CPC COOPERATIVE PATENT CLASSIFICATION

E FIXED CONSTRUCTIONS

BUILDING

E04 BUILDING

E04H BUILDINGS OR LIKE STRUCTURES FOR PARTICULAR PURPOSES; SWIMMING OR SPLASH BATHS OR POOLS; MASTS; FENCING; TENTS OR CANOPIES, IN GENERAL (foundations E02D)

NOTES

- 1. This subclass deals primarily with the layout of buildings as a whole, but includes details which are peculiar to types of buildings or buildings for special purposes, specified in the groups. The word "buildings" does not exclude engineering structures and other constructions
- This subclass provides for canopies in general and for canopies similar in construction to tents. For canopies having special application, see the relevant class, e.g. bed canopies <u>A47C 29/00</u>; protecting chairs against the weather <u>A47C 7/66</u>; sunshades or awnings for buildings <u>E04F 10/00</u>
- 3. In this subclass, the term "tent" means a tent or canopy having a supporting means, e.g. frame and a flexible cover

WARNINGS

1/1261 . . . {Cubicles for fire-protection}

1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:

E04H 4/02 covered by <u>E04H 4/0018, E04H 4/0075</u> E04H 4/04 covered by <u>E04H 4/0018, E04H 4/0075</u>

2. {In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.}

1/00	Buildings or groups of buildings for dwelling or	1/1266	• • • {Cubicles for dressing; Toilets}
	office purposes; General layout, e.g. modular co-	1/1272	• • {Exhibition stands}
	ordination or staggered storeys (E04H 3/00 takes	1/1277	• • {Shelters for decontamination}
	precedence)	2001/1283	• • {Small buildings of the ISO containers type}
1/005	• {Modulation co-ordination}	2001/1288	• • {Sauna cabins}
1/02	 Dwelling houses; Buildings for temporary 	2001/1294	• • {Booths for smoking}
	habitation, {e.g. summer houses}(small erections	1/14	Telephone cabinets
	for limited occupation <u>E04H 1/12</u> {; collapsible,		•
	erectable or rotatable buildings <u>E04B 1/343</u> })	3/00	Buildings or groups of buildings for public or
1/04	Apartment houses arranged in two or more levels		similar purposes; Institutions, e.g. infirmaries or
1/06	• Office buildings; Banks (<u>E04H 1/12</u> takes	2/02	prisons
	precedence)	3/02	• Hotels; Motels; Coffee-houses; Restaurants; Shops;
1/12	Small buildings or other erections for limited	3/04	Department stores
	occupation, erected in the open air or arranged in	3/04	Restaurants or shops having arrangements for self-service
	buildings, e.g. kiosks, waiting shelters for bus stops or for filling stations, roofs for railway platforms,	3/06	Museums; Library buildings
	watchmen's huts or dressing cubicles	3/08	 Museums, Elorary bundings Hospitals, infirmaries, or the like; Schools; Prisons
1/1205	Small buildings erected in the open air	3/10	 Frospitals, infilmaties, of the fike, Schools, Filsons for meetings, entertainments, or sports
1/1203	(E04H 1/1272 takes precedence)	3/10	 Tribunes, grandstands or terraces for spectators
1/1211	• • {Waiting shelters for bus stops}	3/123	
1/1211	{Public W.C.s}		{Telescopic grandstands}
1/1210	{Sales kiosks}	3/126	• • (Foldable, retractable or tiltable tribunes
1/1227	{Traffic control kiosks}	3/14	(E04H 3/123 takes precedence)} . Gymnasiums; Other sporting buildings
1/1237	{Shelters for filling stations}		
1/1233	Shelters for engines, e.g. electrical meter	2003/142	• • {with vertically movable or tiltable playing field or sections}
1/1236	housings}	2003/145	• • { with reconfigurable seating arrangement }
1/1244	• • {Dressing or beach cabins}	2003/143	{with reconfigurable seating arrangement} {using horizontally movable sections of
1/1244	Small buildings, arranged in other buildings	2003/14/	tribunes}
1/123	(E04H 1/1272 takes precedence)	3/16	• • • for swimming
1/1255	• • {Voting booths}	3/165	• • • {having movable parts}
1/1233	· · · (voting bootins)	3/103	· · · · maving movable parts;

3/22	Theatres; Concert halls; Studios for broadcasting, cinematography, television or similar purposes	4/1281	• • {Devices for distributing chemical products in the water of swimming pools}
2/24		4/120	
3/24	Constructional features of stages	4/129	{Systems for heating the water content of swimming pools (solar collectors using pools
3/26	Revolving stages; Stages able to be lowered		F24S 10/17, F24S 10/10; by solar radiation
3/28	Shiftable or portable platforms		F24S 20/02)}
3/30	Constructional features of auditoriums	4/14	
4/00	Swimming or splash baths or pools	4/14	 Parts, details or accessories not otherwise provided for
4/0006	• {Devices for producing waves in swimming pools	4/1.41	
4/0000	(generating current of water in swimming pools	4/141	• • {Coping elements for swimming pools}
	A63B 69/125)}	4/142	• • • {with fixing means for sealing foil}
4/0012	• {Floating swimming pools}	4/143	• • {Swimming lane markers with or without wave
4/0012	• {Floating swimming pools} • {Easily movable or transportable swimming pools}		suppressors}
		4/144	• • {Means for facilitating access, e.g. step units or
4/0025	• {with inflatable parts}		slides (invalid-lifting devices for swimming pools
4/0031	• • {with shell type elements}		<u>A61G 7/1005</u>)}
4/0037	• • • {Mono-shell type}	4/145	• • {Dividing means for swimming pools, e.g. panels,
4/0043	• • {mainly made of panels (<u>E04H 4/0031</u> takes		bulkheads}
	precedence)}	2004/146	• • {Fixing of liners}
4/005	• • • {characterised by the framework for supporting	2004/147	• • • {the liner edge being held in a slot}
	the panels}	4/148	• • {Lighting means}
4/0056	• • {with a framework combined with a water	4/16	specially adapted for cleaning
	retaining bag}	4/1609	• • • {Hand-held strainers, non-powered brushes or
4/0062	 {characterised by stacked planks or staves} 		scrubbers}
2004/0068	{made of plastic shells or plastic elements	4/1618	{Hand-held powered cleaners}
	including at least parts of walls and floors}	4/1627	· · · {Powered gutter cleaners}
4/0075	• {made of concrete (E04H 4/0012 takes	4/1636	{Suction cleaners}
	precedence)}	4/1645	{Connections to the pool water circulation
4/0081	• {with walls and floor cast <u>in situ</u> }	4/1043	system}
4/0087	• • { with walls prefabricated and floor cast in situ}	4/1654	•
4/0093	• {with walls and floor prefabricated}		{Self-propelled cleaners}
4/06	Safety devices; Coverings for baths	4/1663	{the propulsion resulting from an
4/065	Floors adjustable in height}		intermittent interruption of the waterflow through the cleaner}
4/08	Coverings consisting of rigid elements {, e.g.	4/1670	
4/08	coverings consisting of rigid elements {, e.g. coverings composed of separate or connected elements}	4/1672	• • • {Connections to the pool water circulation system}
4/082	• • {composed of flexibly or hingedly-connected	4/1681	{Cleaning whips}
4/062	slat-like elements, which may or may not be	4/169	· · · {Pool nozzles}
	wound-up on a fixed axis (E04H 4/088 takes precedence)}	5/00	Buildings or groups of buildings for industrial or agricultural purposes
4/084	• • { with lifting mechanism}	2005/005	• {Buildings for data processing centers}
4/086	{Sliding covers (<u>E04H 4/084</u> and <u>E04H 4/088</u>	5/02	Buildings or groups of buildings for industrial
4/000	take precedence)}	2.0_	purposes, e.g. for power-plants or factories
4/088	• • {Covers made in concertina folds}		(buildings forming part of cooling plants
			E04H 5/10)
4/10	Coverings of flexible material	5/04	Transformer houses; Substations or switchgear
4/101	• • • {wound-up on a fixed axis}		houses
4/103	• • • {with inflatable chambers}	5/06	Pits or building structures for inspection or
4/105	• • • {supported by air pressure under the cover}	2,00	services
4/106	• • • {supported by separate buoyant bodies}	5/08	Buildings or groups of buildings for agricultural
4/108	• • { supported by frames }	2,00	purposes (silos <u>E04H 7/22</u>)
4/12	• Devices or arrangements for circulating water {,	5/10	Buildings forming part of cooling plants
	i.e. devices for removal of polluted water, cleaning	5/12	Cooling towers
	baths or for water treatment}	3/12	· · Cooling towers
4/1209	• • {Treatment of water for swimming pools (filters B01D)}	6/00	Buildings for parking cars, rolling-stock, aircraft, vessels or like vehicles, e.g. garages
4/1218	{Devices for removal of polluted water;	6/005	• {Garages for vehicles on two wheels}
	Circumferential gutters}	6/02	• Small garages, e.g. for one or two cars (attached to,
4/1227	{Circumferential gutters}	~. ~ -	or supported by, the vehicle <u>B62D</u>)
4/1236	• • {Bottom drains}	6/025	• • {in the form of an overhead canopy, e.g. carports}
4/1245	• • {Recirculating pumps for swimming pool	6/04	 wheeled, hinged, foldable, telescopic, swinging or
12 13	water}	0, 0 -1	otherwise movable
4/1254	• • {Arm-mounted debris traps or flow diverters}	6/06	• with means for shifting or lifting vehicles
4/1263	{Floating skimmers}	6/065	 (using tiltable floors or ramps (in garages for
4/1272	{Skimmers integrated in the pool wall}	0/003	many vehicles <u>E04H 6/26</u>)}
7/12/2	• • • (Skilling) integrated in the poor wair;		many venicies Lotti 0/20/5

6/08	. Garages for many vehicles	6/38	characterised by use of tiltable floors or floor
6/10	without mechanical means for shifting or lifting	0/38	sections
0/10	vehicles, e.g. with helically-arranged fixed ramps, with movable ramps	6/40	characterised by use of turntables or rotary rings
6/12	with mechanical means for shifting or lifting	6/42	Devices or arrangements peculiar to garages, not
	vehicles		covered elsewhere, e.g. securing devices, safety
6/14	• • • with endless conveyor chains having load-		devices {, monitoring and operating schemes;
	carrying parts moving vertically, e.g.	6/422	centering devices}
	paternoster lifts {also similar transport in which cells are continuously mechanically linked	6/422 6/424	• • {Automatically operated car-parks}
	together}		{Positioning devices}
6/16	Garages shaped as a wheel or drum rotatable	6/426 6/428	• { Parking guides }
0/10	about a horizontal axis	0/428	 { Devices for collecting oil or other fluids under parked cars (servicing, maintaining, repairing or
6/18	with means for transport in vertical direction		refitting of vehicles <u>B60S 5/00</u>)}
	only or independently in vertical and horizontal	6/44	• for storing aircraft
	directions (E04H 6/14 takes precedence)		
6/181	• • • { the cars rolling freely from the transfer	7/00	Construction or assembling of bulk storage
	means (E04H 6/282 takes precedence)}		containers employing civil engineering techniques
6/182	• • • { using car-gripping transfer means		in situ or off the site (tower aspects <u>E04H 12/00</u> ; storage aspects, e.g. floating roofs, sealing means,
	($\underline{E04H 6/285}$ takes precedence)}		filling or discharging means <u>B65D</u> , <u>B65G</u> , <u>F17B</u> ,
6/183	• • • • { without transverse movement of the car		F17C; foundations E02D 27/38)
-40=	after leaving the transfer means}	7/02	• Containers for fluids or gases; Supports therefor
6/185	• • • • {using comb-type transfer means	7/04	mainly of metal
C/19C	(E04H 6/287 takes precedence)	7/06	with vertical axis
6/186	• • • • {without transverse movement of the car after leaving the transfer means}	7/065	· · · · {roof constructions}
6/187	• • • { using vertical parking loops}	7/14	ball-shaped
6/188	• • • {using vertical parking loops} • • • {using only vertical transport means}	7/16	• • • with horizontal axis
6/20	characterised by use of conveyor chains or	7/18	• • mainly of concrete, e.g. reinforced concrete, or
0/20	rotatable rollers for horizontal transport		other stone-like material
6/22	characterised by use of movable platforms	7/20	Prestressed constructions
	for horizontal transport {, i.e. cars being	7/22	 Containers for fluent solids, e.g. silos, bunkers;
	permanently parked on palettes}		Supports therefor
6/225	• • • • { without transverse movement of the	2007/225	• • {Silos with retaining wall type wall elements, e.g.
	parking palette after leaving the transfer		trench silos}
- 12.1	means}	7/24	Constructions, with or without perforated walls,
6/24	characterised by use of dollies for horizontal		depending on the use of specified materials
	tunnament (i.e. some being mammanantly)	7/26	mainly of concrete, e.g. reinforced concrete or
	transport {, i.e. cars being permanently	7/26	
6/245	parked on wheeled platforms}		other stone-like materials
6/245	parked on wheeled platforms} {without transverse movement of the	7/28	other stone-like materials composed of special building elements
6/245	parked on wheeled platforms} {without transverse movement of the wheeled parking platform after leaving the	7/28 7/30	other stone-like materials composed of special building elements mainly of metal
6/245	parked on wheeled platforms} {without transverse movement of the wheeled parking platform after leaving the transfer means}	7/28 7/30 7/32	other stone-like materials composed of special building elements mainly of metal mainly of wood
	parked on wheeled platforms} {without transverse movement of the wheeled parking platform after leaving the	7/28 7/30	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters
	parked on wheeled platforms} {without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps	7/28 7/30 7/32	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection
	parked on wheeled platforms} {without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary	7/28 7/30 7/32	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like
6/26	parked on wheeled platforms} { without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport	7/28 7/30 7/32	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation
6/26	parked on wheeled platforms} { without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport { turntables, rotary elevators or the like	7/28 7/30 7/32 9/00	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects EO2D)
6/26	parked on wheeled platforms} { without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport { turntables, rotary elevators or the like on which the cars are not permanently	7/28 7/30 7/32	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects EO2D) . withstanding earthquake or sinking of ground
6/26 6/28 6/282	parked on wheeled platforms} { without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport { turntables, rotary elevators or the like on which the cars are not permanently parked }	7/28 7/30 7/32 9/00	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects E02D) . withstanding earthquake or sinking of ground (foundations E02D 27/34)
6/26 6/28 6/282 6/285	parked on wheeled platforms} { without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport { turntables, rotary elevators or the like on which the cars are not permanently parked} { using car-gripping transfer means}	7/28 7/30 7/32 9/00	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects EO2D) . withstanding earthquake or sinking of ground
6/26 6/28 6/282 6/285 6/287	parked on wheeled platforms} {without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport {turntables, rotary elevators or the like on which the cars are not permanently parked} {using car-gripping transfer means} {using comb-type transfer means}	7/28 7/30 7/32 9/00	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects E02D) . withstanding earthquake or sinking of ground (foundations E02D 27/34) {Bearing, supporting or connecting constructions
6/26 6/28 6/282 6/285	parked on wheeled platforms} {without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport {turntables, rotary elevators or the like on which the cars are not permanently parked} {using car-gripping transfer means} with means for transport in horizontal direction	7/28 7/30 7/32 9/00 9/02	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects E02D) . withstanding earthquake or sinking of ground (foundations E02D 27/34) . {Bearing, supporting or connecting constructions specially adapted for such buildings} {involving active or passive dynamic mass damping systems}
6/26 6/28 6/282 6/285 6/287 6/30	parked on wheeled platforms} { without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport { turntables, rotary elevators or the like on which the cars are not permanently parked} { using car-gripping transfer means} with means for transport in horizontal direction only	7/28 7/30 7/32 9/00 9/02	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects E02D) . withstanding earthquake or sinking of ground (foundations E02D 27/34) . {Bearing, supporting or connecting constructions specially adapted for such buildings} {involving active or passive dynamic mass damping systems} {and comprising laminated structures of
6/26 6/28 6/282 6/285 6/287	parked on wheeled platforms} {without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport {turntables, rotary elevators or the like on which the cars are not permanently parked} {using car-gripping transfer means} with means for transport in horizontal direction	7/28 7/30 7/32 9/00 9/02 9/021 9/0215 9/022	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects E02D) . withstanding earthquake or sinking of ground (foundations E02D 27/34) . {Bearing, supporting or connecting constructions specially adapted for such buildings} {involving active or passive dynamic mass damping systems} {and comprising laminated structures of alternating elastomeric and rigid layers}
6/26 6/28 6/282 6/285 6/287 6/30	parked on wheeled platforms} { without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport { turntables, rotary elevators or the like on which the cars are not permanently parked} { using car-gripping transfer means} { using comb-type transfer means} with means for transport in horizontal direction only { the cars rolling freely from the transfer	7/28 7/30 7/32 9/00 9/02 9/021 9/0215	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects E02D) . withstanding earthquake or sinking of ground (foundations E02D 27/34) . {Bearing, supporting or connecting constructions specially adapted for such buildings} {involving active or passive dynamic mass damping systems} {and comprising laminated structures of alternating elastomeric and rigid layers} {and comprising rolling elements, e.g. balls,
6/26 6/28 6/282 6/285 6/287 6/30 6/302	parked on wheeled platforms} {without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport {turntables, rotary elevators or the like on which the cars are not permanently parked} {using car-gripping transfer means} {using comb-type transfer means} with means for transport in horizontal direction only {the cars rolling freely from the transfer means}	7/28 7/30 7/32 9/00 9/02 9/021 9/022 9/023	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects E02D) . withstanding earthquake or sinking of ground (foundations E02D 27/34) {Bearing, supporting or connecting constructions specially adapted for such buildings} {involving active or passive dynamic mass damping systems} {and comprising laminated structures of alternating elastomeric and rigid layers} {and comprising rolling elements, e.g. balls, pins}
6/26 6/28 6/282 6/285 6/287 6/30 6/302 6/305	parked on wheeled platforms} { without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport { turntables, rotary elevators or the like on which the cars are not permanently parked} { using car-gripping transfer means} { using comb-type transfer means} with means for transport in horizontal direction only { the cars rolling freely from the transfer means} { using car-gripping transfer means}	7/28 7/30 7/32 9/00 9/02 9/021 9/0215 9/022	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects E02D) . withstanding earthquake or sinking of ground (foundations E02D 27/34) . {Bearing, supporting or connecting constructions specially adapted for such buildings} {involving active or passive dynamic mass damping systems} {and comprising laminated structures of alternating elastomeric and rigid layers} {and comprising rolling elements, e.g. balls, pins} {Anti-seismic devices with hydraulic or
6/26 6/28 6/282 6/285 6/287 6/30 6/302 6/305 6/307	parked on wheeled platforms} { without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport { turntables, rotary elevators or the like on which the cars are not permanently parked} { using car-gripping transfer means} with means for transport in horizontal direction only { the cars rolling freely from the transfer means} { using comb-type transfer means} { using car-gripping transfer means}	7/28 7/30 7/32 9/00 9/02 9/021 9/0215 9/022 9/023 9/0235	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects E02D) . withstanding earthquake or sinking of ground (foundations E02D 27/34) {Bearing, supporting or connecting constructions specially adapted for such buildings} {involving active or passive dynamic mass damping systems} {and comprising laminated structures of alternating elastomeric and rigid layers} {and comprising rolling elements, e.g. balls, pins} {Anti-seismic devices with hydraulic or pneumatic damping}
6/26 6/28 6/282 6/285 6/287 6/30 6/302 6/305 6/307	parked on wheeled platforms} {without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport {turntables, rotary elevators or the like on which the cars are not permanently parked} {using car-gripping transfer means} {using comb-type transfer means} with means for transport in horizontal direction only {tusing car-gripping transfer means} {using car-gripping transfer means} {using comb-type transfer means} {using comb-type transfer means}	7/28 7/30 7/32 9/00 9/02 9/021 9/0215 9/022 9/023 9/0235 9/0237	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects E02D) . withstanding earthquake or sinking of ground (foundations E02D 27/34) {Bearing, supporting or connecting constructions specially adapted for such buildings} {involving active or passive dynamic mass damping systems} {and comprising laminated structures of alternating elastomeric and rigid layers} {and comprising rolling elements, e.g. balls, pins} {Anti-seismic devices with hydraulic or pneumatic damping} {Structural braces with damping devices}
6/26 6/28 6/282 6/285 6/287 6/30 6/302 6/305 6/307 6/32	parked on wheeled platforms} { without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport { turntables, rotary elevators or the like on which the cars are not permanently parked} { using car-gripping transfer means} { using comb-type transfer means} with means for transport in horizontal direction only { the cars rolling freely from the transfer means} { using comb-type transfer means} characterised by use of conveyor chains or rotatable rollers characterised by use of freely-movable	7/28 7/30 7/32 9/00 9/02 9/021 9/022 9/023 9/0235 9/0237 9/024	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects E02D) . withstanding earthquake or sinking of ground (foundations E02D 27/34) {Bearing, supporting or connecting constructions specially adapted for such buildings} {involving active or passive dynamic mass damping systems} {and comprising laminated structures of alternating elastomeric and rigid layers} {and comprising rolling elements, e.g. balls, pins} {Anti-seismic devices with hydraulic or pneumatic damping} {Structural braces with damping devices} {Structures with steel columns and beams}
6/26 6/28 6/282 6/285 6/287 6/30 6/302 6/305 6/307 6/32 6/34	parked on wheeled platforms} {without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport {turntables, rotary elevators or the like on which the cars are not permanently parked} {using car-gripping transfer means} {using comb-type transfer means} with means for transport in horizontal direction only {tusing car-gripping transfer means} {using car-gripping transfer means} {using comb-type transfer means} {using comb-type transfer means}	7/28 7/30 7/32 9/00 9/02 9/021 9/0215 9/022 9/0235 9/0237 9/024 9/025	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects E02D) . withstanding earthquake or sinking of ground (foundations E02D 27/34) . {Bearing, supporting or connecting constructions specially adapted for such buildings} {involving active or passive dynamic mass damping systems} {and comprising laminated structures of alternating elastomeric and rigid layers} {and comprising rolling elements, e.g. balls, pins} {Anti-seismic devices with hydraulic or pneumatic damping} {Structural braces with damping devices} . {Structures with steel columns and beams} . {Structures with concrete columns}
6/26 6/28 6/282 6/285 6/287 6/30 6/302 6/305 6/307 6/32 6/34	parked on wheeled platforms} { without transverse movement of the wheeled parking platform after leaving the transfer means} characterised by use of tiltable floors or floor sections; characterised by use of movable ramps characterised by use of turntables or rotary rings for horizontal transport { turntables, rotary elevators or the like on which the cars are not permanently parked} { using car-gripping transfer means} { using comb-type transfer means} with means for transport in horizontal direction only { the cars rolling freely from the transfer means} { using comb-type transfer means} characterised by use of conveyor chains or rotatable rollers characterised by use of freely-movable	7/28 7/30 7/32 9/00 9/02 9/021 9/022 9/023 9/0235 9/0237 9/024	other stone-like materials composed of special building elements mainly of metal mainly of wood Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate (foundation aspects E02D) . withstanding earthquake or sinking of ground (foundations E02D 27/34) {Bearing, supporting or connecting constructions specially adapted for such buildings} {involving active or passive dynamic mass damping systems} {and comprising laminated structures of alternating elastomeric and rigid layers} {and comprising rolling elements, e.g. balls, pins} {Anti-seismic devices with hydraulic or pneumatic damping} {Structural braces with damping devices} {Structures with steel columns and beams}

9/028	• • {Earthquake withstanding shelters}	12/2276	• • • {Clamping poles or posts on a stub
9/028	 • {Earthquake withstanding sherters} • • {arranged inside of buildings (<u>E04H 9/06</u> takes 	12/22/0	(E04H 12/2269 takes precedence)
	precedence)}	12/2284	• • {Means for adjusting the orientation of the post or
9/04	 against air-raid or other war-like actions 		pole}
9/06	Structures arranged in or forming part of buildings	12/2292	• • {Holders used for protection, repair or reinforcement of the post or pole (<u>E04H 12/2276</u>
9/08	Structures arranged underneath buildings, e.g. air-raid shelters	12/24	takes precedence)} . Cross arms
9/10	Independent shelters; Arrangement of	12/26	• Winding towers for mines
9/12	independent splinter-proof wallsentirely underneath the level of the ground, e.g.	12/28	• Chimney stacks, e.g. free-standing, or similar ducts (chimneys as part of buildings <u>E04F 17/02</u>)
	air-raid galleries	12/30	• Water-towers
9/14	· against other dangerous influences, e.g. tornadoes,	12/32	• Flagpoles
9/145	floods • {Floods (protecting building openings	12/34	 Arrangements for erecting or lowering towers, masts, poles, chimney stacks, or the like
9/16	E06B 9/00)} • against adverse conditions, e.g. extreme climate,	12/341	• • {Arrangements for casting <u>in situ</u> concrete towers or the like}
9/10	pests	12/342	• • {Arrangements for stacking tower sections on top
	•	12/342	of each other (E04H 12/344 takes precedence)
12/00	Towers; Masts or poles; Chimney stacks; Water- towers; Methods of erecting such structures	12/344	• • {Arrangements for lifting tower sections for
	(cooling towers <u>E04H 5/12</u> ; derricks for oil drilling	12/345	placing additional sections under them} {Arrangements for tilting up whole structures or
12/003	E21B 15/00) • {Access covers or locks therefor}	12/343	sections thereof (E04H 12/347 takes precedence))
2012/006	Structures with truss-like sections combined with	12/347	• • {Arrangements for setting poles in the ground}
2012/000	tubular-like sections}	12/348	{Arrangements for demolition towers or the like}
12/02	Structures made of specified materials	13/00	Monuments; Tombs; Burial vaults; Columbaria
12/04	of wood	13/001	• {Accessories for grave sites, e.g. liners, covers,
12/06	Truss-like structures		vault lowering devices (E04H 13/003 takes
12/08	of metal		precedence)}
12/085	• • • {Details of flanges for tubular masts}	13/003	• {Funeral monuments, grave sites curbing or markers
12/10	Truss-like structures		not making part of vaults (E04H 13/008 takes
12/12	of concrete or other stone-like material, with		precedence)}
	or without internal or external reinforcements,	13/005	• {Ventilation systems therefor}
	e.g. with metal coverings, with permanent form elements	13/006	 {Columbaria, mausoleum with frontal access to vaults}
12/14	Truss-like structures	13/008	• {Memorials for cremation ashes (<u>E04H 13/006</u>
12/16	Prestressed structures		takes precedence)}
12/18	 movable or with movable sections, e.g. rotatable or telescopic 	14/00	Buildings for combinations of different purposes
12/182	• • {telescopic (locking of telescopic systems in		not covered by any single one of main groups
	general <u>F16B 7/10</u>)}		E04H 1/00-E04H 13/00 of this subclass, e.g. for double purpose (E04H 3/02, E04H 9/06 take
12/185	{with identical elements}		precedence); Buildings of the drive-in type
12/187	• • {with hinged sections}		precedence), Buildings of the drive in type
12/20	. Side-supporting means therefor, e.g. using guy	15/00	Tents or canopies, in general
	ropes or struts	15/001	• {Hunting, fishing huts or the like}
12/22	 Sockets or holders for poles or posts {(for sports 	15/003	• {Bathing or beach cabins}
	articles, e.g. floor sockets <u>A63B 71/023</u> ; for road signs <u>E01F 9/673</u>)}	15/005	 {Wind breakers, i.e. fabric stretched between posts anchored in the ground}
12/2207	· · {not used}	15/006	• {Tents used as toys}
12/2215	• • • {driven into the ground (ground anchors E02D 5/80)}	15/008	• {Tents or tent-like constructions composed partially of rigid panels (E04H 15/06 takes precedence;
12/2223	• • • {by screwing}		trailer-type vehicles or caravans with foldable
12/223	• • • {with movable anchoring elements; with		or readily disassembled living accommodation
12,223	separately driven anchor rods}	4.7.00	comprising flexible elements <u>B60P 3/341</u>)}
12/2238	• • {to be placed on the ground (Christmas tree stands A47G 33/12)}	15/02	 Tents combined or specially associated with other devices
12/2246	• • • {filled with water, sand or the like}	15/04	• suspended type, e.g. from trees or from cantilever
12/2253	• • {Mounting poles or posts to the holder		supports
	(E04H 12/2284 takes precedence; break-away	15/06	. Tents at least partially supported by vehicles
	mountings <u>E01F 9/631</u>)}	15/08	Trailer awnings or the like
12/2261	• • • {on a flat base (<u>E04H 12/08</u> , <u>E04H 12/10</u> take	15/10	Heating, lighting or ventilating
	precedence)}	15/12	Heating
12/2269	{in a socket}	15/14	Ventilating

15/16	of tent roofs	15/642	• • • { with covers held by elongated fixing members
15/18	 Tents having plural sectional covers, e.g. pavilions, 	13/042	locking in longitudinal recesses of a frame
13/16	vaulted tents, marquees, circus tents (inflatable	15/644	{the fixing members being a beading}
	E04H 15/20); Plural tents, e.g. modular	15/646	{the fixing members being locked by an
15/20	• inflatable, e.g. shaped, strengthened or supported by	13/040	additional locking member}
13/20	fluid pressure	15/648	{the longitudinal recesses being made from
2015/201	• • {with inflatable tubular framework, with or	13/040	two clamping members}
	without tent cover}		
2015/202	• • {with inflatable panels, without inflatable tubular	17/00	Fencing, e.g. fences, enclosures, corrals (features
	framework}		peculiar to electrified fences A01K 3/00, H05C;
2015/203	{supported by a non-inflatable structure or		means for allowing passage through fences, barriers,
	framework}	17/003	or the like E06B 11/00)
2015/204	• • • {made from contiguous inflatable tubes}		• {Anti-climbing devices, e.g. fixed spikes}
2015/205	• {made from two sheets with intermediate	17/004	• • {Unstable, e.g. rotatory or resiliently mounted fence panels, spikes}
	spacer means}	17/006	• {Caps or covers for posts}
2015/206	• • {Details of inflation devices, e.g. valves,	17/000	{Caps of covers for posts}{Footing elements for fence posts or fence sections}
	connections to fluid pressure source}	17/003	{Footing elements for fence posts of fence sections}{in combination with gates}
2015/207	• • {Tents specially designed for insulation}	17/013	• {Fencing provided with electric elements or
2015/208	• • {with inflatable mattresses}	17/017	components, e.g. fencing member or component,
2015/209	• • {Structures with a netting or similar for		such as fence strands, post, panel or rail, provided
1 7 /00	anchorage}		with electric elements or components}
15/22	• supported by air pressure inside the tent		
15/24	• cone shaped, e.g. teepees		NOTE
15/26	• Centre-pole supported tents (umbrella-type		{When classifying in this group, aspects of
1.7./20	<u>E04H 15/28</u>)		electrified wire fencing for animal pasturing
15/28	• Umbrella type tents		should also be classified in group A01K 3/005}
15/30	convertible, e.g. from one type tent to another type	17/02	• Wire fencing, e.g. made of wire mesh (E04H 17/14
	tent, from tent to canopy or from tent cover into diverse articles		takes precedence)
15/32	 Parts, components, construction details, accessories, 	17/04	characterised by the use of specially adapted wire,
13/32	interior equipment, specially adapted for tents, e.g.		e.g. barbed wire {, wire mesh, toothed strip or the
	guy-line equipment, skirts, thresholds		like; Coupling means therefor}
15/322	• • {Stretching devices}	17/045	• • • {Barbed wire or toothed strip}
15/324	• • {Beds constituted by the tent supporting means	17/05	• • • {Wire mesh or wire fabric}
	(beds per se, A47C)}	17/055	• • {Pickets for wire fencing}
2015/326	• • {Frame members connected by elastic cord}	17/06	• Parts for wire fences
2015/328	• • {Frames kept erected solely by guy lines}	17/063	• • • {Fence liners; Vegetation prevention barriers}
15/34	Supporting means, e.g. frames	17/066	• • { Slats for chain link fences }
15/36	arch-shaped type (E04H 15/42 takes	17/08	Anchoring means therefor, e.g. specially-
	precedence {; arches connected with lazy-		shaped parts entering the ground; Struts or the
	tongues <u>E04H 15/505</u> })		like
15/38	• • • expansible, e.g. extensible {in a fan type		<u>NOTE</u>
	manner}		Parts entering the ground are classified in
15/40	flexible		E04H 12/22
15/405	• • • • {flexible and foldable}		10 11 15 55
15/42	external type, e.g. frame outside cover	17/10	• characterised by the way of connecting wire to
15/425	• • • {Flexible supporting means}		posts; Droppers
15/44	• • collapsible, e.g. breakdown type (<u>E04H 15/42</u>	17/12	• • • the wire being placed in slots, grooves, or the
. =	takes precedence)		like
15/46	telescoping and foldable	17/124	• • • {connecting by one or more clamps, clips,
15/48	foldable, i.e. having pivoted or hinged means	15/105	screws, wedges or ties}
	$(\{\underline{\text{E04H } 15/405} \text{ and}\} \underline{\text{E04H } 15/46} \text{ takes})$	17/127	• • {Stretcher-type wire fencing; Tensioning devices
15/50	precedence)	17/121	for wire fencing}
15/50 15/505	lazy-tongs type	17/131	 . { the wire being tensioned by one or more springs}
13/303	{characterised by connecting arches with lazy-tongues}	17/133	• {the wire being tensioned by one or more
15/52	• • • • parallelogram type	17/133	winders }
15/54	Covers of tents or canopies	17/135	• • • {winder fixed to post via a bracket}
15/56	Floors	17/139	{winder internal to post via a bracket}
	• • 110015		
15/58	Closures Awnings Sunchades	1//14	- Pences constructed of rigid elements in with
15/58 15/60	Closures; Awnings; Sunshades Poles	17/14	Fences constructed of rigid elements, e.g. with additional wire fillings or with posts
15/60	Poles		additional wire fillings or with posts
		17/14	

4=/4.400		1=100	
17/1408	• • {using woven slats}	17/23	• • {lateral supporting elements, e.g. braces, tie
17/1413	 {Post-and-rail fences, e.g. without vertical cross- members} 	17/24	downs, or cables } Connections for attaching additional wire to
17/1417	• • • {with vertical cross-members}		frames, posts or railings
17/1426	{Picket fences}	17/26	 Devices for erecting or removing fences
17/143	• • • • { with separate pickets attached to the side	17/261	• { for post and wire handling }
	of the horizontal members}	17/263	• • { for erecting posts (pile driving <u>E02D 7/00</u>)}
17/1439	• • • • { with separate pickets going through the	17/265	• • • {for removing posts}
	horizontal members}	17/266	{for stretching or winding wire or wire mesh
17/1445	• • {Fences with pivotable slats for reduced wind resistance or for adjusting visibility}		(stretcher-type wire fencing or tensioning devices for wire fencing <u>E04H 17/127</u>)}
17/1447	Details of connections between rails and	17/268	• • {Hand tools for wiring fences, e.g. tying or
1//144/	posts}	17/200	splicing tools (E04H 17/266 takes precedence)
17/1448	• • • {Adjustable, angled or hinged connections}		spricing tools (<u>E0411 17/200</u> takes precedence))
17/145	• • • {regustable, darged of imaged connections} • • • • {being welded, bonded or deformed in-situ}		
17/1452	{ the ends of the rails are fixed on the lateral		
	sides of the posts}		
17/1456	• • • • { the ends of the rails being located in		
	vertical channels extending along a		
	substantial portion of the length of the		
17/146	post}		
17/146	• • • {the rails being attached to the front faces of		
17/1465	the posts}		
17/1465	through holes of the mosts.		
17/1460	through holes of the posts}		
17/1469	{Snap connections}		
17/1473	• • • {using fixing devices encircling, partially or fully, the post}		
17/1478	• • • { the posts extending through apertures or		
15/1400	cut-outs in the rails}		
17/1482	• • • { the rails being attached to the tops of the		
17/1406	posts}		
17/1486	 {the rails being positioned between the uprights of double posts}		
17/1488	{Brackets for connections between rails and		
1//1400	posts (<u>E04H 17/1448</u> - <u>E04H 17/1486</u> take		
	precedence)}		
17/16	• using prefabricated panel-like elements, e.g.		
17/10	wired frames		
17/1602	• • • {Using wooden, plastic or composite-material		
17/1002	panel-like elements}		
17/161	• • {using wire panels}		
17/163	• • • {using wired panels with frame}		
17/164	{occultation devices therefor, e.g. slats, fence		
17/104	liners or panels blocking view therethrough}		
17/165	{using panels with rigid filling and frame}		
17/166	• • • {with cross-members}		
17/168	 {with cross-members} {using panels fitted in grooves of posts}		
17/17	 tusing panels fitted in grooves of posts; {brackets for the connection between panels 		
1//1/	and posts}		
17/18	• • Corrals, i.e. easily transportable or		
1./10	demountable enclosures		
17/185	• • • {hinged or tied prefabricated panel-like		
17,103	elements}		
17/20	Posts therefor		
17/21	• • { with hollow cross sections }		
17/22	Anchoring means therefor, e.g. specially-		
11/22	shaped parts entering the ground; Struts or the		
	like		
	NOTE		
	HOLL		

Parts entering the ground are classified in $E04H\ 12/22$