

E04H

BUILDINGS OR LIKE STRUCTURES FOR PARTICULAR PURPOSES; SWIMMING OR SPLASH BATHS OR POOLS; MASTS; FENCING; TENTS OR CANOPIES, IN GENERAL (foundations [E02D](#))

Definition statement

This subclass/group covers:

Structures specially adapted for buildings for special purposes; general layout of buildings as a whole, e.g. modular co-ordination; details which are peculiar to different types of the buildings for special purposes specified in the groups

References relevant to classification in this subclass

This subclass/group does not cover:

Canopies having special application, which are covered by the relevant place, e.g. protecting chairs against the weather	A47C 7/66
Bed canopies	A47C 29/00
Sanitary equipment	A47K
Bridges	E01D
Additional construction work	E01F
Foundations	E02D
General building constructions	E04B
Structural elements for building constructions	E04C
Roofs	E04D
Finishing work on buildings	E04F
Scaffolding; Shuttering	E04G

E04H 1/00

Buildings or groups of buildings for dwelling or office purposes; General lay-out, e.g. modular co-ordination, staggered storeys; [N: small buildings] ([E04H 3/00](#) takes precedence; buildings for two or more purposes, e.g. drive-in buildings [E04H 14/00](#); building construction in general [E04B 1/00](#))

Definition statement

This subclass/group covers:

Buildings made of building modules;

Dwelling houses in generally, i.e. apartment houses arranged in two or more levels;

Office buildings

References relevant to classification in this group

This subclass/group does not cover:

Furniture or fittings for shops, storehouses or the like	A47F
General building constructions	E04B
Collapsible, erectable or rotatable buildings	E04B 1/343
Small buildings for limited occupation	E04H 1/12
Drive-in buildings	E04H 14/00
Buildings or groups of buildings for public or similar purposes	E04H 3/00

Informative references

Attention is drawn to the following places, which may be of interest for search:

Extraordinary structures	E04B 1/34
Heat, sound or noise insulation, absorption, or reflection for buildings	E04B 1/74
Domestic public installations	E03C

Canalisation per se	F16L
Conducts for ventilation, heating, systems or air-conditioning	F24F

Special rules of classification within this group

Use also [E04B 2001/0053](#) to [E04B 2001/0092](#) to classify buildings characterised by their shape or layout grid

E04H 1/12

Small buildings or other erections for limited occupation, erected in the open air or arranged in buildings, e.g. kiosks, waiting shelters for bus stops or for filling stations, roofs for railway platforms, watchmen's huts, dressing cubicles (movable screens as household equipment [A47G 5/00](#))

References relevant to classification in this group

This subclass/group does not cover:

Movable screens as household equipment	A47G 5/00
Cabins for artificial hot-air or cold-air baths	A61H 33/00
Fume cabinets,	B08B 15/00
Lavatories, urinals	E03D
Collapsible, erectable or rotatable buildings	E04B 1/343
Air-conditioning	F24F

Informative references

Attention is drawn to the following places, which may be of interest for search:

Transformer houses	E04H 5/04
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Structures against air-raid or other war like actions, arranged in or forming part of buildings, independent shelters	E04H 9/04
Bathing or beach cabins	E04H 15/003

Special rules of classification within this group

Use [E04H 2001/1288](#) to classify sauna cabins, [E04H 2001/1283](#) to classify small buildings of the ISO-containers type, [E04H 2001/1294](#) to classify the booths for smoking

E04H 3/00

Buildings or groups of buildings for public or similar purposes; Institutions, e.g. infirmaries, prisons (portions of buildings for individual occupation, e.g. cubicles [E04H 1/00](#); structures covering a large free area [E04B 1/342](#))

Definition statement

This subclass/group covers:

Buildings for hotels, restaurants, shops, department stores, museums, hospitals, mobile medical centres;

Public institutions like schools, prisons;

Buildings like e.g. stadiums, arenas or halls for meetings, entertainment and sport; Tribunes, grandstands and terraces for spectators, i.e. telescopic grandstands as well as foldable retractable or tiltable tribunes;

Other sporting buildings, like e.g. buildings housing swimming pools;

Buildings for theatres, concert halls, studios;

Stages, i.e. revolving stages or stages with shiftable or portable platforms;

Constructional features of auditoriums

References relevant to classification in this group

This subclass/group does not cover:

Chairs, stools, benches	A47C
Furnishing or fitting in generally, like e.g. paying counters, furniture or	A47F , e.g. A47F 9/02 , A47F 10/00

installations specially adapted for supermarkets	
Equipment for theatres or concert halls	A63J
Vehicles specially adapted to carry a theatre or stage	B60P/025
Transport aspects	B65G
Structures covering a large free area	E04B 1/342
Building details providing acoustical effects	E04B 1/99
Coin-freed apparatus	G07F

Informative references

Attention is drawn to the following places, which may be of interest for search:

Collapsible, erectable or rotatable buildings	E04B 1/343
Roof structures with movable roof parts	E04B 7/16
Portions of buildings for individual occupation, e.g. cubicles	E04H 1/00
Swimming pool coverings consisting of rigid elements	E04H 4/08
Buildings against air-raid or other war-like actions or against adverse climate conditions	E04H 9/04 , E04H 9/16
Buildings of drive-in type	E04H 14/00

Special rules of classification within this group

Use [E04H 2003/142](#) to classify sporting buildings with vertically movable or

tillable playing fields or sections, [E04H 2003/145](#) for those with reconfigurable seating arrangement and [E04H 2003/147](#) for those using horizontally movable sections of tribunes.

E04H 4/00

Swimming or splash baths or pools (wave-producers for baths [A47K 3/10](#); separation [B01D](#); treatment of water [C02F](#); wave-producing pumps [F04D 35/00](#))

Definition statement

This subclass/group covers:

Devices for producing waves in swimming pools;

Floating swimming pools;

Easy movable and transportable swimming pools, i.e. with inflatable parts or made of shell type elements or of panes;

Safety devices for swimming pools, i.e. floors adjustable in height;

Swimming pool coverings made of rigid elements or of flexible materials;
Devices or arrangements for circulating water, i.e. devices for removal of polluted water, cleaning baths or for water treatment;

Devices and accessories peculiar to swimming pools, i.e. coping elements, liner fixing means, step units, lighting means;

Devices and apparatuses specially adapted for cleaning, i.e. hand-held strainers, powered cleaners, suction cleaners, self-propelled cleaners

References relevant to classification in this group

This subclass/group does not cover:

Bathing devices for special therapeutic or hygienic purposes	A61H
Sanitary equipment in general	A47K
Wave producers for baths	A47K 3/10
Wave producing pumps	F04D 35/00

Informative references

Attention is drawn to the following places, which may be of interest for search:

Devices for generating a current of water in swimming pools, e.g. for teaching swimming	A63B 69/125
Walls made by casting, pouring, or tamping in situ , e.g. in permanent forms	E04B 2/86

Special rules of classification within this group

Use [E04H 2004/0068](#) to classify pools made of plastic shells or plastic elements including at least parts of walls and floors

E04H 4/12

Devices or arrangements for circulating water, [N: i.e. devices for removal of polluted water, cleaning baths or for water treatment]

Definition statement

This subclass/group covers:

Treatment of water for swimming pools;

Devices for removal of polluted water, i.e. circumferential gutters;

Bottom drains;

Recirculating pumps for swimming pool water, arm-mounted debris traps; floating skimmers and skimmers integrated in the pool wall;

Devices for distributing chemical products in the water of swimming pools and systems for heating the water content of swimming pools

References relevant to classification in this group

This subclass/group does not cover:

Water separation aspects, i.e. filters	B01D
Treatment of water	C02F

Informative references

Attention is drawn to the following places, which may be of interest for search:

Solar collectors using pools	F24J2/04B16 , F24J 2/0461
Solar heat systems for swimming pools	F24J 2/423

E04H 4/14

Parts, details or accessories not otherwise provided for

Definition statement

This subclass/group covers:

Devices and accessories peculiar to swimming pools, i.e. coping elements;
Liner fixing means;

Means for facilitating access, e.g. step units or slides;

Dividing means for swimming pool, e.g. panels, bulkheads;

Lighting means

References relevant to classification in this group

This subclass/group does not cover:

Sanitary equipment	A47K
Invalid-lifting devices for swimming pools	A61G7/10D

Special rules of classification within this group

Use [E04H 2004/146](#) and [E04H 2004/147](#) to classify the fixing aspects of the liners

E04H 4/16

specially adapted for cleaning (cleaning devices peculiar to vessels [B63B 59/00](#))

Definition statement

This subclass/group covers:

Devices and apparatuses specially adapted for cleaning the swimming pool, e.g. hand-held strainers, powered cleaners, suction cleaners, self-propelled cleaners, cleaners wherein the propulsion results from an intermittent interruption of the waterflow through the cleaner;

Connection between the cleaners and the water circulation system;

Cleaning whips;

Pool nozzles

References relevant to classification in this group

This subclass/group does not cover:

Brushes and bristles	A46B
Cleaning devices peculiar to vessels	B63B 59/00
Cleaning or keeping clear the surface of open water	E02B 15/00

E04H 5/00

Buildings or groups of buildings for industrial or agricultural purposes (building construction in general [E04B 1/00](#))

Definition statement

This subclass/group covers:

Buildings for industrial purposes, e.g. for power-plants, factories, data processing centers;

Buildings forming parts of cooling plants;

Transformer houses;

Substations or switchgear houses;

Pits for inspection or services and coverings therefore;

Buildings for agricultural purposes;

Cooling towers

References relevant to classification in this group

This subclass/group does not cover:

Manure storage places	A01C 3/02
Greenhouses	A01G 9/14
Manhole shafts or other inspection chambers in general	E02D 29/12
Computer floors	E04F
Silos	E04H 7/22
Ventilation	F24F
Cooling equipment	F28F
Constructional details common to different types of electric apparatus, e.g. computers	H05K 7/00

Informative references

Attention is drawn to the following places, which may be of interest for search:

Spray booths	B05B 15/12
Servicing, maintaining, repairing or refitting vehicles	B60S 5/00
Building constructions in general	E04B 1/00

Special rules of classification within this group

Use [E04H 2005/005](#) to classify the buildings for data processing centers

E04H 6/00

Buildings for parking cars, rolling stock, aircraft, vessels or like vehicles, e.g. garages (tents for use as garages [E04H 15/00](#); bicycle stands [B62H](#); storing of vessels on land [B63C 15/00](#); construction of ground-supported surfaces [E01C](#); marking of parking areas on the ground [E01F 9/00](#); building construction in general [E04B 1/00](#))

Definition statement

This subclass/group covers:

Garages for vehicles on two wheels;

Small garages, for one or two cars, like e.g. carports, small garages of the wheeled, hinged, foldable, telescopic, swinging or otherwise movable type, small garages using tiltable floors or ramps;

Garages for many vehicles with mechanical means for shifting or lifting vehicles or without mechanical means for shifting or lifting vehicles, like e.g. with means for transport in vertical direction only or independently in vertical and horizontal directions, either the cars rolling freely from the transfer means or using different transfer means or by the use of movable platforms for horizontal transport or characterised by the use of turntables, rotary elevators or the like on which the cars are not permanently parked;

Devices or arrangements peculiar to garages, not covered elsewhere, e.g. securing devices, safety devices, automatically operated car-parks, devices for collecting oil or further fluids under parked cars.

References relevant to classification in this group

This subclass/group does not cover:

Storing of vessels on land	B63C 15/00
Bicycle stands	B62H
Structures covering a large free area	E04B 1/342
Collapsible, erectable or rotatable buildings; prefabricated and with undivided interior	E04B 1/343
Construction of ground-supported surfaces	E01C
Marking of parking areas on the ground	E01F 9/00
Tents for use as garages	E04H 15/00

Informative references

Attention is drawn to the following places, which may be of interest for search:

Servicing, maintaining, repairing or	B60S 5/00
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refitting vehicles	
Turntables	B60S 13/02
Lifting frames	B66F
Storage devices	B65G 1/02
Building constructions in general	E04B 1/00
Solar heat collectors	F24J 2/00

E04H 7/00

Construction or assembling of bulk storage containers employing civil engineering techniques in situ or off the site (tower aspects [E04H 12/00](#); storage aspects, e.g. floating roofs, sealing means, filling or discharging means [B65D](#), [B65G](#), [F17B](#), [F17C](#); foundations [E02D 27/38](#))

Definition statement

This subclass/group covers:

Containers for fluids or gases mainly made of metal, with vertical axis, roof constructions therefore, with horizontal axis or ball shaped or mainly made of reinforced or prestressed concrete;

Containers for fluent solids, e.g. silos, bunkers, supports therefore, e.g. with or without perforated walls mainly made of reinforced concrete, of metal or of wood

References relevant to classification in this group

This subclass/group does not cover:

Covers, roofs or other structures for covering manure storage places	A01C 3/02
Filling or discharging means	B65D , B65G , F17B , F17C
Foundations	E02D 27/38
Arrangements or adaptations of tanks for water supply	E03B 11/00

Tower aspects	E04H 12/00
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Informative references

Attention is drawn to the following places, which may be of interest for search:

Storing agricultural produces	A01F 25/00
Drying solid materials	F26B 5/00
Processes or apparatus for separating the constituents of gaseous mixtures involving the use of liquefaction or solidification; Details of the apparatus used	F25J 3/00

Special rules of classification within this group

Use [E04H 2007/225](#) to classify the silos with retaining wall type elements, e.g. trench silos

E04H 9/00

Buildings, or groups of buildings, or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake, extreme climate (floatable buildings [B63B](#); foundation aspects [E02D](#); building constructions in general [E04B](#); bearings or like supports allowing movement [E04B 1/36](#); special details in regard to insulation or other protection [E04B 1/62](#); supporting structures for endangered or damaged existing buildings or parts thereof [E04G 23/04](#); doors, windows [E06B 5/00](#); air-conditioning, ventilation [F24F](#); camouflage [F41H 3/00](#); cells or rooms shielded against dangerous radiation [G21F 7/00](#))

Definition statement

This subclass/group covers:

Buildings, or groups of buildings, or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake, extreme climate

References relevant to classification in this group

This subclass/group does not cover:

Respiratory apparatus	A62B
Floatable buildings	B63B
Special details in regard to insulation or other protection	E04B 1/62
Doors, windows	E06B 5/00
Protecting building openings	E06B 9/00
Tunnels, mines, galleries	E21D
Air-conditioning, ventilation	F24F
Camouflage	F41H 3/00
Cells or rooms shielded against dangerous radiation	G21F 7/00

Informative references

Attention is drawn to the following places, which may be of interest for search:

Building constructions in general	E04B
Shelters for decontamination	E04H 1/1272
Safety arrangements	F42D
Suppression of vibrations	F16F

E04H 9/02

withstanding earthquake or sinking of ground (foundations [E02D 27/34](#); [N: making use of active or passive dynamic mass damping systems [E04B 1/985](#)])

Definition statement

This subclass/group covers:

Earthquake withstanding structures, having e.g. steel columns and beams or concrete columns;

Earthquake withstanding shelters and protection cells arranged inside of buildings;

Preventing constructional measures against earthquake damage in existing buildings;

Bearing, supporting or connecting construction for withstanding earthquake, damping devices having e.g. laminated structures of alternating elastomeric and rigid layers or structures comprising rolling elements like balls, pins.

Informative references

Attention is drawn to the following places, which may be of interest for search:

Bearings or like supports allowing movement	E04B 1/36
Building protection making use of active or passive dynamic mass damping systems	E04B 1/985
Foundations	E02D
Foundations for sinking or earthquake territories	E02D 27/34
Working measures for endangered or damaged existing buildings or parts thereof	E04G 23/00

Special rules of classification within this group

Use [E04H 2009/026](#) to classify anti-seismic devices with hydraulic or pneumatic damper and [E04H 9/028](#) to classify structural braces with damping devices

E04H 12/00

Towers; Masts, poles; Chimney-stacks; Water-towers; Methods of erecting such structures (cooling-towers [E04H 5/12](#); devices for erecting masts or poles [B66F](#); foundation piles [E02D 5/22](#); foundations for masts, poles, chimneys [E02D](#)

[27/42](#); structural elongated members in general [E04C 3/00](#); fixed climbing irons [E06C 9/04](#); derricks for oil drilling [E21B 15/00](#))

Definition statement

This subclass/group covers:

Access covers or locks for openings in masts or poles;

Structures made of specified materials, like e.g. plastic or composite layer of resin and longitudinally arranged glass fibres;

Structures made of wood and truss-like structures made of wood;

Structures made of metal, truss-like structures made of metal, structures with truss-like sections combined with tubular-like sections, details of flanges for tubular masts;

Structures made of concrete, with or without internal or external reinforcements, pre-stressed structures;

Movable structures or having movable sections, e.g. rotatable, telescopic, with identical elements or with hinged sections;

Side support means for towers, masts or poles, e.g. using guy ropes, struts;

Sockets or holders for poles or posts;

Cross arms;

Winding-towers for mines;

Chimney stacks, e.g. free-standing or similar ducts;

Water-towers;

Flag poles;

Arrangements for erecting and lowering towers, masts, poles, chimney stacks or the like

References relevant to classification in this group

This subclass/group does not cover:

Flexible slalom gate poles	A63C 19/062
Tanks	B65D 88/00
Use of high-level tanks	E03B 11/12
Rotary buildings	E04B 1/346

Structural elongated members in general	E04C 3/00
Fixed climbing irons	E06C 9/04
Flexible road sign supports	E01F 9/017
Chimneys as part of a building	E04F 17/02
Cooling-towers	E04H 5/12
Mounting structures for wind motors	F03D
Fastening means for cables or ropes	F16G 11/00
Supports for aerials	H01Q 1/12

Informative references

Attention is drawn to the following places, which may be of interest for search:

Locking of telescopic systems in general	F16B 7/10
Street lamps	F21S 8/08
Supporting, suspending, or attaching arrangements for lighting devices	F21V 21/00
Chimney equipment	F23J
Flags, banners, mountings therefore	G09F 17/00
Suspension arrangements or devices for electric cables or lines	H02G 7/05

E04H 12/22

Sockets or holders for poles or posts [N: (for sports articles, e.g. floor sockets [A63B 71/023](#); for road signs [E01F 9/011](#); foundations for poles, masts or chimneys [E02D 27/42](#))]

Definition statement

This subclass/group covers:

Sockets or holders for poles or posts driven or screwed into the ground;

Sockets or holders for poles or posts to be placed on the ground, e.g. filed with, water, sand or the like;

Mounting poles or posts to a holder, e.g. on a flat base, in a socket;

Clamping poles or posts on a stub;

Means for adjusting the orientation of the post or pole;

Holders used for protection, repair or reinforcement of the post or pole

References relevant to classification in this group

This subclass/group does not cover:

Supports, e.g. poles for sports	A63B 71/023
Derricks for oil drilling	E21B 15/00
Foundation piles	E02D 5/22
Foundations for poles, masts or chimneys	E02D 27/42
Break away mountings	E01F 9/018

Informative references

Attention is drawn to the following places, which may be of interest for search:

Other umbrellas	A45B 23/00
Article supports adapted to be stuck into the ground	A45F 3/44
Christmas tree stands	A47G 33/12
Ground anchors	E02D 5/80
Sockets or holders for road signs	E01F 9/011
Pegs, stakes or the like for tents	E04H 15/62

Anchoring means for fence posts	E04H 17/08 , E04H 17/22
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E04H 12/34

Arrangements for erecting or lowering towers, masts, poles, chimney stacks, or the like

Definition statement

This subclass/group covers:

Arrangements for casting in situ concrete towers or the like;

Arrangements for stacking tower sections on top of each other;

Arrangements for lifting tower sections for placing additional sections under them;

Arrangements for tilting up whole structures or sections thereof;

Arrangements for setting poles in the ground;

Arrangements for demolition towers or the like

References relevant to classification in this group

This subclass/group does not cover:

Elevators	B66D
Devices for erecting masts or poles	B66F
Erecting methods for wind motors	F03D 1/001
Hoisting or lowering devices for lighting poles	F21V 21/36

E04H 13/00

Monuments; Tombs; Burial vaults; Columbaria ([N: coffins, urns [A61G 17/00](#)]; sculpture or other artistic features B44)

Definition statement

This subclass/group covers:

Accessories for grave sites, e.g. liners, covers, vault lowering devices;
 Funeral monuments, grave sites curbing or markers not making part of vaults;
 Ventilation systems for tombs and burial vaults;
 Columbaria, mausoleum with frontal access to vaults;
 Memorials for cremation ashes

References relevant to classification in this group

This subclass/group does not cover:

Coffins, urns	A61G 17/00
Decorative arts	B44

E04H 14/00

Buildings for combinations of different purposes not covered in a single previous group of this subclass, e.g. for double purpose; ([E04H 3/02](#), [E04H 9/06](#) take precedence); Buildings of the drive-in type

Informative references

Attention is drawn to the following places, which may be of interest for search:

Hotels; Motels; Coffee houses; Restaurants; Shops; Department stores	E04H 3/02
Structures arranged in or forming part of buildings	E04H 9/06

E04H 15/00

Tents or canopies, in general

Definition statement

This subclass/group covers:

Hunting, fishing huts or the like;

Bathing or beach cabins;

Tents used as toys;

Tents or tent-like constructions composed partially of rigid panels;

Tents combined or specially associated with other devices, like e.g. of suspended type, partially supported by vehicles;

Heating, lighting aspects for tents. Ventilating of tents and of tent roofs;

Tents having plural sectional covers, e.g. pavilions, vaulted tents, marquees, circus tents, plural tents, e.g. modular;

Inflatable tents;

Cone shaped tents

Centre-pole supported tents, e.g. umbrella type tents;

Convertible tents, e.g. from one type to another type tent, from tent to canopy, from tent cover into diverse articles

Parts, components, construction details, accessories, interior equipment, specially adapted for tents, e.g. guy-line equipment, skirts, thresholds

Supporting means for tents, e.g. frames;

Covers, floors, closures, awnings sunshades;

Poles;

Pegs, stakes or the like;

Tent or canopy cover fastenings, e.g. the fixing members being a beading, the fixing members being locked by an additional locking member or the longitudinal recesses being made from two clamping members

References relevant to classification in this group

This subclass/group does not cover:

Sacks or packs convertible into tents	A45F 4/04
Coats or capes convertible into tent coverings	A45F 4/14
Beds per se	A47C
Beach towels	A47G 9/062
Connection of valves to inflatable elastic bodies	B60C 29/00

Trailer-type vehicles or caravans with foldable or readily disassembled living accommodation comprising flexible elements	B60P 3/341
Inflatable forms for making walls or the like	E04G 11/04
Devices for fastening or securing general constructional elements or machine parts together	F16B

Informative references

Attention is drawn to the following places, which may be of interest for search:

Umbrellas and umbrella details	A45B 23/00 , A45B 25/00
Travelling or camp articles	A45F 3/00 , A45F 4/00
Amusement arrangements	A63G 31/00
Sunshades, awnings, screens in general	E04F 10/00
Small buildings erected in open air	E04H 1/1205
HOLDERS for posts or poles to be driven into the ground	E04H 12/2215
Heating or ventilating	F24
Lighting	F21

Special rules of classification within this group

Use [E04H 2015/201](#) to **P04H15/20H** to classify different constructional aspects of the inflatable tents;

Use [E04H 2015/326](#) to classify the frame members connected by elastic cords and [E04H 2015/328](#) to classify the frames erected solely by guy lines

E04H 15/34

Supporting means, e.g. frames

Definition statement

This subclass/group covers:

Tent frames of arch-shaped type, expansible, e.g. extensible in a fan type manner, flexible and foldable;

External type frames, i.e. outside cover, also with flexible supporting means;

Collapsible, e.g. breakdown type, having connecting nodes, telescoping and foldable, foldable, i.e. having pivoted or hinged means, of lazy-tong type or characterised by connecting arches with lazy-tongues, of parallelogram type

References relevant to classification in this group

This subclass/group does not cover:

Buildings structures having collapsible parts in general	E04B 1/343
Devices for fastening or securing general constructional elements or machine parts together	F16B

Informative references

Attention is drawn to the following places, which may be of interest for search:

Small garages in the form of an overhead canopy and small garages of the hinged, foldable or otherwise movable type	E04H 6/025 , E04H 6/04
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E04H 17/00

Fencing, e.g. fences, enclosures, corrals (features peculiar to electrified fences [A01K 3/00](#), [H05C](#); means for allowing passage through fences, barriers, or the like [E06B 11/00](#))

Definition statement

This subclass/group covers:

Anti-climbing devices, e.g. fixed or rotary spikes;

Wire fencing;
 Fences constructed of rigid elements;
 Fences using prefabricated panel-like elements;
 Posts for fences and anchoring means therefore;
 Devices for erecting and removing fences

References relevant to classification in this group

This subclass/group does not cover:

Features peculiar to electrified fences	A01K 3/00,H05C/00
Devices for preventing or obstructing access or passage of birds	A01M 29/30
Wire nettings	B21F 27/00
Means for allowing passage through fences, barriers, or the like	E06B 11/00
Devices for fastening or securing general constructional elements or machine parts together	F16B
Turnbuckles	F16G 11/12

Informative references

Attention is drawn to the following places, which may be of interest for search:

Struts for masts	E04H 12/20
Sockets for posts entering the ground	E04H 12/22
Props, stays for agriculture	A01G 17/14

E04H 17/14

Fences constructed of rigid elements, e.g. with posts, with additional wire fillings

Definition statement

This subclass/group covers:

Fences made of building blocks or of woven slats;

Post and rail fences with or without vertical cross-members and connections between rail and post for such fences;

Picket fences with pickets attached to the side or going through the horizontal members connections between the horizontal members and post for such fences;

Fences using prefabricated panel-like elements, e.g. panels or wired panels with or without frame, with cross members, fitted in grooves of posts;

Corrals;

Posts for frames and anchoring means therefore;

Connections for attaching additional wire to frames, posts or railings

References relevant to classification in this group

This subclass/group does not cover:

Removable non-load-bearing partitions	E04B 2/74
Arrangements for absorbing or reflecting air-transmitted noise from road or railway traffic	E01F 8/00
Handrails, balusters	E04F 11/00
Devices for fastening or securing general constructional elements or machine parts together	F16B

Informative references

Attention is drawn to the following places, which may be of interest for search:

Arrangements for obstructing or restricting traffic	E01F 13/00
Safety devices for pool	E04H 4/06
Sockets for posts entering the ground	E04H 12/22

Special rules of classification within this group

See [E04H 2017/006](#) to classify the caps for posts, [E04H 2017/1447](#) to [E04H 2017/1486](#) to classify the different details of the connections between rails and posts, [E04H 2017/1495](#) to classify the fences with pivotable slats for reduced wind resistance or for adjusting visibility

E04H 17/26

Devices for erecting or removing fences[N: (hand-operated hammers having the impact head in form of a sleeve slidable on a shaft [B25D 1/16](#))]

Definition statement

This subclass/group covers:

Devices for post and wire handling, e.g. for erecting, for removing posts or for stretching or winding wire or wire mesh;

Hand tools for winding fences, e.g. tying or splicing tools

References relevant to classification in this group

This subclass/group does not cover:

Hand-operated hammers having the impact head in form of a sleeve slidable on a shaft	B25D 1/16
Devices for lifting or lowering bulky or heavy goods	B66F
Pile driving	E02D 7/00
Removing sheets piles bulkheads, piles, mould-pipes or other moulds	E02D 9/00