

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 conveyer belts

[B65G 17/38](#),

[B65G 19/20](#) Traction chains for conveyers

[F16H](#) Gearings using flexible members

[F16H 9/24](#) Chains specially adapted for gearings with variable ratio

[H05F](#) Preventing or carrying-off electrostatic charges.

F16G 1/00**Driving-belts (V-belts [F16G 5/00](#); conveyer belt [B65G](#))****F16G 1/02**

- made of leather ([F16G 1/28](#) takes precedence; making thereof [C14B 9/00](#) {consisting of several parts [F16G 1/22](#)})

F16G 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](#)})

F16G 1/06

- made of rubber ([F16G 1/28](#) takes precedence; making thereof [B29D 29/00](#) {consisting of several parts [F16G 1/22](#)})

F16G 1/08

- .. with reinforcement bonded by the rubber

F16G 1/10

- ... with textile reinforcement

F16G 1/12

- ... with metal reinforcement

F16G 1/14

- made of plastics ([F16G 1/28](#) takes precedence; making thereof [B29D 29/00](#) {consisting of several parts [F16G 1/22](#)})

F16G 1/16

- .. with reinforcement bonded by the plastic material {(making thereof [B32B](#))}

F16G 1/18

- made of wire (making thereof [B21F 43/00](#) {consisting of several parts [F16G 1/22](#)})

F16G 1/20

- made of a single metal strip (making thereof [B21D 53/14](#))

F16G 1/21

- built-un from superimposed layers, e.g. zig-zag folded

F16G 1/22

- consisting of several parts

F16G 1/24

- .. in the form of links (in the shape of chain links [F16G 13/08](#))

F16G 1/26

- .. in the form of strips or lamellae

F16G 1/28

- with a contact surface of special shape, e.g. toothed

F16G 3/00**Belt fastenings, e.g. for conveyer belts (for V-belts [F16G 7/00](#))**

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

F16G 5/00**V-belts, i.e. belts of tapered cross-section**

- F16G 5/02 . made of leather ([F16G 5/20](#) takes precedence; {consisting of several parts [F16G 5/16](#)})
- F16G 5/04 . made of rubber ([F16G 5/02](#) takes precedence {consisting of several parts [F16G 5/16](#)})
- F16G 5/06 . . with reinforcement bonded by the rubber
- F16G 5/08 . . . with textile reinforcement
- F16G 5/10 . . . with metal reinforcement
- F16G 5/12 . made of plastics ([F16G 5/20](#) takes precedence {consisting of several parts [F16G 5/16](#)})
- F16G 5/14 . . with reinforcement bonded by the plastic material
- F16G 5/16 . consisting of several parts
- F16G 5/163 . . {with means allowing lubrication ([F16G 5/18](#) takes precedence)}

WARNING

this group is not complete pending a reorganisation, see also [F16G 5/16](#)

- F16G 5/166 . . {with non-metallic rings ([F16G 5/18](#) takes precedence)}

WARNING

this group is not complete pending a reorganisation, see also [F16G 5/16](#)

- F16G 5/18 . . in the form of links
- F16G 5/20 . with a contact surface of special shape, e.g. toothed
- F16G 5/22 . built-up from superimposed layers
- F16G 5/24 . . zig-zag folded

F16G 7/00**V-belt fastenings**

- F16G 7/02 . locked, e.g. riveted
- F16G 7/04 . Quickly detachable
- F16G 7/06 . adjustable, e.g. for tension

F16G 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](#))

- F16G 9/02 . made of leather; having enveloping sheatings made of leather
- F16G 9/04 . made of rubber or plastics ([F16G 9/02 takes precedence](#))

F16G 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](#))

- F16G 11/02 . with parts deformable to grip the cable or cables; Fastening means which engage a sleeve or the like fixed on the cable
- F16G 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](#)

- F16G 11/03 . incorporating resiliently-mounted members for attachment of the cable end
- F16G 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](#)

- F16G 11/042 . . {using solidifying liquid material forming a wedge}
- F16G 11/044 . . {friction clamps deforming the cable, wire, rope or cord}
- F16G 11/046 . . . {by bending the cable around a surface}
- F16G 11/048 . . . {by moving a surface into the cable}
- F16G 11/05 . . by using conical plugs insertable between the strands
- F16G 11/06 . with laterally-arranged screws ([F16G 11/02](#), [F16G 11/04 take precedence](#))
- F16G 11/08 . Fastenings for securing ends of driving-cables to one another, the fastenings having approximately the same diameter as the cables
- F16G 11/09 . . incorporating hinge joints or pivots for the attachment of the cable ends
- F16G 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](#)

- F16G 11/101 . . {deforming the cable by moving a part of the fastener}
- F16G 11/103 . . {deforming the cable by bending it around or inserting it into the fastener}

- F16G 11/105 .. {Clamps holding in one direction only}
- F16G 11/106 ... {using a toothed surface}
- F16G 11/108 ... {using a ball or a cylinder}
- F16G 11/12 . Connections or attachments, e.g. turnbuckles, adapted for straining of cables, ropes, or wire ([straining wire in general B21F 9/00](#))
- F16G 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](#))
- F16G 11/143 .. {Hooks}

WARNING

This group is not complete pending a reorganisation, see also [F16G 11/14](#)

- F16G 11/146 .. {Eyes}

WARNING

This group is not complete pending a reorganisation, see also [F16G 11/14](#)

F16G 13/00**Chains ([making thereof B21L](#))**

- F16G 13/02 . Driving-chains ([specially adapted to gears with variable gear-ratio F16H 9/00](#))
- F16G 13/04 .. Toothed chains
- F16G 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](#))}
- F16G 13/07 ... the links being of identical shape, e.g. cranked
- F16G 13/08 .. with links closely interposed on the joint pins ([F16G 13/04 takes precedence](#))
- F16G 13/10 .. with universal joints
- F16G 13/12 . Hauling- or hoisting-chains {so called ornamental chains}
- F16G 13/14 .. built up from readily-separable links
- F16G 13/16 .. with arrangements for holding electric cables, hoses, or the like
- F16G 13/18 . Chains having special overall characteristics
- F16G 13/20 .. stiff; Push-pull chains

WARNING

This group is not complete pending a reorganisation, see also [F16G 13/18](#)

- F16G 13/22 .. extensible {(not used, see [F16G 13/18](#))}
- F16G 13/24 ... resilient {(not used, see [F16G 13/18](#))}

F16G 15/00**Chain couplings, Shackles; Chain joints; Chain links; Chain bushes ([making chain elements B21L](#))**

- F16G 15/02 . for fastening more or less permanently

- F16G 15/04
 - . Quickly-detachable chain couplings; Shackles {chain links with rapid junction means are classified according to the corresponding kind of chain}
- F16G 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}
- F16G 15/08
 - . Swivels
- F16G 15/10
 - . Emergency joints or links
- F16G 15/12
 - . Chain links
- F16G 15/14
 - . . made of sheet metal, e.g. profiled
- F16G 17/00
 - Hooks as integral parts of chains** (hooks for cranes [B66C 1/34](#); hooks in general [F16B 45/00](#))