

ECLA EUROPEAN CLASSIFICATION

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

Note

Attention is drawn to the following places:

B63B21/04	Fastening equipment for chains, ropes or the like for ships
B63B21/20	Adaptations of chains, ropes or the like for ships
B65G15/30	Endless conveyer belts
B65G17/38 ,	
B65G19/20	Traction chains for conveyers
F16H	Gearings using flexible members
F16H9/24	Chains specially adapted for gearings with variable ratio
H05F	Preventing or carrying-off electrostatic charges.

F16G1/00 Driving-belts (V-belts [F16G5/00](#); conveyer belt [B65G](#))

- F16G1/02 . made of leather ([F16G1/28](#) takes precedence; making thereof [C14B9/00](#)) [N: consisting of several parts [F16G1/22](#)]
- F16G1/04 . made of fibrous material, e.g. textiles, whether rubber-covered or not ([F16G1/28](#) takes precedence; making thereof [D03D](#)) [N: consisting of several parts [F16G1/22](#)]
- F16G1/06 . made of rubber ([F16G1/28](#) takes precedence; making thereof [B29D29/00](#)) [N: consisting of several parts [F16G1/22](#)] [[C1110](#)]
- F16G1/08 . . with reinforcement bonded by the rubber
- F16G1/10 . . . with textile reinforcement
- F16G1/12 . . . with metal reinforcement
- F16G1/14 . made of plastics ([F16G1/28](#) takes precedence; making thereof [B29D29/00](#)) [N: consisting of several parts [F16G1/22](#)]
- F16G1/16 . . with reinforcement bonded by the plastic material [N: (making thereof [B32B](#))] [[C9905](#)]
- F16G1/18 . made of wire (making thereof [B21F43/00](#)) [N: consisting of several parts [F16G1/22](#)]
- F16G1/20 . made of a single metal strip (making thereof [B21D53/14](#))
- F16G1/21 . built-un from superimposed layers, e.g. zig-zag folded
- F16G1/22 . consisting of several parts
- F16G1/24 . . in the form of links (in the shape of chain links [F16G13/08](#))
- F16G1/26 . . in the form of strips or lamellae
- F16G1/28 . with a contact surface of special shape, e.g. toothed

- F16G3/00** **Belt fastenings, e.g. for conveyer belts (for V-belts [F16G7/00](#))**
- F16G3/00B . [N: Apparatus or tools for joining belts ([stapler B25C5/00](#))]
- F16G3/00C . [N: Traction devices to bring together belts, cables or chains]
- F16G3/02 . with series of eyes or the like, interposed and linked by a pin to form a hinge ([F16G3/09](#) takes precedence)
- F16G3/04 . . in which the ends of separate U-shaped or like eyes are attached to the belt by parts penetrating into it
- F16G3/06 . with outwardly-bent, mutually-connected belt ends
- F16G3/07 . Friction clamps, e.g. of grommet-thimble type
- F16G3/08 . consisting of plates and screw-bolts or rivets ([F16G3/06](#) takes precedence)
- F16G3/09 . . the plates forming a hinge
- F16G3/10 . Joining belts by sewing, sticking, vulcanishing, or the like; Constructional adaptations of the belt ends for this purpose
- F16G3/12 . Joining belts by lacing
- F16G3/14 . with extensible parts; with resilient parts
- F16G3/16 . Devices or machines for connecting driving-belts or the like
- F16G5/00** **V-belts, i.e. belts of tapered cross-section**
- F16G5/02 . made of leather ([F16G5/20](#) takes precedence; [N: consisting of several parts [F16G5/16](#)])
- F16G5/04 . made of rubber ([F16G5/02](#) takes precedence) [N: consisting of several parts [F16G5/16](#)]
- F16G5/06 . . with reinforcement bonded by the rubber
- F16G5/08 . . . with textile reinforcement
- F16G5/10 . . . with metal reinforcement
- F16G5/12 . made of plastics ([F16G5/20](#) takes precedence) [N: consisting of several parts [F16G5/16](#)]
- F16G5/14 . . with reinforcement bonded by the plastic material
- F16G5/16 . consisting of several parts
- F16G5/16B . . [N: with means allowing lubrication ([F16G5/18](#) takes precedence)] [N1205]
- [N: **WARNING**
 this group is not complete pending a reorganisation, see also [F16G5/16](#)
]
- F16G5/16D . . [N: with non-metallic rings ([F16G5/18](#) takes precedence)] [N1205]

[N: WARNING

this group is not complete pending a reorganisation, see also [F16G5/16](#)

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- F16G5/18 . . . in the form of links
- F16G5/20 . with a contact surface of special shape, e.g. toothed
- F16G5/22 . built-up from superimposed layers
- F16G5/24 . . zig-zag folded

- F16G7/00** **V-belt fastenings**
- F16G7/02 . locked, e.g. riveted
- F16G7/04 . Quickly detachable
- F16G7/06 . adjustable, e.g. for tension

- F16G9/00** **Ropes or cables specially adapted for driving, or for being driven by, pulleys or other gearing elements** ([ropes or cables in general D07B](#))
- F16G9/02 . made of leather; having enveloping sheatings made of leather
- F16G9/04 . made of rubber or plastics ([F16G9/02](#) takes precedence)

- F16G11/00** **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 B66B7/08](#), [to winch drums or barrels B66D1/34](#); [ground anchors E02D5/00](#); [anchoring devices for prestressed members E04C5/00](#); [rope clamps in earth drilling E21B19/12](#))
- F16G11/02 . with parts deformable to grip the cable or cables; Fastening means which engage a sleeve or the like fixed on the cable
- F16G11/02B . . **[N: Fastening means which engage a sleeve or the like fixed on the cable, e.g. caps ([F16G11/14B](#) and [F16G11/14D](#) take precedence)]** [N1205]

- [N: WARNING**
- this group is not complete pending a reorganisation, see also [F16G11/0](#)
-]
- F16G11/03 . incorporating resiliently-mounted members for attachment of the cable end
- F16G11/04 . with wedging action, e.g. friction clamps ([F16G11/02](#), **[N: [F16G11/10](#) take precedence;** **[N: eyes for grommet-thimble type fastenings [F16G11/14D](#)]**)

- [N: WARNING**
- Subgroups of [F16G11/04](#) pending a reorganisation, see also [F16G11/04](#)
-]
- F16G11/04B . . **[N: using solidifying liquid material forming a wedge]** [N1205]
- F16G11/04D . . **[N: friction clamps deforming the cable, wire, rope or cord]** [N1205]

- F16G11/04D2 . . . [N: by bending the cable around a surface] [N1205]
- F16G11/04D4 . . . [N: by moving a surface into the cable] [N1205]
- F16G11/05 . . . by using conical plugs insertable between the strands
- F16G11/06 . . . with laterally-arranged screws ([F16G11/02](#), [F16G11/04](#) take precedence)
- F16G11/08 . . . Fastenings for securing ends of driving-cables to one another, the fastenings having approximately the same diameter as the cables
- F16G11/09 . . . incorporating hinge joints or pivots for the attachment of the cable ends
- F16G11/10 . . . Quick-acting fastenings; Clamps holding in one direction only
 - [N: **WARNING**
 - Subgroups of [F16G11/10](#) pending a reorganisation, see also [F16G11/10](#)
 -]
- F16G11/10B . . . [N: deforming the cable by moving a part of the fastener] [N1205]
- F16G11/10D . . . [N: deforming the cable by bending it around or inserting it into the fastener] [N1205]
- F16G11/10F . . . [N: Clamps holding in one direction only] [N1205]
- F16G11/10F2 [N: using a toothed surface] [N1205]
- F16G11/10F4 [N: using a ball or a cylinder] [N1205]
- F16G11/12 . . . Connections or attachments, e.g. turnbuckles, adapted for straining of cables, ropes, or wire ([straining wire in general B21F9/00](#))
- F16G11/14 . . . 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 B66C1/34](#); [hooks or eyes in general F16B45/00](#))
- F16G11/14B . . . [N: Hooks] [N1205]
 - [N: **WARNING**
 - This group is not complete pending a reorganisation, see also [F16G11/14](#)
 -]
- F16G11/14D . . . [N: Eyes] [N1205]
 - [N: **WARNING**
 - This group is not complete pending a reorganisation, see also [F16G11/14](#)
 -]
- F16G13/00** **Chains** ([making thereof B21L](#))
- F16G13/02 . . . Driving-chains ([specially adapted to gearings with variable gear-ratio F16H9/00](#))
- F16G13/04 Toothed chains
- F16G13/06 with links connected by parallel driving-pins with or without rollers [N: so called open links (if the parallel coupling pins have only a joining function - so called closed links - [F16G13/02](#))]
- F16G13/07 the links being of identical shape, e.g. cranked
- F16G13/08 with links closely interposed on the joint pins ([F16G13/04](#) takes precedence)
- F16G13/10 with universal joints

- F16G13/12 . Hauling- or hoisting-chains [N: so called ornamental chains]
- F16G13/14 . . built up from readily-separable links
- F16G13/16 . . with arrangements for holding electric cables, hoses, or the like

- F16G13/18 . Chains having special overall characteristics
- F16G13/20 . . stiff; Push-pull chains
 - [N: **WARNING**
 - This group is not complete pending a reorganisation, see also [F16G13/18](#)
 -]
- F16G13/22 . . extensible [N: not used, see [F16G13/18](#)]
- F16G13/24 . . . resilient [N: not used, see [F16G13/18](#)]

- F16G15/00** **Chain couplings, Shackles; Chain joints; Chain links; Chain bushes (making chain elements [B21L](#))**

- F16G15/02 . for fastening more or less permanently

- F16G15/04 . Quickly-detachable chain couplings; Shackles [N: chain links with rapid junction means are classified according to the corresponding kind of chain]
- F16G15/06 . . Shackles designed for attachment by joint pins to chain elements, e.g. D-shackles [N: so called harp links; the D-chain links are classified according to the corresponding kind of chain]

- F16G15/08 . Swivels

- F16G15/10 . Emergency joints or links

- F16G15/12 . Chain links
- F16G15/14 . . made of sheet metal, e.g. profiled

- F16G17/00** **Hooks as integral parts of chains (hooks for cranes [B66C1/34](#); hooks in general [F16B45/00](#))**