F MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

ENGINEERING IN GENERAL

F16 ENGINEERING ELEMENTS AND UNITS; GENERAL MEASURES FOR PRODUCING AND MAINTAINING EFFECTIVE FUNCTIONING OF MACHINES OR INSTALLATIONS; THERMAL INSULATION IN GENERAL

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.

WARNING

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 Driving-belts (V-belts F16G 5/00; conveyor belt B65G)
1/02 . made of leather (F16G 1/28 takes precedence; making thereof C14B 9/00 ; consisting of several parts F16G 1/22))
1/04 . 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))
1/06 . made of rubber (F16G 1/28 takes precedence; making thereof B29D 29/00 (consisting of several parts F16G 1/22))
1/08 . . with reinforcement bonded by the rubber
1/10 . . . with textile reinforcement
1/12 . . . with metal reinforcement
1/14 . . made of plastics (F16G 1/28 takes precedence; making thereof B29D 29/00 (consisting of several parts F16G 1/22))
1/16 . . . with reinforcement bonded by the plastic material (making thereof B32B))
1/18 . . made of wire (making thereof B21E 43/00 ; consisting of several parts F16G 1/22))
1/20 . . made of a single metal strip (making thereof B21D 53/14)
1/21 . . built-up from superimposed layers, e.g. zig-zag folded
1/22 . . consisting of several parts
1/24 . . . in the form of links (in the shape of chain links F16G 13/08)
1/26 . . . in the form of strips or lamellae
1/28 . . . with a contact surface of special shape, e.g. toothed

3/00 Belt fastenings, e.g. for conveyor belts (for V-belts F16G 7/00)
3/003 . . [Apparatus or tools for joining belts (stapler B25C 5/00)]
3/006 . . [Traction devices to bring together belts, cables or chains]
3/02 . . with series of eyes or the like, interposed and linked by a pin to form a hinge (F16G 3/09 takes precedence)
3/04 . . . in which the ends of separate U-shaped or like eyes are attached to the belt by parts penetrating into it
3/06 . . with outwardly-bent, mutually-connected belt ends
3/07 . . Friction clamps, e.g. of grommet-thimble type
3/08 . . consisting of plates and screw-bolts or rivets (F16G 3/06 takes precedence)
3/09 . . . the plates forming a hinge
3/10 . . Joining belts by sewing, sticking, vulcanising, or the like; Constructional adaptations of the belt ends for this purpose
3/12 . . Joining belts by lacing
3/14 . . with extensible parts; with resilient parts
3/16 . . Devices or machines for connecting driving-belts or the like

5/00 V-belts, i.e. belts of tapered cross-section
5/02 . . made of leather (F16G 5/20 takes precedence ; consisting of several parts F16G 5/16))
5/04 . . made of rubber (F16G 5/02 takes precedence (consisting of several parts F16G 5/16))
5/06 . . . with reinforcement bonded by the rubber
5/08 . . . . with textile reinforcement
F16G

5/10 . . . with metal reinforcement
5/12 . made of plastics (F16G 5/20 takes precedence {consisting of several parts F16G 5/16})
5/14 . . with reinforcement bonded by the plastic material
5/16 . consisting of several parts
5/163 . . {with means allowing lubrication (F16G 5/18 takes precedence)}
5/166 . . {with non-metallic rings (F16G 5/18 takes precedence)}
5/18 . . in the form of links
5/20 . . with a contact surface of special shape, e.g. toothed
5/22 . built-up from superimposed layers
5/24 . . zig-zag folded
7/00 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)
9/02 . made of leather; having enveloping sheetings made of leather
9/04 . made of rubber or plastics (F16G 9/02 takes precedence)
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)

11/02 . 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)}
11/03 . incorporating resiliently-mounted members for attachment of the cable end
11/04 . with wedging action, e.g. friction clamps (F16G 11/02, E16G 11/10 take precedence; {eyes for grommet-thimble type fastenings F16G 11/146})
11/042 . . {using solidifying liquid material forming a wedge}
11/044 . . {friction clamps deforming the cable, wire, rope or cord}
11/046 . . . {by bending the cable around a surface}
11/048 . . . {by moving a surface into the cable}
11/05 . . by using conical plugs insertable between the strands
11/06 . with laterally-arranged screws (F16G 11/02, F16G 11/04 take precedence)
11/08 . Fastenings for securing ends of driving-cables to one another, the fastenings having approximately the same diameter as the cables
11/09 . . incorporating hinge joints or pivots for the attachment of the cable ends
11/10 . Quick-acting fastenings; Clamps holding in one direction only
11/101 . . {deforming the cable by moving a part of the fastener}