

CPC COOPERATIVE PATENT CLASSIFICATION

F16G BELTS, CABLES, OR ROPES, PREDOMINANTLY USED FOR DRIVING PURPOSES; CHAINS; FITTINGS PREDOMINANTLY USED THEREFOR

NOTE

Attention is drawn to the following places:

B63B 21/04	Fastening equipment for chains, ropes or the like for ships
B63B 21/20	Adaptations of chains, ropes or the like for ships
B65G 15/30	Endless conveyor belts
B65G 17/38 , B65G 19/20	Traction chains for conveyors
F16H	Gearings using flexible members
F16H 9/24	Chains specially adapted for gearings with variable ratio
H05F	Preventing or carrying-off electrostatic charges.

1/00	Driving-belts (V-belts F16G 5/00 ; conveyor belt B65G)	3/08	<ul style="list-style-type: none"> consisting of plates and screw-bolts or rivets (F16G 3/06 takes precedence)
1/02	<ul style="list-style-type: none"> made of leather (F16G 1/28 takes precedence; making thereof C14B 9/00 {consisting of several parts F16G 1/22}) 	3/09	<ul style="list-style-type: none"> the plates forming a hinge
1/04	<ul style="list-style-type: none"> made of fibrous material, e.g. textiles, whether rubber-covered or not (F16G 1/28 takes precedence; making thereof D03D {consisting of several parts F16G 1/22}) 	3/10	<ul style="list-style-type: none"> Joining belts by sewing, sticking, vulcanishing, or the like; Constructional adaptations of the belt ends for this purpose
1/06	<ul style="list-style-type: none"> made of rubber (F16G 1/28 takes precedence; making thereof B29D 29/00 {consisting of several parts F16G 1/22}) 	3/12	<ul style="list-style-type: none"> Joining belts by lacing
1/08	<ul style="list-style-type: none"> with reinforcement bonded by the rubber 	3/14	<ul style="list-style-type: none"> with extensible parts; with resilient parts
1/10	<ul style="list-style-type: none"> with textile reinforcement 	3/16	<ul style="list-style-type: none"> Devices or machines for connecting driving-belts or the like
1/12	<ul style="list-style-type: none"> with metal reinforcement 	5/00	V-belts, i.e. belts of tapered cross-section
1/14	<ul style="list-style-type: none"> made of plastics (F16G 1/28 takes precedence; making thereof B29D 29/00 {consisting of several parts F16G 1/22}) 	5/02	<ul style="list-style-type: none"> made of leather (F16G 5/20 takes precedence; {consisting of several parts F16G 5/16})
1/16	<ul style="list-style-type: none"> with reinforcement bonded by the plastic material {making thereof B32B} 	5/04	<ul style="list-style-type: none"> made of rubber (F16G 5/02 takes precedence {consisting of several parts F16G 5/16})
1/18	<ul style="list-style-type: none"> made of wire (making thereof B21F 43/00 {consisting of several parts F16G 1/22}) 	5/06	<ul style="list-style-type: none"> with reinforcement bonded by the rubber
1/20	<ul style="list-style-type: none"> made of a single metal strip (making thereof B21D 53/14) 	5/08	<ul style="list-style-type: none"> with textile reinforcement
1/21	<ul style="list-style-type: none"> built-up from superimposed layers, e.g. zig-zag folded 	5/10	<ul style="list-style-type: none"> with metal reinforcement
1/22	<ul style="list-style-type: none"> consisting of several parts 	5/12	<ul style="list-style-type: none"> made of plastics (F16G 5/20 takes precedence {consisting of several parts F16G 5/16})
1/24	<ul style="list-style-type: none"> in the form of links (in the shape of chain links F16G 13/08) 	5/14	<ul style="list-style-type: none"> with reinforcement bonded by the plastic material
1/26	<ul style="list-style-type: none"> in the form of strips or lamellae 	5/16	<ul style="list-style-type: none"> consisting of several parts
1/28	<ul style="list-style-type: none"> with a contact surface of special shape, e.g. toothed 	5/163	<ul style="list-style-type: none"> {with means allowing lubrication (F16G 5/18 takes precedence)}
3/00	Belt fastenings, e.g. for conveyor belts (for V-belts F16G 7/00)		WARNING
3/003	<ul style="list-style-type: none"> {Apparatus or tools for joining belts (stapler B25C 5/00)} 		<p>this group is not complete pending a reorganisation, see also F16G 5/16</p>
3/006	<ul style="list-style-type: none"> {Traction devices to bring together belts, cables or chains} 	5/18	<ul style="list-style-type: none"> in the form of links
3/02	<ul style="list-style-type: none"> with series of eyes or the like, interposed and linked by a pin to form a hinge (F16G 3/09 takes precedence) 	5/20	<ul style="list-style-type: none"> with a contact surface of special shape, e.g. toothed
3/04	<ul style="list-style-type: none"> in which the ends of separate U-shaped or like eyes are attached to the belt by parts penetrating into it 	5/22	<ul style="list-style-type: none"> built-up from superimposed layers
3/06	<ul style="list-style-type: none"> with outwardly-bent, mutually-connected belt ends 	5/24	<ul style="list-style-type: none"> zig-zag folded
3/07	<ul style="list-style-type: none"> Friction clamps, e.g. of grommet-thimble type 	7/00	V-belt fastenings
		7/02	<ul style="list-style-type: none"> locked, e.g. riveted
		7/04	<ul style="list-style-type: none"> Quickly detachable
		7/06	<ul style="list-style-type: none"> adjustable, e.g. for tension

9/00	Ropes or cables specially adapted for driving, or for being driven by, pulleys or other gearing elements (ropes or cables in general D07B)	11/12	<ul style="list-style-type: none"> Connections or attachments, e.g. turnbuckles, adapted for straining of cables, ropes, or wire (straining wire in general B21F 9/00)
9/02	<ul style="list-style-type: none"> made of leather; having enveloping sheatings made of leather 	11/14	<ul style="list-style-type: none"> Devices or coupling-pieces designed for easy formation of adjustable loops, e.g. choker hooks; Hooks or eyes with integral parts designed to facilitate quick attachment to cables or ropes at any point, e.g. by forming loops (crane hooks B66C 1/34; hooks or eyes in general F16B 45/00)
9/04	<ul style="list-style-type: none"> made of rubber or plastics (F16G 9/02 takes precedence) 	11/143	<ul style="list-style-type: none"> {Hooks} <p><u>WARNING</u></p> <p>This group is not complete pending a reorganisation, see also F16G 11/14</p>
11/00	Means for fastening cables or ropes to one another or to other objects; Caps or sleeves for fixing on cables or ropes (attaching ropes or cables to lift cars or cages B66B 7/08, to winch drums or barrels B66D 1/34; ground anchors E02D 5/00; anchoring devices for prestressed members E04C 5/00; rope clamps in earth drilling E21B 19/12)	11/146	<ul style="list-style-type: none"> {Eyes} <p><u>WARNING</u></p> <p>This group is not complete pending a reorganisation, see also F16G 11/14</p>
11/02	<ul style="list-style-type: none"> with parts deformable to grip the cable or cables; Fastening means which engage a sleeve or the like fixed on the cable 		
11/025	<ul style="list-style-type: none"> {Fastening means which engage a sleeve or the like fixed on the cable, e.g. caps (F16G 11/143 and F16G 11/146 take precedence)} <p><u>WARNING</u></p> <p>this group is not complete pending a reorganisation, see also F16G 11/00</p>		
11/03	<ul style="list-style-type: none"> incorporating resiliently-mounted members for attachment of the cable end 	13/00	Chains (making thereof B21L)
11/04	<ul style="list-style-type: none"> with wedging action, e.g. friction clamps (F16G 11/02, {F16G 11/10} take precedence; {eyes for grommet-thimble type fastenings F16G 11/146}) <p><u>WARNING</u></p> <p>Subgroups of F16G 11/04 pending a reorganisation, see also F16G 11/04</p>	13/02	<ul style="list-style-type: none"> Driving-chains (specially adapted to gearings with variable gear-ratio F16H 9/00)
11/042	<ul style="list-style-type: none"> {using solidifying liquid material forming a wedge} 	13/04	<ul style="list-style-type: none"> Toothed chains
11/044	<ul style="list-style-type: none"> {friction clamps deforming the cable, wire, rope or cord} 	13/06	<ul style="list-style-type: none"> with links connected by parallel driving-pins with or without rollers {so called open links (if the parallel coupling pins have only a joining function - so called closed links - F16G 13/02)}
11/046	<ul style="list-style-type: none"> {by bending the cable around a surface} 	13/07	<ul style="list-style-type: none"> the links being of identical shape, e.g. cranked
11/048	<ul style="list-style-type: none"> {by moving a surface into the cable} 	13/08	<ul style="list-style-type: none"> with links closely interposed on the joint pins (F16G 13/04 takes precedence)
11/05	<ul style="list-style-type: none"> by using conical plugs insertable between the strands 	13/10	<ul style="list-style-type: none"> with universal joints
11/06	<ul style="list-style-type: none"> with laterally-arranged screws (F16G 11/02, F16G 11/04 take precedence) 	13/12	<ul style="list-style-type: none"> Hauling- or hoisting-chains {so called ornamental chains}
11/08	<ul style="list-style-type: none"> Fastenings for securing ends of driving-cables to one another, the fastenings having approximately the same diameter as the cables 	13/14	<ul style="list-style-type: none"> built up from readily-separable links
11/09	<ul style="list-style-type: none"> incorporating hinge joints or pivots for the attachment of the cable ends 	13/16	<ul style="list-style-type: none"> with arrangements for holding electric cables, hoses, or the like
11/10	<ul style="list-style-type: none"> Quick-acting fastenings; Clamps holding in one direction only <p><u>WARNING</u></p> <p>Subgroups of F16G 11/10 pending a reorganisation, see also F16G 11/10</p>	13/18	<ul style="list-style-type: none"> Chains having special overall characteristics
11/101	<ul style="list-style-type: none"> {deforming the cable by moving a part of the fastener} 	13/20	<ul style="list-style-type: none"> stiff; Push-pull chains
11/103	<ul style="list-style-type: none"> {deforming the cable by bending it around or inserting it into the fastener} 	13/22	<ul style="list-style-type: none"> extensible {(not used, see F16G 13/18)}
11/105	<ul style="list-style-type: none"> {Clamps holding in one direction only} 	13/24	<ul style="list-style-type: none"> resilient {(not used, see F16G 13/18)}
11/106	<ul style="list-style-type: none"> {using a toothed surface} 	15/00	Chain couplings, Shackles; Chain joints; Chain links; Chain bushes (making chain elements B21L)
11/108	<ul style="list-style-type: none"> {using a ball or a cylinder} 	15/02	<ul style="list-style-type: none"> for fastening more or less permanently
		15/04	<ul style="list-style-type: none"> Quickly-detachable chain couplings; Shackles {chain links with rapid junction means are classified according to the corresponding kind of chain}
		15/06	<ul style="list-style-type: none"> Shackles designed for attachment by joint pins to chain elements, e.g. D-shackles {so called harp links; the D-chain links are classified according to the corresponding kind of chain}
		15/08	<ul style="list-style-type: none"> Swivels
		15/10	<ul style="list-style-type: none"> Emergency joints or links
		15/12	<ul style="list-style-type: none"> Chain links
		15/14	<ul style="list-style-type: none"> made of sheet metal, e.g. profiled
		17/00	Hooks as integral parts of chains (hooks for cranes B66C 1/34; hooks in general F16B 45/00)