

SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

F16 ENGINEERING ELEMENTS OR 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

Subclass index

BELTS; BELT FASTENINGS.....	1/00, 5/00, 3/00, 7/00
CABLES OR ROPES; FASTENINGS THEREFOR.....	9/00, 11/00
CHAINS, CHAIN HOOKS.....	13/00, 15/00, 17/00

1/00	Driving-belts (V-belts F16G 5/00; conveyer belts B65G)	3/10	• Joining belts by sewing, sticking, vulcanising, or the like; Constructional adaptations of the belt ends for this purpose
1/02	• made of leather (F16G 1/28 takes precedence; making thereof C14B 9/00)	3/12	• Joining belts by lacing
1/04	• made of fibrous material, e.g. textiles, whether rubber-covered or not (F16G 1/28 takes precedence; making thereof D03D)	3/14	• with extensible parts; with resilient parts
1/06	• made of rubber (F16G 1/28 takes precedence; producing belts from plastics or substances in a plastic state B29D 29/00)	3/16	• Devices or machines for connecting driving-belts or the like
1/08	• • with reinforcement bonded by the rubber	5/00	V-belts, i.e. belts of tapered cross-section
1/10	• • • with textile reinforcement	5/02	• made of leather (F16G 5/20 takes precedence)
1/12	• • • with metal reinforcement	5/04	• made of rubber (F16G 5/20 takes precedence)
1/14	• made of plastics (F16G 1/28 takes precedence; producing belts from plastics or substances in a plastic state B29D 29/00)	5/06	• • with reinforcement bonded by the rubber
1/16	• • with reinforcement bonded by the plastic material	5/08	• • • with textile reinforcement
1/18	• made of wire (making thereof B21F 43/00)	5/10	• • • with metal reinforcement
1/20	• made of a single metal strip (making thereof B21D 53/14)	5/12	• made of plastics (F16G 5/20 takes precedence)
1/21	• built-up from superimposed layers, e.g. zig-zag folded	5/14	• • with reinforcement bonded by the plastic material
1/22	• consisting of several parts	5/16	• consisting of several parts
1/24	• • in the form of links (in the shape of chain links F16G 13/08)	5/18	• • in the form of links
1/26	• • in the form of strips or lamellae	5/20	• with a contact surface of special shape, e.g. toothed
1/28	• with a contact surface of special shape, e.g. toothed	5/22	• built-up from superimposed layers
3/00	Belt fastenings, e.g. for conveyer belts (for V-belts F16G 7/00)	5/24	• • zig-zag folded
3/02	• with series of eyes or the like, interposed and linked by a pin to form a hinge (F16G 3/09 takes precedence)	7/00	V-belt fastenings
3/04	• • in which the ends of separate U-shaped or like eyes are attached to the belt by parts penetrating into it	7/02	• locked, e.g. riveted
3/06	• with outwardly-bent, mutually-connected belt ends	7/04	• quickly detachable
3/07	• Friction clamps, e.g. of grommet-thimble type	7/06	• adjustable, e.g. for tension
3/08	• consisting of plates and screw-bolts or rivets (F16G 3/06 takes precedence)	9/00	Ropes or cables specially adapted for driving, or for being driven by, pulleys or other gearing elements
3/09	• • the plates forming a hinge	9/02	• made of leather; having enveloping sheathings 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 (cable clamps for suspension bridge cables E01D 19/16); 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; 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
- 11/03 • incorporating resiliently-mounted members for attachment of the cable end
- 11/04 • with wedging action, e.g. friction clamps of grommet-thimble type (F16G 11/02 takes precedence)
- 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
- 11/12 • Connections or attachments, e.g. turnbuckles, adapted for straining of cables, ropes or wire
- 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

13/00 Chains (making thereof B21L)

- 13/02 • Driving-chains

- 13/04 • • Toothed chains
- 13/06 • • with links connected by parallel driving-pins with or without rollers
- 13/07 • • • the links being of identical shape, e.g. cranked
- 13/08 • • with links closely interposed on the joint pins (F16G 13/04 takes precedence)
- 13/10 • • with universal joints
- 13/12 • Hauling- or hoisting-chains
- 13/14 • • built up from readily-separable links [3]
- 13/16 • • with arrangements for holding electric cables, hoses, or the like
- 13/18 • Chains having special overall characteristics
- 13/20 • • stiff; Push-pull chains
- 13/22 • • extensible
- 13/24 • • • resilient

15/00 Chain couplings; Shackles; Chain joints; Chain links; Chain bushes (making chain elements B21L)

- 15/02 • for fastening more or less permanently
- 15/04 • Quickly-detachable chain couplings; Shackles
- 15/06 • • Shackles designed for attachment by joint pins to chain elements, e.g. D-shackles
- 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)