold treatment, see 03 30

Aids for communication therapy and training, see 03 42  
Equipment for movement, strength and balance training, see 03 48  
Aids for training cognitive skills, see 03 57

03 36 03 Aids for training perceptual discrimination and matching

03 36 06 Aids for training perceptual coordination  
including spatial concepts, eye-hand coordination  
Aids for training personal mobility, see 03 78 09

### **03 39 Aids for visual training**

03 39 03 Aids for occlusion treatment

### **03 42 Aids for communication therapy and training**

Aids for training alternative and augmentative communication, see 03 43  
Aids for mother-language training, see 03 63 03  
Aids for foreign-language training, see 03 63 06  
Audio recorders and receivers, see 21 30

03 42 03 Vibrating chairs (for training deaf persons)

03 42 06 Aids for voice and speech training  
including aids for training spoken language, S-, F- and Sch-indicators and acoustic spectral analyzers  
Aids for mother-language training, see 03 63 03  
Aids for foreign-language training, see 03 63 06

03 42 12 Training materials for developing reading skills  
Aids for mother-language training, see 03 63 03  
Book support and book holders, see 21 27 06

03 42 15 Training materials for developing writing skills  
Aids for training keyboard skills, see 03 75 12  
Typewriters and word processing machines, see 21 15

### **03 43 Aids for training alternative and augmentative communication**

Aids for training cognitive skills, see 03 57  
Aids for communication, information and signalling - including aids for reading, writing, telephoning and security alarms, see 21

03 43 03 Aids for training finger spelling

03 43 06 Aids for training sign language

03 43 09 Aids for training lip reading

03 43 12 Aids for training cued speech (e.g. Danish mouth-hand cued speech)

- 03 43 15 Aids for Braille training
- 03 43 18 Aids for training other tactile symbols
- 03 43 21 Aids for training icon-symbols  
including pic-symbols
- 03 43 24 Aids for training Bliss-communication
- 03 43 27 Aids for training communication with pictures and drawings  
Aids for drawing and handwriting, see 21 24
- 03 43 30 Aids for training Morse communication  
Aids for signalling, see 21 48
- 03 45 Aids for spinal traction**
- 03 48 Equipment for movement, strength and balance training**
- 03 48 03 Training and ergometer cycles
- 03 48 06 Parallel bars and supports for standing
- 03 48 12 Finger and hand exercise appliances
- 03 48 15 Arm, trunk and leg exercise appliances  
including wallbars, trampolines, gymnasium mats and balance boards
- 03 48 18 Weighted cuffs
- 03 48 21 Tilting tables
- 03 48 24 Biofeedback devices for movement, strength and balance training  
Aids providing an audible, visible or tactile signal in response to a specific physical or physiological action
- 03 48 27 Aids for positioning the body during therapy
- 03 51 Aids for continence training**
- 03 51 03 Incontinence alarms  
Muscle stimulators not used as orthoses (including stimulators for continence), see 03 27 09
- 03 54 Aids for sexual activities**  
Stimulators, see 03 27  
Showers, see 09 33 09  
Seat cushions, see 18 09 30  
Back cushions and back pads, see 18 09 33  
Beds, see 18 12

**03 57 Aids for training cognitive skills**

Aids for perceptual training, see 03 36

Aids for training perceptual coordination including spatial concepts, see 03 36 06

Aids for communication therapy and training, see 03 42

Aids for training alternative and augmentative communication, see 03 43

Aids for training control of input units and handling products and goods, see 03 75

Aids for communication, information and signalling - including aids for reading, writing, telephoning and security alarms, see 21

03 57 03 Aids for memory training

03 57 06 Aids for training sequencing

03 57 09 Aids for training attention

03 57 12 Aids for training concept development

03 57 15 Aids for training classification

03 57 18 Aids for training problem solving

03 57 21 Aids for training inductive/deductive reasoning

**03 60 Aids for training basic skills**

Aids for voice and speech training, see 03 42 06

Aids for mother-language training, see 03 63 03

Aids for foreign-language training, see 03 63 06

03 60 03 Aids for training early counting

03 60 06 Aids for coding and decoding written language

Training materials for developing reading skills, see 03 42 12

Training materials for developing writing skills, see 03 42 15

Aids for mother-language training, see 03 63 03

03 60 09 Aids for training understanding of time

Timepieces, see 09 51

03 60 12 Aids for training understanding of money

03 60 15 Aids for training understanding measures/capacity

Aids for weighing and measuring, see 15 03 03

Cooking units, see 15 03 21

Measuring instruments, see 27 06

03 60 18 Aids for training basic geometric skills

Aids for training natural subjects, see 03 63 15

- 03 63      Various educational subjects**  
including aids for training and developing academic skills  
Aids for vocational training, see 03 66
- 03 63 03    Aids for mother-language training  
including aids with only one language  
Aids for voice and speech training, see 03 42 06
- 03 63 06    Aids for foreign-language training  
including aids with more than one language  
Aids for voice and speech training, see 03 42 06
- 03 63 09    Aids for training humanistic subjects
- 03 63 12    Aids for training social subjects
- 03 63 15    Aids for training natural subjects
- 03 63 18    Aids for training occupational and commercial subjects
- 03 66      Aids for vocational training**  
Aids for training social skills, see 03 72  
Aids for handling products and goods, see 24
- 03 66 03    Aids for vocational guidance
- 03 66 06    Aids for general job training
- 03 66 09    Aids for training office and business functions
- 03 66 12    Aids for training programming and informatics
- 03 66 15    Aids for training telecommunication  
Telephones and aids for telephoning, see 21 36  
Aids for signalling, see 21 48
- 03 69      Aids for training in the arts**  
Aids intended for developing artistic skills  
Aids for recreation, see 30
- 03 69 03    Aids for training musical skills  
Musical instruments, see 30 12
- 03 69 06    Aids for training drawing skills  
Aids for drawing and handwriting, see 21 24  
Handicraft tools, materials and equipment, see 30 18
- 03 69 09    Aids for training drama and dance

**03 72 Aids for training social skills**

- 03 72 03 Aids for training recreational activities  
Aids intended for training recreative activities  
Aids for recreation, see 30
- 03 72 06 Aids for training social behaviour
- 03 72 09 Aids for personal safety training  
including aids for traffic training  
Safety equipment for the home and other premises, see 18 33
- 03 72 12 Aids for travel training  
Aids for personal mobility, see 12  
Orientation aids, see 12 39

**03 75 Aids for training control of input units and handling products and goods**

- Physical test equipment and materials, see 03 24
- Aids for perceptual training, see 03 36
- Equipment for movement, strength and balance training, see 03 48
- Input and output devices and accessories for computers, typewriters and calculators, see 21 09
- Aids for handling products and goods, see 24
- 03 75 03 Aids for training mouse control
- 03 75 06 Aids for training joystick control  
Aids for training personal mobility, see 03 78 09
- 03 75 09 Aids for training switch control
- 03 75 12 Aids for training keyboard skills
- 03 75 15 Aids for training selection techniques  
Operating controls and devices, see 24 09

**03 78 Aids for training in daily living activities**

- 03 78 03 Aids for training use of prostheses  
Orthoses and prostheses, see 06
- 03 78 06 Aids for training everyday personal activities  
Aids for personal care and protection, see 09
- 03 78 09 Aids for training personal mobility  
Aids for personal mobility, see 12

03 78 12 Aids for training housekeeping  
Aids for housekeeping, see 15

**06 Orthoses and prostheses** (see also annex A)

including both body-powered and externally powered orthoses and external prostheses, orthopaedic footwear and cosmetic prostheses  
excluding endoprostheses (not part of the scope of this International Standard)

**Orthoses** (06 03 - 06 15)

**06 03 Spinal orthotic systems**

A spinal orthotic system is a collection of compatible components usually produced by a single manufacturer which may be integrated with any individually fabricated component to produce a range of different spinal orthoses.

The individual devices may be classified according to the following classification.

Aids for hernia therapy, see 03 12

06 03 03 Sacroiliac orthoses

06 03 06 Lumbosacral orthoses

06 03 09 Thoracolumbosacral orthoses

06 03 12 Cervical orthoses

06 03 15 Cervicothoracic orthoses

06 03 18 Cervicothoracolumbosacral orthoses

**06 06 Upper limb orthotic systems (body-worn)**

An upper limb orthotic system is a collection of compatible components usually produced by a single manufacturer which may be integrated with any individually fabricated component to produce a range of different upper limb orthoses.

The individual devices and principal components may be classified according to the following classification.

06 06 03 Finger orthoses

06 06 06 Hand orthoses

06 06 09 Wrist orthoses

06 06 12 Wrist-hand orthoses

- 06 06 13 Wrist-hand-finger orthoses
- 06 06 15 Elbow orthoses
- 06 06 18 Elbow-wrist orthoses
- 06 06 19 Elbow-wrist-hand orthoses
- 06 06 21 Shoulder orthoses
- 06 06 24 Shoulder-elbow orthoses
- 06 06 27 Shoulder-elbow-wrist orthoses
- 06 06 30 Shoulder-elbow-wrist-hand orthoses
- 06 06 33 Wrist joints
- 06 06 36 Elbow joints
- 06 06 39 Shoulder joints

**06 09 Upper limb orthoses (non-body-worn)**

Forearm supports applied to a typewriter or computer, see 21 09 24

Aids to assist and/or replace arm and/or hand and/or finger function, see 24 18

**06 12 Lower limb orthotic systems**

A lower limb orthotic system is a collection of compatible components usually produced by a single manufacturer which may be integrated with any individually fabricated component to produce a range of different lower limb orthoses.

The individual devices and principal components may be classified according to the following classification.

- 06 12 03 Foot orthoses  
including insoles and shoe inserts
- 06 12 06 Ankle-foot orthoses
- 06 12 09 Knee orthoses
- 06 12 12 Knee-ankle-foot orthoses
- 06 12 15 Hip orthoses  
(including abduction orthoses)
- 06 12 16 Hip-knee orthoses
- 06 12 18 Hip-knee-ankle-foot orthoses

06 12 21 Ankle joints

06 12 24 Knee joints

06 12 27 Hip joints

#### **06 15 Functional electrical stimulators and hybrid orthotic systems**

Functional electrical stimulators are designed to compensate for a loss of normal motor function. Functional electrical stimulators may be used in combination with mechanical orthoses in hybrid orthotic systems.

Stimulators, not used as orthoses, see 03 27

#### **Limb prostheses (06 18 - 06 27)**

#### **06 18 Upper limb prosthetic systems**

An upper limb prosthetic system is a collection of compatible components usually produced by a single manufacturer and commercially available. The components may be integrated with any individually fabricated component to produce a range of different upper limb prostheses.

The individual devices and principal components may be classified according to the following classification.

06 18 03 Partial hand prostheses  
including finger prostheses

06 18 06 Wrist disarticulation prostheses

06 18 09 Transradial (below-elbow) prostheses

06 18 12 Elbow disarticulation prostheses

06 18 15 Trans-humeral (above-elbow) prostheses

06 18 18 Shoulder disarticulation prostheses

06 18 21 Forequarter amputation prostheses

06 18 24 Prosthetic hands

06 18 27 Split hooks and specialized appliances (or tools)  
Functional tools, not components of limb prostheses, see 27 12

06 18 30 Wrist units

06 18 33 Elbow units

06 18 36 Shoulder units

06 18 39 External joints for upper limb prosthetic systems

06 18 42 Alignment devices for upper limb prosthetic systems

**06 21 Cosmetic and nonfunctional upper limb prostheses**

**06 24 Lower limb prosthetic systems**

A lower limb prosthetic system is a collection of compatible components usually produced by a single manufacturer which may be integrated with any individually fabricated component to produce a range of different lower limb prostheses.

The individual devices and principal components may be classified according to the following classification.

06 24 03 Partial foot prostheses  
including toe prostheses

06 24 06 Ankle disarticulation prostheses

06 24 09 Transtibial (below-knee) prostheses

06 24 12 Knee disarticulation prostheses

06 24 15 Transfemoral (above-knee) prostheses

06 24 18 Hip disarticulation prostheses

06 24 21 Hemipelvectomy prostheses

06 24 24 Hemicorporectomy prostheses

06 24 27 Ankle-foot devices (prosthetic feet)

06 24 30 Torque reducers

06 24 33 Knee units

06 24 36 Hip units

06 24 37 External joints for lower limb prosthetic systems

06 24 39 Transtibial sockets (preformed)

06 24 42 Transfemoral sockets (preformed)

06 24 45 Alignment devices for lower limb prosthetic systems

06 24 48 Temporary prostheses for early mobilization of lower limb amputees

**06 27**      **Cosmetic and nonfunctional lower limb prostheses**  
including thigh and calf fillers

**06 30**      **Prostheses other than limb prostheses**

06 30 03      Wigs

06 30 06      Hairpieces and toupees

06 30 09      Eyelashes and eyebrows

06 30 12      Moustaches and beards

06 30 15      Back fillers

06 30 18      Breast (mammary) prostheses

06 30 21      Eye (ocular) prostheses

06 30 24      Ear (aural) prostheses

06 30 27      Nose (nasal) prostheses

06 30 30      Composite facial prostheses  
including prostheses comprising e.g. eye and/or ear and/or nose prostheses

06 30 33      Palate prostheses

06 30 36      Dentures

06 30 39      Skin-covering agents (cosmetics)

06 30 89      Other cosmetic prostheses

**06 33**      **Orthopaedic footwear**

Foot orthoses, see 06 12 03

Nonorthopaedic shoes and boots, see 09 03 42

06 33 03      Ready-made (off-the-shelf) orthopaedic footwear  
including e.g. deep-lasted, soft-interface and long-entry ready-made footwear

06 33 06      Custom-made (bespoke) orthopaedic footwear  
including soft-interface custom-made footwear

06 33 09      Adapted standard footwear

- 09 Aids for personal care and protection** (see also annex A)  
including aids for incontinent and ostomy patients, aids for dressing and undressing, clothes, shoes, body thermometers, timepieces and personal scales  
Aids for eating and drinking, see 15 09
- 09 03 Clothes and shoes**  
including clothes and shoes for babies and children  
also including patterns for sewing and knitting  
Body-worn protective aids, see 09 06
- 09 03 03 Coveralls  
including weatherproof protective covers for rain, cold and wind protection used when seated e.g. in a wheelchair, a pram or a sledge
- 09 03 06 Coats  
including jackets for outdoor use
- 09 03 09 Hats and caps
- 09 03 12 Gloves and mittens  
Aids for hand protection, see 09 06 15
- 09 03 15 Blouses and shirts
- 09 03 18 Jackets and trousers
- 09 03 21 Skirts and dresses
- 09 03 24 Underwear
- 09 03 27 Stockings and socks  
Anti-oedema stockings for arms and legs, see 03 06 06  
Compression units, see 03 06 12
- 09 03 30 Nightwear
- 09 03 33 Bathing wear
- 09 03 36 Protective bathing pants
- 09 03 39 Bibs and aprons
- 09 03 42 Shoes and boots  
Orthopaedic footwear, see 06 33  
Aids for foot, heel and toe protection, see 09 06 21
- 09 03 45 Anti-slip devices for shoes and boots  
Accessories for walking aids, including walking-stick holders, rubber tips and ice grippers, see 12 07

09 03 48 Buttoning devices and fasteners  
including Velcro strips, zippers, elastic shoelaces and other products that can facilitate buttoning and holders for aprons and other corresponding products  
Aids for dressing and undressing, see 09 09

**09 06 Body-worn protective aids**

Aids for environmental improvement, see 27 03

09 06 03 Aids for head protection

09 06 06 Aids for eye and aids for face protection  
including moist chambers or watchglass dressings  
Protective eyeglasses for light therapy, see 03 09 09

09 06 09 Aids for ear protection and aids for hearing protection

09 06 12 Aids for elbow or arm protection

09 06 15 Aids for hand protection  
Gloves and mittens, see 09 03 12

09 06 18 Aids for knee or leg protection  
including stockings for amputated legs (stump socks)

09 06 21 Aids for heel or toe or foot protection  
Shoes and boots, see 09 03 42

09 06 24 Aids for trunk or whole body protection  
including belts, harnesses and vests  
Car seatbelts and harnesses, see 12 12 09

09 06 27 Aids for airway protection

**09 09 Aids for dressing and undressing**

Buttoning devices and fasteners, see 09 03 48  
Marking materials, see 24 04

09 09 03 Aids for applying socks and pantyhose

09 09 06 Shoehorns and bootjacks

09 09 09 Clothes holders

09 09 12 Dressing and undressing hooks or sticks

- 09 09 15 Zip pullers
- 09 09 18 Button hooks
- 09 12 Aids for toileting**
- Urine chutes, see 09 24 12
- Urine bottles, see 09 27 09
- Bidets, see 09 33 18
- Lifting aids, see 12 36
- Support devices, see 18 18
- 09 12 03 Commode chairs (with or without castors)  
including commode chairs also used for showering
- 09 12 06 Toilets  
including raised toilets and those with built-in douche  
and/or air dryer  
Douches and air dryers for attachment to a toilet, see 09 12 36
- 09 12 09 Toilet seats  
Raised toilet seats and self-lifting toilet seats, see 09 12 12 up to and including 09 12 21  
Body support units for hoists, see 12 36 21
- 09 12 12 Raised toilet seats (separate)  
Raised toilet seats standing on floor. The seat can easily be removed from the WC pan.
- 09 12 15 Raised toilet seats (loose attachments)  
Raised toilet seats which are placed directly on the WC pan. The raised toilet seat can easily be removed from the WC pan.
- 09 12 18 Raised toilet seats (fixed attachments)  
Pedestals and raised toilet seats fixed to the WC pan by screws or brackets
- 09 12 21 Self-raising toilet seats  
including devices that raise and lower the toilet seat to assist getting on and off the toilet
- 09 12 24 Toilet armrests and/or toilet backrests mounted on the toilet  
including bodyrests mounted on the toilet  
Toilet seats, see 09 12 09  
Supporting armrests, see 18 18 09
- 09 12 27 Toilet paper tongs
- 09 12 30 Toilet roll holders  
including toilet paper dispensers
- 09 12 33 Bedpans

09 12 36 Douches and air dryers for attachment to a toilet  
Toilets, see 09 12 06  
Bidets, see 09 33 18

09 12 39 Wall-mounted urinals  
Urine collectors, see 09 27

**09 15 Tracheostomy aids**  
Aids for respiratory therapy, see 03 03  
Snorkels, see 09 33 42

09 15 03 Cannulas

09 15 06 Stoma protectors

**09 18 Ostomy aids**  
Skin-protective agents, see 09 21 18

09 18 04 One-piece closed-ended bags

09 18 05 Multiple-piece system closed-ended bags

09 18 07 One-piece urostomy bags

09 18 08 Multiple-piece system urostomy bags

09 18 09 Pressure bandages for ostomy aids

09 18 13 Press plates and belts

09 18 14 Adhesive plates, skin barriers

09 18 15 Bag closures

09 18 18 Odour absorbents and deodorizers

09 18 21 Pocket supports for ostomy bags

09 18 24 Irrigation sets

09 18 30 Stoma shields

09 18 33 Stoma drainage catheters

09 18 36 Flushing syringes

09 18 39 One-piece open-ended bags

- 09 18 42 Multiple-piece open-ended bags
- 09 21 Products for skin protection and skin cleaning**  
Skin-covering agents (cosmetics), see 06 30 39  
Body-worn protective aids, see 09 06  
Aids for washing oneself, bathing and showering, see 09 33
- 09 21 03 Adhesive solvents
- 09 21 06 Skin detergents
- 09 21 09 Disinfectants
- 09 21 12 Dressing materials
- 09 21 15 Sealing materials
- 09 21 18 Skin-protective agents
- 09 24 Urine diverters**  
Protective bathing pants, see 09 03 36  
Dressing materials, see 09 21 12  
Sealing materials, see 09 21 15
- 09 24 03 Balloon catheters
- 09 24 06 Drainage catheters
- 09 24 09 Urine condoms and devices with a similar function
- 09 24 12 Urine chutes
- 09 24 15 Urinals for women
- 09 27 Urine collectors**  
including connecting units (tubes, connectors, valves)
- 09 27 04 Closed-ended urine collection bags, body-worn
- 09 27 05 Open-ended urine collection bags, body-worn
- 09 27 07 Closed-ended urine collection bags, non-body-worn
- 09 27 08 Open-ended urine collection bags, non-body-worn
- 09 27 09 Urine bottles  
including devices with a similar function for women  
Bedpans, see 09 12 33

- 09 27 13 Suspenders and fastening devices for urine collectors
- 09 27 18 Urine collection systems  
comprising tubes, connecting units and collector  
including also separate components
- 09 30 Urine absorbing aids**  
Protective bathing pants, see 09 03 36  
Bedding, see 18 12 15
- 09 30 04 Urine absorbing aids intended to be body-worn  
including diapers, women's pads (sanitary towels) and penis diapers  
Bedding, see 18 12 15
- 09 30 09 Suspenders and fasteners for urine absorbing aids  
including snibs, pants, belts
- 09 33 Aids for washing, bathing and showering**  
including bath thermometers  
Hoists for transfer of persons, see 12 36  
Support devices, see 18 18  
Plumbing fittings and taps, see 18 24 03  
Grip adapters and attachments, see 24 18 06
- 09 33 03 Bath/shower chairs (with and without wheels), stools, backrests and seats  
Commode chairs which can be used for toilet and showering, see 09 12 03
- 09 33 06 Non-slip bath mats, shower mats and tapes, etc.  
Non-slip materials for floors and stairs, see 18 33 03
- 09 33 09 Showers and shower units  
including fixtures for adjusting the position of the shower head
- 09 33 12 (Bathing) stretchers, shower tables and diaper-changing tables  
Stretchers for mobile and stationary hoists for transfer of persons, see 12 36 21
- 09 33 15 Wash basins
- 09 33 18 Bidets  
Warm-water douches and/or warm-air dryers which are built into a toilet, see 09 12 06  
Warm-water douches and/or warm-air dryers for toilets (separate), see 09 12 36
- 09 33 21 Bathtubs  
including portable and folding bathtubs

- 09 33 24 Bathtub shelves
- 09 33 27 Aids for reducing the length or depth of a bath
- 09 33 30 Washcloths, sponges and brushes with holder, handle or grip
- 09 33 33 Soap dishes, soap holders and soap dispensers
- 09 33 36 Aids for drying oneself  
Warm-air dryers which are built into a toilet, see 09 12 06  
Warm-air dryers for toilets (separate), see 09 12 36  
Hair dryers, see 09 39 09
- 09 33 39 Floating aids  
including swimming floats, bathing neck collars, inflatable bathing caps
- 09 33 42 Snorkels
- 09 33 45 Bath thermometers
- 09 36 Aids for manicure and pedicure**
- 09 36 03 Nail brushes  
Aids to assist and/or replace hand and/or finger function, see 24 18
- 09 36 06 Nail files and emery boards  
Aids to assist and/or replace hand and/or finger function, see 24 18
- 09 36 09 Nail scissors and nail clippers
- 09 39 Aids for hair care**
- 09 39 03 Shampooing aids
- 09 39 06 Combs and hairbrushes  
Aids to assist and/or replace hand and/or finger function, see 24 18
- 09 39 09 Hair dryers
- 09 42 Aids for dental care**  
Tube-squeezing keys, see 24 06 06
- 09 42 03 Nonelectric toothbrushes  
Aids to assist and/or replace hand and/or finger function, see 24 18
- 09 42 06 Electric toothbrushes

**09 45 Aids for facial care/skin care**

Products for skin protection and skin cleaning, see 09 21

09 45 03 Shaving brushes, razors and (electric) shavers  
Aids to assist and/or replace hand and/or finger function, see 24 18

09 45 06 Aids for the application of make-up

09 45 09 Mirrors

**09 48 Aids for measuring human physical and physiological properties**

09 48 03 Body thermometers

09 48 06 Personal scales

09 48 09 Aids for measuring skin conduction  
Biofeedback devices for movement, strength and balance training, see 03 48 24

**09 51 Timepieces**

including timepieces with and without alarm

09 51 03 Wristwatches

09 51 06 Pocket watches

09 51 09 Table clocks and wall clocks

**12 Aids for personal mobility**

Orthoses and prostheses, see class 06

Aids for the carriage of goods, see 24 36, 24 39, 24 42 and 24 45

**12 03 Walking aids manipulated by one arm**

Walking aids used singly or in pairs, each manipulated by one arm, possibly in combination with the upper body

Accessories to walking aids, see 12 07

12 03 03 Walking sticks  
including white walking sticks  
Sticks with one leg and a handle without forearm support  
Tactile sticks, see 12 39 03  
White canes, see 12 39 03

12 03 06 Elbow crutches  
Crutches with one leg, a handle and forearm support

- 12 03 09 Forearm-support crutches  
Crutches with a specially designed handle and forearm support
- 12 03 12 Axillary crutches
- 12 03 16 Walking sticks with three or more legs, a handle and/or forearm support
- 12 06 Walking aids manipulated by both arms**  
Walking aids used singly, manipulated by both arms, possibly in combination with the upper body  
Accessories to walking aids, see 12 07  
Trolleys, see 24 36 12
- 12 06 03 Walking frames  
Walking aids without wheels and without support devices other than handles
- 12 06 06 Rollators, pushed forward by the hands  
including walking frames with wheels and equipment with a seat for resting
- 12 06 09 Walking chairs  
Walking aids with wheels and a seat which is used while moving about, including walking bicycles
- 12 06 12 Walking tables  
Walking aids with wheels and forearm support, pushed by upper arms, possibly in combination with the upper body
- 12 07 Accessories for walking aids**  
including walking-stick holders, rubber tips and ice grippers
- 12 09 Special cars**
- 12 09 03 Kneeling cars (with height-adjustable chassis)
- 12 09 06 Low-speed cars
- 12 12 Car adaptations**  
Portable ramps, see 18 30 15  
Mobile telephones and car telephones, see 21 36 06  
Two-way radios, see 21 39 30  
Trucks, see 24 39 03  
Campers, see 30 27
- 12 12 04 Car adaptations to operate the engine  
including adaptations for the accelerator, brake, clutch and gears
- 12 12 05 Car adaptations to operate the parking brake
- 12 12 07 Car adaptations to operate the steering system  
including steering-wheel knobs, servosystems for steering, extensions of the steering column

- 12 12 08 Car adaptations to operate secondary functions  
including adjustable mirrors, central locks, windshield wipers, indicators, lights
- 12 12 09 Car seatbelts and harnesses  
including three- and four-point seatbelts and belt vests
- 12 12 12 Car seats and cushions, specially designed  
including child safety seats, seat cushions and sliding seats
- 12 12 15 Car hoists for persons (excluding wheelchairs)
- 12 12 18 Car hoists to lift both a person and a person seated in a wheelchair into a car  
Kneeling cars, see 12 09 03
- 12 12 21 Aids for loading wheelchairs onto or into a car
- 12 12 24 Equipment for fastening a wheelchair in a car
- 12 12 27 Car bodywork adaptations  
including raised roofs, enlarged windows
- 12 15 Mopeds**
- 12 15 03 Two-wheeled mopeds
- 12 15 06 Three-wheeled mopeds
- 12 15 09 Four-wheeled mopeds
- 12 18 Cycles**  
Carrier cycles and cycle trailers, see 24 36 15
- 12 18 03 Bicycles
- 12 18 06 Foot-propelled tricycles
- 12 18 09 Hand-propelled tricycles
- 12 18 12 Nonpowered scooters, propelled by pushing with a foot
- 12 18 15 Tandems and four-wheeled cycles  
including cycles intended for two persons
- 12 18 21 Cycle adaptations  
including trainer wheels, special saddles, toe clips,  
pedals

**12 21 Wheelchairs**

Wheelchairs controlled by the occupant unless otherwise stated  
Shower, bath and commode chairs, see 09 12 03 and/or 09 33 03

- 12 21 03 Manual attendant-controlled wheelchairs  
Powered attendant-controlled wheelchairs, see 12 21 21  
Push-chairs, see 12 27 03
- 12 21 06 Bimanual rear-wheel-driven wheelchairs
- 12 21 09 Bimanual front-wheel-driven wheelchairs
- 12 21 12 Bimanual lever-driven wheelchairs
- 12 21 15 Single side driven nonpowered wheelchairs  
Wheelchairs driven by one arm or one arm and one leg
- 12 21 18 Foot-driven wheelchairs  
Walking chairs, see 12 06 09  
Sitting furniture, see 18 09
- 12 21 21 Powered attendant-controlled wheelchairs  
Manual attendant-controlled wheelchairs, see 12 21 03
- 12 21 24 Electric-motor-driven wheelchairs with manual steering
- 12 21 27 Electric-motor-driven wheelchairs with powered steering
- 12 21 30 Combustion-motor-driven wheelchairs
- 12 21 33 Wheelchair systems  
Systems based on one frame which can be used to assemble two or more different types of wheelchair (cited in this classification) by changing position of wheels and seats or putting on different wheels and seats (accessories such as one-arm units are excluded)
- 12 24 Wheelchair accessories**  
Only those accessories which are not part of the standard range of accessories designed for use with a particular wheelchair producer's range of products (the latter are included on the level of the particular wheelchair)  
Stairclimbers, see 18 30 12
- 12 24 03 Steering and control systems
- 12 24 06 Seats and/or backrests

- 12 24 09 Propulsion units  
These units may include steering, control or brake systems
- 12 24 12 Lights
- 12 24 15 Lap trays
- 12 24 18 Brakes
- 12 24 21 Tyres and wheels
- 12 24 24 Batteries and battery chargers
- 12 24 27 Brushes for cleaning wheelchair wheels
- 12 24 30 Occupant restraint systems  
Equipment for fastening a wheelchair in a car, see 12 12 24
- 12 27 Vehicles**  
Special cars, see 12 09  
Mopeds, see 12 15  
Cycles, see 12 18  
Wheelchairs, see 12 21
- 12 27 03 Pushchairs  
Pulled or pushed by attendant  
Manual attendant-controlled wheelchairs, see 12 21 03
- 12 27 06 Prams
- 12 27 09 Sleds/sledges
- 12 27 12 Kick-sleds
- 12 27 15 Crawlers and mobility boards  
including boards for movement in a lying or crawling position by pushing hands or feet against the floor
- 12 27 18 Wheeled stretchers, pedal cars and playing carts
- 12 27 21 Motorized vehicles (operated by the user)  
including go-karts and snow-scooters  
Low-speed cars, see 12 09 06
- 12 30 Transfer aids**  
Support devices (grab bars etc.), see 18 18  
Portable and fixed ramps, see 18 30 15 and 18 30 18
- 12 30 03 Sliding boards and sliding mats

- 12 30 06 Turntables
- 12 30 09 Free-standing rails for self-lifting  
Bed-rails and rails for self-lifting to be fixed to a bed, see 18 12 27
- 12 30 12 Rope ladders
- 12 30 15 Lifting belts and harnesses
- 12 33 Turning aids**
- 12 33 03 Lifting and turning cushions
- 12 33 06 Turning sheets and turning carpets
- 12 36 Lifting aids** (see annex A)  
Car hoists for persons, see 12 12 15 and 12 12 18  
Aids for loading wheelchairs onto or into a car, see 12 12 21  
Lifts, see 18 30 03  
Lifting platforms, see 18 30 06  
Stairlifts, see 18 30 09
- 12 36 03 Mobile hoists with sling seats  
Equipment for transferring by lifting and freely moving a disabled person in a sitting, semisitting and lying position. The body-support unit consists of slings
- 12 36 06 Mobile hoists with solid seats  
Equipment for transferring by lifting and freely moving a disabled person in a sitting position. The body-support unit consists of a solid seat, a spade seat or equivalent
- 12 36 09 Hoist trolleys  
Equipment for transferring by lifting and freely moving a disabled person in a lying position. The body-support unit is vertically adjustable but not horizontally revolving
- 12 36 12 Stationary hoists fixed to the wall/walls, floor and/or ceiling  
Equipment for transferring by lifting and moving a disabled person in an area limited by the system
- 12 36 15 Stationary hoists fixed to, mounted in or on another product  
Equipment for transferring by lifting a disabled person in an area limited by the system e.g. bath hoists  
Self-lifting toilet seats, see 09 12 21  
Car hoists for persons, see 12 12 15 and 12 12 18  
Bed lifts, see 18 12 12
- 12 36 18 Stationary free-standing hoists  
Equipment for transferring by lifting and moving a disabled person in an area limited by the system.  
The hoist is free-standing on the floor

12 36 21 Body-support units for hoists  
including slings, seats, stretchers and toilet seats for mobile and stationary hoists for transfer of persons  
Aids for toileting, see 09 12

12 36 24 Carrying chairs, harnesses and baskets

### 12 39 Orientation aids

12 39 03 Tactile (white) sticks or white canes  
Walking sticks, see 12 03 03

12 39 06 Electronic orientation aids

12 39 09 Acoustic navigation aids (sound beacons)

12 39 12 Compasses

12 39 15 Relief maps

12 39 18 Tactile orientation materials  
including structured surfaces

## 15 Aids for housekeeping

including aids for eating and drinking

### 15 03 Aids for preparing food and drink

including refrigerators and freezers

Aids for signalling and indicating, see 21 48

Marking materials and marking tools, see 24 04

Aids for handling containers, see 24 06

Grip adapters, see 24 18 06

Nonslip pads, see 24 27 06

15 03 03 Aids for weighing and measuring  
including kitchen scales, diet scales, volume measures and volume-measuring sets, cooking and meat thermometers, butter dividers, timers and liquid-level indicators  
Measuring instruments, see 27 06

15 03 06 Aids for cutting, chopping and dividing  
including slicing machines, knives, cutting boards, cheese slicers, egg dividers, egg slicers, onion holders and graters  
Machines for food preparation, see 15 03 15

15 03 09 Aids for cleaning and peeling  
including potato brushes, potato peelers (manual and electric), potato holders and coring knives  
Machines for food preparation, see 15 03 15

- 15 03 12 Aids for baking  
including rolling pins, baking tins and baking dishes  
Machines for food preparation, see 15 03 15
- 15 03 15 Machines for food preparation  
including food mixers, food processors, and manual and electric egg-beaters
- 15 03 18 Aids for cooking and frying  
including cooking dishes, frying pans, egg boilers, coffee and tea makers, saucepan holders/handles,  
strainers, frying-pan covers, vegetable baskets, egg rings and frying tongs, pans, kitchen utensils
- 15 03 21 Cooking units  
including cookers, ovens, electric hotplates  
Aids for serving and presenting food and drink, including heated serving dishes and vacuum flasks,  
see 15 09 03
- 15 03 24 Refrigerators and freezers
- 15 06 Aids for dishwashing**
- 15 06 03 Sinks
- 15 06 06 Dishwashing brushes and flask brushes
- 15 06 09 Dish drainers
- 15 06 12 Outlet filters and overflow pipes
- 15 06 15 Dishcloth wringers
- 15 06 18 Dishwashers
- 15 09 Aids for eating and drinking**  
Weighted cuffs, see 03 48 18  
Aids for handling containers, see 24 06  
Grip adapters, see 24 18 06  
Nonslip pads, see 24 27 06
- 15 09 03 Aids for serving food and drink  
including heated serving dishes and vacuum flasks  
Aids for carrying by bodily action and on wheels, see 24 36
- 15 09 06 Sugar dispensers
- 15 09 09 Stoppers and funnels

- 15 09 12 Cutlery  
Grip adapters and attachments, see 24 18 06
- 15 09 15 Mugs and glasses, cups and saucers, and straws  
Grip adapters and attachments, see 24 18 06
- 15 09 18 Plates  
including sandwich boards, warm-water plates
- 15 09 21 Pusher edges and plate buffers
- 15 09 24 Egg cups
- 15 09 27 Feeding apparatus  
Upper limb orthoses (non-body-worn), see 06 09
- 15 09 30 Feeding probes
- 15 12 Aids for housecleaning**
- 15 12 03 Dustpans, dust brushes and sets
- 15 12 06 Brushes, sponges, chamois leathers, dusters and floorcloths  
including specially designed articles  
Washcloths, sponges and brushes with holder, handle or grip, see 09 33 30
- 15 12 09 Vacuum cleaners  
including dust-busters
- 15 12 12 Carpet sweepers (for dry use)
- 15 12 15 Floor mops (with or without broomstick) and floor-mop apparatus (for wet use)
- 15 12 18 Mop-pail stands on castors
- 15 12 21 Pails with castors and wringer
- 15 12 24 Floor polishers
- 15 12 27 Aids for refuse/waste disposal
- 15 15 Aids for making and maintaining textiles**
- Patterns for sewing and knitting, see 09 03  
Magnifying glasses, see 21 03 12 and 21 03 15  
Measuring instruments, see 27 06
- 15 15 03 Sewing machines

- 15 15 06 Sewing hoops, pin cushions and darning aids including embroidering rings
- 15 15 09 Knitting machines
- 15 15 12 Knitting, crocheting, sewing and darning needles
- 15 15 15 Needle threaders
- 15 15 18 Thimbles
- 15 15 21 Scissors
- 15 15 24 Ironing machines and irons
- 15 15 27 Ironing boards and tables
- 15 15 30 Laundry baskets on castors
- 15 15 33 Washing machines
- 15 15 36 Wringers for laundry  
Dishcloth wringers, see 15 06 15  
Pails with castors and wringer, see 15 12 21
- 15 15 39 Clothes pegs
- 15 15 42 Tumble-dryers, drying cupboards and spin-dryers
- 15 15 45 Airers, drying frames and clotheslines
- 15 15 48 Shoe-cleaning devices  
Brushes for cleaning wheelchair wheels, see 12 24 27

## **18 Furnishings and adaptations to homes and other premises**

including furniture (with or without castors) for rest and/or work and accessories (attachments) for furniture and aids and fixtures for adaptation of residential, vocational and educational premises

Sets of castors, see 24 36 06

Aids for environmental improvement, see 27 03

### **18 03 Tables**

including adjustable tables

Tilting tables, see 03 48 21

Ironing boards and tables, see 15 15 27

Writing, drafting and drawing boards, see 21 24 06

Book supports and bookholders, see 21 27 06

Workbenches, see 27 09 03

- 18 03 03 Work tables  
including typewriting tables, computer terminal tables (fixed, nonfixed), rotating desks
- 18 03 06 Reading tables, desks and stands
- 18 03 09 Drafting and drawing tables
- 18 03 12 Dining tables
- 18 03 15 Bed tables
- 18 06 Light fixtures**  
Magnifying glasses with built-in lighting, see 21 03 12
- 18 06 03 General lights
- 18 06 06 Reading and working lights
- 18 06 09 Podium and blackboard lights
- 18 09 Sitting furniture**  
including adjustable sitting furniture  
Belts, harnesses and vests, see 09 06 24  
Car seatbelts and harnesses, see 12 12 09  
Sets of castors, see 24 36 06
- 18 09 03 Chairs  
including work chairs and office chairs
- 18 09 06 Stools and standing chairs  
including work stools
- 18 09 09 Coxit chairs  
including arthrodesis chairs
- 18 09 12 Chairs and seats with a special mechanism to assist standing up or sitting down  
including spring-assisted chairs and seats
- 18 09 15 Lounge chairs and easy chairs
- 18 09 18 High chairs for children
- 18 09 21 Special sitting furniture  
Car seats and cushions, specially designed, see 12 12 12

- 18 09 24 Chairlifts and chair transporters  
Aids for transporting a chair without wheels, while a person is sitting in it
- 18 09 27 Leg-rests, footstools and foot-rests  
including stump-rests
- 18 09 30 Seats, seat cushions and abduction blocks  
including individual shaped seats  
Antidecubitus seat cushions, see 03 33 03  
Antidecubitus coverings, see 03 33 06
- 18 09 33 Backrests, back cushions and back pads
- 18 09 36 Armrests for chairs
- 18 09 39 Modular seating systems  
Systems based on a single chair frame to which may be attached selected seat modules, the position of which may then be adjusted to achieve a particular seat configuration  
including chairs assembled from separate elements
- 18 12 Beds**  
including fixed-height and height-adjustable beds, beds with adjustable and non-adjustable body position and detachable bed boards  
Antidecubitus beds, see 03 33 12  
Transfer aids, see 12 30  
Turning aids, see 12 33  
Lifting aids, see 12 36
- 18 12 04 Beds and detachable bed boards, nonadjustable
- 18 12 07 Beds and detachable bed boards with manual adjustment
- 18 12 10 Beds and detachable bed boards with powered adjustment
- 18 12 12 Bed lifts  
Height-adjustable undercarriages for beds  
Aids for height adjustment of furniture, see 18 15
- 18 12 15 Bedding  
including e.g. cushions, hygienic underpads, urine/liquid-absorbing underpads and fixing devices for blankets  
Antidecubitus aids, see 03 33  
Mattresses, see 18 12 18
- 18 12 18 Mattresses  
Antidecubitus mattresses, see 03 33 06
- 18 12 21 Blanket supports

- 18 12 24 Separate adjustable backrests and leg-supports
- 18 12 27 Bedrails and rails for self-lifting to be fixed to a bed  
Free-standing rails for self-lifting, see 12 30 09
- 18 12 30 Bed-shortening aids
- 18 12 33 Bed extensions
- 18 15 Aids for height adjustment of furniture**
- 18 15 03 Leg extenders
- 18 15 06 Height-adjustable plinths and brackets
- 18 15 09 Pedestals and fixed-height plinths and brackets  
Shelves, see 18 36 03
- 18 18 Support devices**
- Wallbars and still rings, see 03 48 15
- 18 18 03 Handrails and support rails
- 18 18 06 Grab-rails and hand grips
- 18 18 09 Supporting armrests  
Armrests mounted on the toilet, see 09 12 24  
Armrests for chairs, see 18 09 36
- 18 21 Door, window and curtain openers/closers**
- Door signals, see 21 48 03  
Remote control systems, see 24 12 03  
Adapters for window, door, patent lock and key latches, see 24 18 06
- 18 21 03 Door openers and closers
- 18 21 06 Window openers and closers
- 18 21 09 Curtain openers and closers
- 18 21 12 Openers and closers for sunblinds
- 18 21 15 Locks  
including electric locks  
Entry-phones, see 21 39 18

**18 24 Construction elements in the home**

Grip adapters, see 24 18 06

Water purifiers and water softeners, see 27 03 18

**18 24 03 Plumbing fittings and taps**

including water and gas supply, e.g. single lever taps, thermostatic mixing valves, flexible tubing, syphons, electronic mixing valves

**18 24 06 Windows**

Window openers and closers, see 18 21 06

Remote control systems, see 24 12 03

Aids for illumination control, see 27 03 15

**18 24 09 Doors**

including sliding doors, up-and-over doors, folding doors and swing doors

Door openers and closers, see 18 21 03

**18 24 12 Thresholds**

including rubber seals that can be used e.g. around a shower booth

**18 24 15 Floor coverings**

Nonslip materials for floors and stairs, see 18 33 03

**18 24 18 Stairs**

Ladders and stepladders, see 18 27

**18 27 Ladders and stepladders****18 30 Vertical conveyors**

Car hoists, see 12 12 15, 12 12 18 and 12 12 21

Hoists for transfer of persons, see 12 36

**18 30 03 Lifts (vertical passenger elevators)****18 30 06 Lifting platforms and wheelchair-lifting tables****18 30 09 Stairlifts**

including stairlifts with seat, stairlifts for standing and stairlifts for wheelchairs

**18 30 12 Stairclimbers****18 30 15 Portable ramps****18 30 18 Fixed ramps****18 33 Safety equipment for the home and other premises**

Alarm systems, see 21 51

18 33 03 Nonslip materials for floors and stairs  
including nonslip mats and non-lip tiles  
Nonslip bath mats, shower mats, see 09 33 06

18 33 06 Safety barriers, fences and gates for windows, staircases and lifts

18 33 09 Safety valves for gas supplies

18 33 12 Rescue equipment

### **18 36 Furniture for storage**

Furniture for storing tools and workpieces, see 27 09 06

18 36 03 Shelves

18 36 06 Cupboards

18 36 09 Bedside cabinets  
including combinations of bed table and bedside cabinet

18 36 12 Medicine cabinets

18 36 15 Fittings for shelves, cupboards and cabinets

## **21 Aids for communication, information and signalling**

including aids for reading, writing, telephoning and security alarms

### **21 03 Optical aids**

Spectacle hearing-aids, see 21 45 09

21 03 03 Spectacle lenses

21 03 06 Spectacle frames

21 03 09 Contact lenses

21 03 12 Magnifying glasses with built-in lighting

21 03 15 Magnifying glasses without lighting

21 03 18 Binoculars and telescopes

21 03 21 Spectacle-mounted monocular or binocular telescopes for seeing from long distance to ordinary reading distance

21 03 24 Spectacle-mounted monocular or binocular telescopes for short distances, e.g. for close-up reading

- 21 03 27 Field-of-vision expanders
- 21 03 30 Lenses and lens systems for high magnification
- 21 03 33 Prismatic spectacles (recumbent spectacles)  
Prismatic spectacles without sight correction, which angle the field of vision for a supine person, e.g. for reading or watching TV
- 21 03 36 Light filters (absorption filters)
- 21 03 39 Liquids for spectacles and contact lenses
- 21 06 Opto-electronic aids**
- 21 06 03 Image-enlarging video systems  
Systems for reading text and pictures  
including cameras, control units and monitors for closed-circuit television systems, see 21 33 12
- 21 06 06 Character-reading machines  
Systems for reading and transforming written text (from paper) into other forms for presentation  
Devices for synthetic speech, see 21 09 15
- 21 06 09 Magnifying software  
including letter and picture magnification
- 21 09 Input and output devices and accessories for computers, typewriters and calculators**  
Telephones and aids for telephoning, see 21 36
- 21 09 04 Input modifications  
including one-finger drivers, Braille expanders and both hardware and software products
- 21 09 05 Input accessories  
including Multiports, cables and boards  
Modems, see 21 36 24
- 21 09 06 Keyboards and control systems  
including enlarged and miniaturized keyboards and keyboard emulators  
Operating controls and devices, see 24 09
- 21 09 07 Alternative input devices  
including optical scanners, speech recognition units, touch-sensitive boards, touchscreens and dataglove  
Character-reading machines, see 21 06 06
- 21 09 08 Portable electronic note-taking devices for Braille users  
Devices without display function

- 21 09 09 Printers and plotters  
including large-character and/or relief (e.g. Braille) printers
- 21 09 12 Displays  
including tactile displays (paperless) and displays with built-in hard-copy facilities
- 21 09 15 Devices for synthetic speech  
including hardware and software for text-to-speech, speech-to-speech conversation, artificial speech  
Talking typewriters, see 21 15 09  
Voice generators, see 21 42 12
- 21 09 18 Devices for paper handling
- 21 09 21 Manuscript holders
- 21 09 24 Forearm supports applied to a typewriter or computer  
Upper limb orthoses (non-body-worn), see 06 09
- 21 09 30 External memory units  
including nonintegrated diskette stations and CD-ROM players for computer use
- 21 12 Computers**  
Input and output devices and accessories for computers, typewriters and calculators, see 21 09  
Dedicated word processors, see 21 15 09
- 21 12 03 Desktop computers  
Computers not suitable for transport because of size and/or weight
- 21 12 06 Lap-top computers
- 21 12 09 Palm-top and pocket computers
- 21 15 Typewriters and word processors**  
Work tables, see 18 03 03  
Input and output devices and accessories for computers, typewriters and calculators, see 21 09
- 21 15 03 Manual typewriters
- 21 15 06 Electric typewriters without memory
- 21 15 09 Typewriters with word-processing function  
including typewriters with memory and talking typewriters
- 21 15 12 Manual Braille writers
- 21 15 15 Electric Braille writers  
including Braille writers with built-in options for text storage

- 21 15 18 Software for word processing  
including desktop-publishing software, word-processing software made for alternative control and accessories for word processors  
Word banks and word lists, see 21 15 21
- 21 15 21 Stand-alone computerized word banks and word lists
- 21 18 Calculators**  
Input and output devices and accessories for computers, typewriters and calculators, see 21 09
- 21 18 03 Abacuses
- 21 18 06 Electronic calculators  
including small (pocket-size) calculators
- 21 18 09 Nonelectric calculators
- 21 18 12 Software for calculation  
including spreadsheets
- 21 24 Aids for drawing and handwriting**  
Weighted cuffs, see 03 48 18  
Relief maps, see 12 39 15
- 21 24 03 Pens, pencils, brushes, drawing compasses, straightedges and rulers  
Grip adapters and attachments, pen and pencil holders, brush holders, see 24 18 06
- 21 24 06 Writing, drafting and drawing boards
- 21 24 09 Signature guides and signature stamps
- 21 24 12 Writing frames
- 21 24 15 Braille writing equipment
- 21 24 18 Special writing paper/plastic
- 21 24 21 Software for drawing and painting  
including CAD software and software for colouring pictures
- 21 24 24 Presentation software  
including software for cartoon-design and animation
- 21 27 Non-optical reading aids**  
Prismatic spectacles and recumbent spectacles,  
see 21 03 33

- 21 27 03 Page turners
- 21 27 06 Book supports and book holders
- 21 27 09 Reading masks and typoscopes
- 21 30 Audio recorders and receivers**  
Headphones, see 21 39 03  
Microphones, see 21 39 09  
Connection units, see 21 39 12  
Vibrators, see 21 45 15
- 21 30 03 Cassette tape recorders  
including recorders/players using compact cassettes
- 21 30 06 Reel-to-reel recorders
- 21 30 09 Miniature tape recorders  
including recorders/players using mini/micro cassettes  
Answering machines, see 21 36 25
- 21 30 12 Index tone generators
- 21 30 15 Demagnetizers
- 21 30 18 Radio receivers  
including sets for receiving radio broadcasts
- 21 30 21 Aids for computer recording of sound  
including DAT-recorders/players, recordable CD and digitizing systems
- 21 33 Television and video equipment**  
Units for connection to radios and television receivers, see 21 39 12
- 21 33 03 Television sets
- 21 33 06 Video recorders  
including video players
- 21 33 09 Decoders for videotext (text television)
- 21 33 12 Closed circuit television systems  
Systems for image transmission  
Image-enlarging video systems, see 21 06 03  
Monitoring systems, see 21 51 15

**21 36 Telephones and aids for telephoning**

Intercoms, see 21 39 15

Entry-phones and entry-phone amplifiers, see 21 39 18

Aids for signalling and indicating, see 21 48

21 36 03 Standard telephones

21 36 06 Mobile telephones and car telephones  
including cordless telephones

21 36 09 Text telephones  
including telephones with text input and/or text output and telephones with Braille input/output

21 36 10 Visual telephones and videophones

21 36 11 Telephones with built-in additional warning signals for incoming calls  
Aids for signalling and indicating, see 21 48

21 36 12 Loudspeaking telephones and telephone attachments  
including attachments to a standard telephone so that the sound emits from a loudspeaker

21 36 13 Telex and telefax machines  
including software for telex and telefax

21 36 15 Dialling, engaged and ring tone indicators

21 36 18 Dialling aids

21 36 21 Receiver amplifiers  
including receivers with built-in amplifiers (with or without inductive couplers) as well as separate amplifiers that can be fitted to the standard receiver  
Amplification is for the microphone and/or the headphone

21 36 24 Connection units for telephoning aids  
including connection boxes, signal transformers, modems and other products for connecting aids to the telephone network

21 36 25 Answering machines

21 36 27 Induction-coil devices  
Devices to be used in conjunction with induction loop systems  
Receiver amplifiers, see 21 36 21

21 36 30 Receiver holders

21 36 33 Telephone switchboards

- 21 36 36 Software for telecommunication  
Software for face-to-face communication, see 21 42 24
- 21 39 Sound transmission systems**  
including the individual parts which together form the sound transmission system  
Telephones and aids for telephoning, see 21 36
- 21 39 03 Headphones  
Vibrator chairs, see 03 42 03  
Tactile hearing aids, see 21 45 15
- 21 39 06 Loudspeakers
- 21 39 09 Microphones
- 21 39 12 Connection units to radios and television receivers, including signal and impedance transformers and other aids for radios and television receivers (amplifiers, volume control and tone controls may be included in the connection unit)
- 21 39 15 Intercoms
- 21 39 18 Entry-phones and entry-phone amplifiers
- 21 39 21 Loop amplifiers, loop receivers and loops  
including audio-frequency and carrier-frequency induction loop systems
- 21 39 24 Radio-frequency transmission systems  
including systems, transmitters and receivers for local one-way communication
- 21 39 27 IR systems  
including transmitters and receivers
- 21 39 30 Two-way radios
- 21 42 Face-to-face communication aids**  
Software for word-processing, see 21 15 18
- 21 42 03 Letter and/or symbol sets  
including software
- 21 42 06 Letter and/or symbol boards  
including software
- 21 42 09 Portable dialogue units  
including digital displays, paper and/or voice output
- 21 42 10 Nonportable devices for face-to-face communication

- 21 42 12 Voice generators  
including voice valves for people with a laryngotomy
- 21 42 15 Voice amplifiers for personal use
- 21 42 18 Communication amplifiers  
Voice amplifiers for group use  
including both stationary and portable amplifiers
- 21 42 21 Ear-trumpets
- 21 42 24 Software for face-to-face communication  
Stand-alone computerized word banks and word lists, see 21 15 21
- 21 45 Hearing-aids**  
including hearing aids with built-in tinnitus masking  
Tinnitus masks, see 03 27 15  
Ear trumpets, see 21 42 21
- 21 45 03 In-the-ear hearing aids  
including in-the-canal hearing aids
- 21 45 06 Behind-the-ear hearing aids  
including headband hearing aids
- 21 45 09 Spectacle hearing aids
- 21 45 12 Body-worn hearing aids
- 21 45 15 Tactile hearing aids  
including hearing aids transforming sound to vibrations, e.g. to support lip reading
- 21 45 18 Hearing aids with implant
- 21 48 Aids for signalling and indicating**  
Timepieces, see 09 51  
Alarm systems, see 21 51
- 21 48 03 Door signals and door signal indicators
- 21 48 06 Door warners  
including acoustic alarm signals for warning the blind of an open door
- 21 48 09 Rain indicators
- 21 48 12 Light indicators  
Indicators to indicate light

21 48 15 Sound indicators (electronic babysitters)  
Indicators to indicate sound

21 48 18 Indicators  
Indicating devices applied to a product  
including signal lights and buzzers

21 48 21 Computer-signal indicators  
including status-information indicators

21 48 24 Electronic calendar and memory systems  
including portable computerized organizers

### **21 51 Alarm systems**

Closed-circuit television systems, see 21 33 12

21 51 03 Personal emergency alarm systems

21 51 06 Seizure alarms for epileptics  
Alarms activated automatically in case of grand mal

21 51 09 Aids for emergency detection  
including fire alarms and smoke detectors

21 51 12 Insulin alarms

21 51 15 Monitoring systems

### **21 54 Books and reading materials**

21 54 03 Talking books and materials

21 54 06 Books and materials in big letters

21 54 09 Braille books and materials

21 54 12 Electronic books and multimedia materials  
The stored information can either be text, picture and/or sound

21 54 15 Reference material

## **24 Aids for handling products and goods**

### **24 04 Marking materials and marking tools**

Aids for signalling and indicating, see 21 48

**Aids for operating** (24 06 - 24 15)

**24 06 Aids for handling containers**

24 06 03 Aids for opening bottles, cans, containers including support plates

24 06 06 Tube-squeezing keys

**24 09 Operating controls and devices**

Mouses, trackballs and mouse emulators, see 21 09

Joysticks for both wheelchairs and communication aids, see 24 09 18

24 09 03 Push-buttons  
(one-function switches)  
Two/multi-function switches, see 24 09 18

24 09 06 Fixed handles and knobs

24 09 09 Rotating handles and knobs

24 09 12 Pedals (not electrical)

24 09 15 Handwheels and crank handles

24 09 18 Switches (on/off function)  
including selectors and joysticks

24 09 24 Switchboards  
Telephone switchboards, see 21 36 33

24 09 27 Slide potentiometers

**24 12 Environmental control systems**

24 12 03 Remote control systems  
including matrix scanners, and light-, speech- and sound-operated systems, including both wired and wireless systems

24 12 06 Software for environmental control

**24 15 Timer switches**

24 15 03 Timer switches for over 48 V

24 15 06 Timer switches for lower voltage up to and including 48 V

**Aids for manipulation** (24 18 - 24 30)**24 18 Aids to assist and/or replace arm and/or hand and/or finger function**

Upper limb orthotic systems (body-worn), see 06 06

Upper limb orthoses (non-body-worn), see 06 09

24 18 03 Aids for grasping

24 18 06 Grip adapters and attachments (aids applied to the product)  
including e.g. pen, pencil or brush holders

24 18 09 Holders (body-worn)

24 18 12 Stands

24 18 15 Operating sticks  
including head, chin and mouth sticks

24 18 18 Pointing lamps

**24 21 Aids for extended reach**

24 21 03 Manual gripping tongs

24 21 06 Electric gripping tongs

24 21 09 Extenders without gripping function

**24 24 Aids for positioning**

Aids to position workpieces close to the person to enable easy reach, e.g. supply trays on a tilting stand, rotating tables with compartments including switch and device-mounting systems

24 24 03 Fixed position systems

24 24 06 Rotating and sliding systems

24 24 09 Lifting and tilting systems

**24 27 Aids for fixation**

24 27 03 Suction cups

24 27 06 Nonslip pads

24 27 09 Screw clamps

24 27 12 Clips and spring clips

- 24 27 15 Vices
- 24 27 18 Magnets, magnetic strips and clamps
- 24 27 21 Fixtures for tools  
including chucks

**24 30 Aids for repositioning and hoisting**

- 24 30 03 Tackles  
Travelling crabs, see 24 45 03
- 24 30 06 Balancers  
Equipment for hoisting and/or balancing objects in vertical direction
- 24 30 09 Manipulators  
Equipment for horizontal and/or vertical repositioning and/or rotating objects
- 24 30 12 Lifting tables  
including mobile lifting tables
- 24 30 15 Lifting and positioning robots  
including remotely controlled manipulators
- 24 30 18 Industrial robots

**Aids for the transport of goods (24 36 - 24 45)**

**24 36 Aids for carrying and transporting**  
(for personal use)

- 24 36 03 Aids for carrying  
including trays, hooks
- 24 36 06 Sets of castors
- 24 36 09 Baggage and shopping trolleys
- 24 36 12 Trolleys  
including tea trolleys and small tables on wheels
- 24 36 15 Carrier cycles and cycle trailers  
including trailers towed behind a wheelchair  
Cycles, see 12 18
- 24 36 18 Car trailers

**24 39 Industrial transportation vehicles**

Sets of castors, see 24 36 06

Car trailers, see 24 36 18

24 39 03 Carts, trucks and lorries

24 39 06 Pallet trucks

24 39 09 Forklift trucks

**24 42 Conveyors**

24 42 03 Conveyor shutes

24 42 06 Roller conveyors

24 42 09 Belt conveyors

24 42 12 Loop and dragline conveyors

**24 45 Cranes**

24 45 03 Travelling crabs

24 45 06 Jib cranes, rotary cranes

24 45 09 Overhead cranes (bridge cranes, portal cranes)

**27 Aids and equipment for environmental improvement, tools and machines**

Furnishings and adaptations to homes and other premises, see 18

**27 03 Aids for environmental improvement**

Nonpersonal aids which protect a person from environmental influences

27 03 03 Aids for climate control (temperature, humidity, ventilation), e.g. humidifiers

27 03 06 Air cleaners

27 03 09 Aids for noise reduction

27 03 12 Aids to reduce vibrations

27 03 15 Aids for illumination control

Light fixtures, see 18 06

Operating controls and devices, see 24 09

27 03 18 Water purifiers and water softeners

Aids for dialysis therapy, see 03 15

**27 06 Measuring instruments**

Body thermometers, see 09 48 03

Personal scales, see 09 48 06

Timepieces, see 09 51

Aids for weighing and measuring food and drink, see 15 03 03

27 06 03 Aids and tools for measuring length

27 06 06 Aids and tools for measuring angles  
including water-levels

27 06 09 Aids and tools for measuring volume

27 06 12 Aids and tools for measuring mass (not of person)  
including letter scales

27 06 15 Aids and tools for measuring electrical properties

27 06 18 Aids and tools for measuring pressure  
including barometers

27 06 21 Aids and tools for measuring climatic conditions  
including aids for measuring air temperature (thermometers), air humidity (hygrometers) and air  
movement (anemometers)

27 06 24 Aids and tools for measuring colours

27 06 27 Aids and tools for measuring sound levels

**27 09 Work furniture**

(Work) tables, see 18 03

(Work) chairs, see 18 09

27 09 03 Workbenches  
including carpenter's benches

27 09 06 Furniture for storing tools and workpieces  
including component boxes, filing cabinets  
Furniture for storage, see 18 36

**27 12 Manually operated tools**

Functional tools that are part of a limb prosthesis, see 06 18 27

Electric powered tools, see 27 15

Craft tools, see 30 18

**27 15 Machines, powered tools and attachments**

including safety devices and electric powered tools

Body-worn protective aids, see 09 06

**30 Aids for recreation**

Aids intended for play, hobbies, sports and other leisure activities including aids which could also be used for therapy and training

Aids for personal mobility, see 12

Aids for communication, information and signalling, see 21

Tools, see 27 12

Machines, see 27 15

**30 03 Toys**

Wheeled stretchers, pedal cars and playing carts, see 12 27 18

Remote control systems, see 24 12 03

**30 06 Games**

Aids designed for use according to rules, e.g. playing cards and chess

Software for calculation, see 21 18 12

Software for drawing and painting, see 21 24 21

Sports, see 30 09

**30 09 Aids for exercise and sports**

including aids for horse riding, e.g. adapted saddles

Aids for therapy and training, see 03

Clothes and shoes, see 09 03

Body-worn protective aids, see 09 06

Floating aids, see 09 33 39

Snorkels, see 09 33 42

Timepieces, see 09 51

**30 12 Musical instruments**

Audio recorders and receivers, see 21 30

TV and video equipment, see 21 33

**30 15 Aids for photography****30 18 Handicraft tools, materials and equipment**

including equipment for e.g. weaving and pottery

Aids for making and maintaining textiles, see 15 15

Measuring instruments, see 27 06

Manually operated tools, see 27 12

30 18 03 Tools, materials and equipment for textile handicraft including tools and equipment for silk-printing and weaving

30 18 06 Tools, materials and equipment for pottery including potters' wheels and ovens

30 18 09 Tools, materials and equipment for woodworking  
Workbenches  
including carpenter's benches, see 27 09 03

- 30 18 12 Tools, materials and equipment for metalworking including for imitation jewellery and enamel
- 30 18 15 Tools, materials and equipment for creative pictorial design
- 30 18 18 Tools, materials and equipment for handicraft with other materials including for tiffany work, paper-folding and basket-making
- 30 21 Tools, materials and equipment for outdoor and indoor gardening**
- 30 21 03 Tools for gardening including prolonged pruning shears and weeds-gripper
- 30 21 06 Adapted gardening beds including elevated beds and greenhouses
- 30 21 09 Protective aids and supportive devices for gardening including low rollers and kneeling benches  
Body-worn protective aids, see 09 06
- 30 21 12 Tools for indoor gardening and flower arranging
- 30 24 Aids for hunting and fishing**
- 30 24 03 Aids for hunting
- 30 24 06 Aids for fishing
- 30 27 Aids for camping and caravanning**
- 30 30 Aids for smoking**  
including adapted ashtrays, lighters and cigarette holders
- 30 33 Aids for pet care**

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## Annex A

(informative)

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3) To be published

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24 36 18	car trailers
30 27	caravanning
27 09 03	carpenter's benches
15 12 12	carpet sweepers (dry use)
24 36 15	carrier cycles
12 36 24	carrying chairs
12 36 24	carrying harnesses
24 36 03	carrying objects
12 09	cars
24 39 03	carts
21 30 03	cassette tape recorders
24 36 06	castors
18 09 12	catapult chairs
18 09 12	catapult seats
21 09 30	cd-rom players
12 12 08	central locks
06 03 12	cervical orthoses
06 03 15	cervicothoracic orthoses
06 03 18	cervicothoracolumbosacral orthoses
18 09 24	chair transporters
18 09 24	chairlifts
18 09 03	chairs
15 12 06	chamois leathers
21 06 06	character-reading machines
12 09 03	chassis (height-adjustable)
15 03 06	cheese slicers
30 06	chess
12 12 12	child safety seats

24 18 15	chin sticks
15 03 06	chopping devices (food)
24 27 21	chucks
30 30	cigarette-holders
03 06	circulation therapy
24 27 18	clamps
03 57 15	classification (training)
15 12	cleaning devices (dwelling)
15 03 09	cleaning devices (food)
27 03 03	climate control
24 27 12	clips
09 51 09	clocks
21 33 12	closed circuit television systems
09 27 04	closed-ended urine collection bags (body-worn)
09 27 07	closed-ended urine collection bags (non-body-worn)
09 03	clothes
09 09 09	clothes holders
15 15 45	clotheslines
15 15 39	clothes pegs
12 12 04	clutch (car)
09 03 06	coats
03 60 06	coding written language (training)
15 03 18	coffee makers
03 57	cognitive skills (training)
03 30 06	cold treatment
09 27	collecting units (urine)
09 27 18	collector (urine collection)
09 39 06	combs
12 21 30	combustion-motor-driven wheelchairs
03 63 18	commercial subjects (training)
09 12 03	commode chairs
21	communication
21 42 18	communication amplifiers
03 42	communication therapy
03 42	communication training
03 43 27	communication with pictures and drawings (training)
12 39 12	compasses
27 09 06	component boxes
03 06 03	compressed air suits
03 06 03	compression garments
03 06 12	compression units
18 03 03	computer terminal tables
21 48 21	computer-signal indicators
21 48 24	computerized organizers (portable)
21 30 21	computer recording of sound
21 12	computers
03 57 12	concept development (training)
09 27 18	connecting units (urine collection)

21 36 24	connection boxes (telephone)
21 39 12	connection units (radio)
21 36 24	connection units (telephone)
21 39 12	connection units (television)
09 27	connectors (urine collector)
18 24	construction elements
21 03 09	contact lenses
03 51	continence training
03 15 06	continuous ambulant peritoneal dialysis (capd)
03 75	control of input units (training)
21 09 06	control systems (computer)
12 24 03	control systems (wheelchair)
24 42 03	conveyor shutes
18 30	conveyors (home)
24 42	conveyors (work)
15 03 21	cookers
15 03 18	cooking devices
15 03 18	cooking dishes
15 03 03	cooking thermometers
15 03 21	cooking units
21 36 06	cordless telephones
15 03 09	coring knives
06 27	cosmetic prostheses (lower limb)
06 21	cosmetic prostheses (upper limb)
06 30 39	cosmetics (prosthese)
09 03 03	coveralls
03 33 06	coverings (pressure sore prevention)
18 09 09	coxit chairs
24 45	cranes
24 45 09	cranes (portable)
24 09 15	crank handles
12 27 15	crawlers
30 18 15	creative pictorial design
15 15 12	crocheting
15 09	crockery
03 43 12	cued speech (training)
18 36 06	cupboards
15 09 15	cups and saucers
18 21 09	curtain closers
18 21 09	curtain openers
18 12 15	cushions (bed)
12 12 12	cushions (car)
03 33 03	cushions (pressure-sore prevention)
03 03 24	cushions (respiratory therapy)
06 33 06	custom-made footwear
15 09 12	cutlery
15 03 06	cutting boards
15 03 06	cutting devices (food)

12 18 21 cycle adaptations  
24 36 15 cycle trailers  
12 18 cycles

**D**

03 78 daily living activities (training)  
03 69 09 dance (training)  
15 15 06 darning aids  
15 15 12 darning needles  
21 30 21 DAT-recorders/players  
21 09 07 datagloves  
21 33 09 decoders (videotext)  
06 33 03 deep-lasted footwear (ready-made)  
21 30 15 demagnetizers  
09 42 dental care  
06 30 36 dentures  
09 18 18 deodorizers  
21 12 03 desktop computers  
18 03 06 desks  
21 36 18 dialling aids  
21 36 15 dialling, engaged and ring tone indicators  
21 42 09 dialogue units  
21 42 09 dialogue units (portable)  
03 15 dialysis therapy  
03 15 03 dialyzers  
09 33 12 diaper-changing tables  
09 30 04 diapers  
15 03 03 diet scales  
21 30 21 digitizing systems  
18 03 12 dining tables  
15 06 15 dishcloth wringers  
15 06 09 dish drainers  
15 03 12 dishes (baking)  
15 06 18 dishwashers  
15 06 dishwashing  
15 06 06 dishwashing brushes  
09 21 09 disinfectants  
21 09 12 displays  
21 09 12 displays (built-in hard-copy)  
15 03 06 dividing devices (food)  
18 21 03 door closers  
18 21 03 door openers  
21 48 03 door signal indicators  
21 48 03 door signals  
21 48 06 door warners  
18 24 09 doors  
03 21 18 dosing aids (injection material)

03 18 03	dosing boxes
03 18	dosing medicines
09 12 06	douches (built-in toilet)
09 12 36	douches (toilet loose)
21 24 06	drafting boards
18 03 09	drafting tables
24 42 12	dragline conveyors
09 24 06	drainage catheters
03 69 09	drama (training)
21 24	drawing
21 24 06	drawing boards
21 24 03	drawing compasses
03 69 06	drawing skills (training)
18 03 09	drawing tables
09 03 21	dresses
09 09	dressing aids
09 09 12	dressing hooks
09 21 12	dressing materials (skin protection)
09 09 12	dressing sticks
15 03	drink preparation
15 09 03	drink serving
15 09	drinking
15 15 42	drying cupboards
15 15 45	drying frames
09 33 36	drying oneself
15 12 09	dust-busters
15 12 03	dust brushes and sets
15 12 06	dusters
15 12 03	dustpans

**E**

06 30 24	ear prostheses
09 06 09	ear protection
21 42 21	ear trumpets
03 60 03	early counting (training)
18 09 15	easy chairs
15 09	eating
15 03 15	eggbeaters
15 03 18	egg boilers
15 09 24	egg cups
15 03 06	egg dividers
15 03 18	egg rings
15 03 06	egg slicers
09 03 48	elastic shoelaces
12 03 06	elbow crutches
06 18 12	elbow disarticulation prostheses
06 06 36	elbow joints (orthoses)
06 06 15	elbow orthoses

09 06 12	elbow protection
06 18 33	elbow units
06 06 18	elbow-wrist orthoses
06 06 19	elbow-wrist-hand orthoses
21 15 15	electric Braille writers
21 15 15	electric Braille writers with storage
15 03 21	electric hotplates
18 21 15	electric locks
12 21 24	electric-motor-driven wheelchairs (manual steering)
12 21 27	electric-motor-driven wheelchairs (powered steering)
27 15	electric powered tools
21 15 06	electric typewriters without memory
03 24 15	electrocardiogram (ECG) equipment
21 48 15	electronic babysitters
21 54 12	electronic books
21 18 06	electronic calculators
21 48 24	electronic calendar and memory systems
18 02 03	electronic mixing valves
30 21 06	elevated beds
18 30 03	elevators
15 15 06	embroidering rings
21 51 09	emergency detection
09 36 06	emery boards
30 18 12	enamel
21 09 06	enlarged keyboards
12 12 27	enlarged windows (car)
21 39 18	entry-phone amplifiers
21 39 18	entry-phones
24 12	environmental control systems
27 03	environmental improvement
03 48 03	ergometer cycles
03 78 06	everyday personal activities (training)
30 09	exercise (sports)
24 21	extenders (reach)
24 21 09	extenders (without gripping function)
06 24 37	external joints (lower limb prosthetic system)
06 18 39	external joints (upper limb prosthetic system)
21 09 30	external memory units
06 30 21	eye prostheses
09 06 06	eye protection
03 09 09	eye protection (light therapy)
03 36 06	eye-hand coordination
06 30 09	eyebrows
06 30 09	eyelashes

**F**

03 42 06	f-indicators (speech training)
09 06 06	face protection
21 42	face-to-face communication aids
21 42 10	face-to-face communication devices (non-portable)
09 45	facial care
06 30 30	facial prostheses
09 03 48	fasteners (clothes)
09 30 09	fasteners (urine-absorbing)
12 12 24	fastening a wheelchair
09 27 13	fastening devices (urine collector)
15 09 27	feeding apparatus
15 09 30	feeding probes
18 33 06	fences (safety at home)
21 03 27	field-of-vision expanders
27 09 06	filing cabinets
03 03 06	filters (inhalation)
03 48 12	finger exercise appliances
06 06 03	finger orthoses
06 18 03	finger prostheses
03 43 03	finger spelling (training)
21 51 09	fire alarms
30 24 06	fishing
03 15 06	fistula cannulas
18 36 15	fittings (cabinet)
18 36 15	fittings (cupboard)
18 36 15	fittings (shelf)
24 27	fixation of objects
24 24 03	fixed-position systems (objects)
18 30 18	fixed ramps
18 12 15	fixing devices (blanket)
24 27 21	fixtures for tools
15 06 06	flask brushes
18 24 03	flexible tubing
09 33 39	floating aids
15 12 15	floor
18 24 15	floor coverings
15 12 15	floor mops
15 12 24	floor polishers
15 12 06	floorcloths
30 21 12	flower arranging
09 18 36	flushing syringes
18 24 09	folding doors
15 03 15	food mixers
15 03	food preparation
15 03 15	food processors
15 09 03	food serving
12 21 18	foot-driven wheelchairs

06 12 03	foot orthoses
09 06 21	foot protection
18 09 27	foot-rests (chair)
12 18 06	foot-propelled tricycles
18 09 27	footstools
06 33 09	footwear (adapted standard)
06 33 06	footwear (custom-made)
06 33 03	footwear (ready-made)
03 15 12	forceps
12 03 09	forearm-support crutches
21 09 24	forearm supports (typing)
03 63 06	foreign-language training
06 18 21	forequarter amputation prostheses
24 39 09	forklift trucks
12 18 15	four-wheeled cycles
12 15 09	four-wheeled mopeds
03 15 06	frames (capd units)
15 03 24	freezers
15 03 18	frying devices
15 03 18	frying-pan covers
15 03 18	frying pans
15 03 18	frying tongs
06 15	functional electrical stimulators
06 18 27	functional tools (prosthese)
15 09 09	funnels
18	furnishings
18 36	furniture (storage)

**G**

30 06	games
30 21	gardening
30 21 06	gardening beds
18 24 03	gas supply
18 33 06	gates (safety at home)
12 12 04	gears (car)
18 06 03	general lights
15 09 15	glasses
09 03 12	gloves
12 27 21	go-karts
18 18 06	grab rails
24 18 03	grasping aids
15 03 06	graters
30 21 06	greenhouses
24 18 06	grip adapters
24 18 06	grip attachments
24 21 06	gripping tongs (electric)
24 21 03	gripping tongs (manual)
03 48 15	gymnasium mats

**H**

03 15 03	haemodialysis units (hd)
09 39	hair care
09 39 09	hair dryers
09 39 06	hairbrushes
06 30 06	hairpieces
03 48 12	hand exercise appliances
18 18 06	handgrips
06 06 06	hand orthoses
12 18 09	hand-propelled tricycles
09 06 15	hand protection
18 18 03	handrails
30 18	handicraft equipment
30 18	handicraft materials
30 18	handicraft tools
24 09 06	handles (fixed)
24 09 09	handles (rotating)
24 06	handling containers
24	handling products and goods
03 75	handling products and goods (training)
06 18 24	hands (prosthetic)
24 09 15	handwheels
21 24	handwriting
09 06 24	harnesses (body protection)
12 12 09	harnesses (car belt)
12 36 24	harnesses (lifting)
12 30 15	harnesses (transfer)
09 03 09	hats
21 45 06	headband hearing aids
09 06 03	head protection
24 18 15	head sticks
21 39 03	headphones
21 45 18	hearing aids with implant
09 06 09	hearing protection
21 45	hearing aids
21 45 09	hearing aids (spectacle)
21 45	hearing aids with tinnitus masking
03 27 03	heart stimulators
03 30 03	heat treatment
15 09 03	heated serving dishes
03 15 06	heaters
09 06 21	heel protection
18 12	height-adjustable beds
12 09 03	height-adjustable chassis
18 15 06	height-adjustable plinths
18 15	height adjustment (furniture)
06 24 24	hemicorporectomy prostheses
06 24 21	hemipelvectomy prostheses

03 15 03	heparin pumps
03 12 06	hernia girdles
03 12 03	hernia straps
03 12 06	hernia trusses
18 09 18	high chairs (children)
06 24 18	hip disarticulation prostheses
06 12 27	hip joints (orthoses)
06 12 18	hip-knee-ankle-foot orthoses
06 12 15	hip orthoses
06 24 36	hip units
06 12 16	hip-knee orthoses
12 36 09	hoist trolleys
24 30	hoisting objects
12 36	hoists
12 36 21	hoists (body-support unit)
12 36 03	hoists (mobile, sling seat)
12 36 06	hoists (mobile, solid seat)
12 36 12	hoists (stationary, fixed to building)
12 36 18	hoists (stationary, free-standing)
12 36 15	hoists (stationary, mounted to product)
24 18 09	holders (body-worn)
15 03 18	holders (pan)
24 18 06	holders (to product)
18	home adaptations
24 36 03	hooks (carrying objects)
30 09	horse riding
15 12	housecleaning
15	housekeeping
03 78 12	housekeeping (training)
03 63 09	humanistic subjects (training)
27 03 03	humidifiers
30 24 03	hunting
06 15	hybrid orthotic systems
18 12 15	hygienic underpads
27 06 21	hygrometers
<b>I</b>	
12 07	ice grippers
03 43 21	icon-symbols (training)
27 03 15	illumination control
21 06 03	image-enlarging video systems
21 33 12	image transmission
21 39 12	impedance transformers (radio)
21 39 12	impedance transformers (television)
21 45 03	in-the-canal hearing aids
21 45 03	in-the-ear hearing aids
03 51 03	incontinence alarms
21 30 12	index tone generators

21 48 indicating  
 21 48 18 indicators  
 12 12 08 indicators (car)  
 21 36 27 induction-coil devices  
 21 39 21 induction loop systems  
 24 30 18 industrial robots  
 24 39 industrial transportation vehicles  
 09 33 39 inflatable bathing caps  
 03 66 12 informatics (training)  
 21 information  
 03 21 21 infusion pumps  
 03 15 06 infusion unit bags  
 03 03 06 inhalation equipment  
 03 03 03 inhaled-air preheaters  
 03 03 06 inhaler dispensers  
 03 21 03 injection guns  
 03 21 injection materials  
 03 21 15 injection needles (multi-use)  
 03 21 12 injection needles (single-use)  
 03 21 09 injection syringes (multi-use)  
 03 21 06 injection syringes (single-use)  
 21 09 input devices  
 21 09 05 input equipment  
 21 09 04 input modifications  
 06 12 03 insoles  
 03 15 12 instrument sets (dialysis)  
 21 51 12 insulin alarms  
 03 21 21 insulin pumps  
 21 39 15 intercoms  
 03 30 03 IR lamps  
 21 39 27 IR systems  
 15 15 27 ironing boards  
 15 15 24 ironing machines  
 15 15 27 ironing tables  
 15 15 24 irons  
 09 18 24 irrigation sets

**J**

09 03 18 jackets (indoor)  
 09 03 06 jackets (outdoor)  
 03 03 06 jet dispensers  
 30 18 12 jewellery  
 24 45 06 jib cranes  
 03 66 06 job training (general)  
 03 75 06 joystick control (training)  
 24 09 18 joysticks

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**K**

21 09 06	keyboard (enlarged)
21 09 06	keyboard (miniature)
21 09 06	keyboard emulators
03 75 12	keyboard skills (training)
21 09 06	keyboards
12 27 12	kick-sleds
15 03 03	kitchen scales
15 03 18	kitchen utensils
06 12 12	knee-ankle-foot orthoses
06 24 12	knee-disarticulation prostheses
06 12 24	knee joints (orthose)
06 12 09	knee orthoses
09 06 18	knee protection
06 24 33	knee units
30 21 09	kneeling benches
12 09 03	kneeling cars
15 15 09	knitting machines
15 15 12	knitting needles
15 03 06	knives
24 09 06	knobs (fixed)
24 09 09	knobs (rotating)

**L**

18 27	ladders
12 24 15	lap trays (wheelchair)
21 12 06	lap-top computers
21 09 09	large-character printer
15 15 30	laundry baskets
03 48 15	leg-exercise appliances
18 15 03	leg extenders
09 06 18	leg protection
18 09 27	leg-rests (chair)
18 12 24	leg supports (bed)
21 03 30	lens systems (high magnification)
21 03 30	lenses (high magnification)
21 42 06	letter boards
21 06 09	letter magnification (software)
27 06 12	letter scales
21 42 03	letter sets
18 24 03	lever taps
12 36	lifting aids
12 30 15	lifting belts
12 33 03	lifting cushions
18 30 06	lifting platforms
24 30 15	lifting robots
24 24 09	lifting systems (positioning object)