

**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 gearings 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](#))