

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	• consisting of plates and screw-bolts or rivets (F16G 3/06 takes precedence)
1/02	• made of leather (F16G 1/28 takes precedence; making thereof C14B 9/00 {consisting of several parts F16G 1/22 })	3/09	• . the plates forming a hinge
1/04	• made of fibrous material, e.g. textiles, whether rubber-convered or not (F16G 1/28 takes precedence; making thereof D03D {consisting of several parts F16G 1/22 })	3/10	• Joining belts by sewing, sticking, vulcanishing, or the like; Constructional adaptations of the belt ends for this purpose
1/06	• made of rubber (F16G 1/28 takes precedence; making thereof B29D 29/00 {consisting of several parts F16G 1/22 })	3/12	• Joining belts by lacing
1/08	• . with reinforcement bonded by the rubber	3/14	• with extensible parts; with resilient parts
1/10	• . . with textile reinforcement	3/16	• Devices or machines for connecting driving-belts or the like
1/12	• . . with metal reinforcement	5/00	V-belts, i.e. belts of tapered cross-section
1/14	• made of plastics (F16G 1/28 takes precedence; making thereof B29D 29/00 {consisting of several parts F16G 1/22 })	5/02	• made of leather (F16G 5/20 takes precedence; {consisting of several parts F16G 5/16 })
1/16	• . with reinforcement bonded by the plastic material {(making thereof B32B)}	5/04	• made of rubber (F16G 5/02 takes precedence {consisting of several parts F16G 5/16 })
1/18	• made of wire (making thereof B21F 43/00 {consisting of several parts F16G 1/22 })	5/06	• . with reinforcement bonded by the rubber
1/20	• made of a single metal strip (making thereof B21D 53/14)	5/08	• . . with textile reinforcement
1/21	• built-un from superimposed layers, e.g. zig-zag folded	5/10	• . . with metal reinforcement
1/22	• consisting of several parts	5/12	• made of plastics (F16G 5/20 takes precedence {consisting of several parts F16G 5/16 })
1/24	• . in the form of links (in the shape of chain links F16G 13/08)	5/14	• . with reinforcement bonded by the plastic material
1/26	• . in the form of strips or lamellae	5/16	• consisting of several parts
1/28	• with a contact surface of special shape, e.g. toothed	5/163	• . {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	• {Apparatus or tools for joining belts (stapler B25C 5/00)}		this group is not complete pending a reorganisation, see also F16G 5/16
3/006	• {Traction devices to bring together belts, cables or chains}	5/18	
3/02	• with series of eyes or the like, interposed and linked by a pin to form a hinge (F16G 3/09 takes precedence)	5/20	• . in the form of links
3/04	• . in which the ends of separate U-shaped or like eyes are attached to the belt by parts penetrating into it	5/22	• with a contact surface of special shape, e.g. toothed
3/06	• with outwardly-bent, mutually-connected belt ends	5/24	• built-up from superimposed layers
3/07	• Friction clamps, e.g. of grommet-thimble type	7/00	• . zig-zag folded
		V-belt fastenings	
		7/02	• locked, e.g. riveted
		7/04	• Quickly detachable
		7/06	• 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	• Connections or attachments, e.g. turnbuckles, adapted for straining of cables, ropes, or wire (straining wire in general B21F 9/00)
9/02	• made of leather; having enveloping sheatings made of leather	11/14	• 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	• made of rubber or plastics (F16G 9/02 takes precedence)	11/143	• . {Hooks} WARNING This group is not complete pending a reorganisation, see also F16G 11/14
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	• . {Eyes} WARNING This group is not complete pending a reorganisation, see also F16G 11/14
11/02	• with parts deformable to grip the cable or cables; Fastening means which engage a sleeve or the like fixed on the cable		
11/025	• . {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)} WARNING this group is not complete pending a reorganisation, see also F16G 11/00		
11/03	• incorporating resiliently-mounted members for attachment of the cable end	13/00	Chains (making thereof B21L)
11/04	• with wedging action, e.g. friction clamps (F16G 11/02 , { F16G 11/10 } take precedence; {eyes for grommet-thimble type fastenings F16G 11/146 }) WARNING Subgroups of F16G 11/04 pending a reorganisation, see also F16G 11/04	13/02	• Driving-chains (specially adapted to gearings with variable gear-ratio F16H 9/00)
11/042	• . {using solidifying liquid material forming a wedge}	13/04	• . Toothed chains
11/044	• . {friction clamps deforming the cable, wire, rope or cord}	13/06	• . 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	• . . {by bending the cable around a surface}	13/07	• . . the links being of identical shape, e.g. cranked
11/048	• . . {by moving a surface into the cable}	13/08	• . with links closely interposed on the joint pins (F16G 13/04 takes precedence)
11/05	• . by using conical plugs insertable between the strands	13/10	• . with universal joints
11/06	• with laterally-arranged screws (F16G 11/02 , F16G 11/04 take precedence)	13/12	• Hauling- or hoisting-chains {so called ornamental chains}
11/08	• Fastenings for securing ends of driving-cables to one another, the fastenings having approximately the same diameter as the cables	13/14	• . built up from readily-separable links
11/09	• . incorporating hinge joints or pivots for the attachment of the cable ends	13/16	• . with arrangements for holding electric cables, hoses, or the like
11/10	• Quick-acting fastenings; Clamps holding in one direction only WARNING Subgroups of F16G 11/10 pending a reorganisation, see also F16G 11/10	13/18	• Chains having special overall characteristics
11/101	• . {deforming the cable by moving a part of the fastener}	13/20	• . stiff; Push-pull chains
11/103	• . {deforming the cable by bending it around or inserting it into the fastener}	13/22	• . extensible {(not used, see F16G 13/18)}
11/105	• . {Clamps holding in one direction only}	13/24	• . . resilient {(not used, see F16G 13/18)}
11/106	• . . {using a toothed surface}	15/00	Chain couplings, Shackles; Chain joints; Chain links; Chain bushes (making chain elements B21L)
11/108	• . . {using a ball or a cylinder}	15/02	• for fastening more or less permanently
		15/04	• Quickly-detachable chain couplings; Shackles {chain links with rapid junction means are classified according to the corresponding kind of chain}
		15/06	• . 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	• Swivels
		15/10	• Emergency joints or links
		15/12	• Chain links
		15/14	• . 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)