

# 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:

<a href="#">B63B 21/04</a>	Fastening equipment for chains, ropes or the like for ships
<a href="#">B63B 21/20</a>	Adaptations of chains, ropes or the like for ships
<a href="#">B65G 15/30</a>	Endless conveyor belts
<a href="#">B65G 17/38</a> , <a href="#">B65G 19/20</a>	Traction chains for conveyors
<a href="#">F16H</a>	Gearings using flexible members
<a href="#">F16H 9/24</a>	Chains specially adapted for gearings with variable ratio
<a href="#">H05F</a>	Preventing or carrying-off electrostatic charges.

<b>1/00</b>	<b>Driving-belts (V-belts <a href="#">F16G 5/00</a>; conveyor belt <a href="#">B65G</a>)</b>	3/08	<ul style="list-style-type: none"> <li>consisting of plates and screw-bolts or rivets (<a href="#">F16G 3/06</a> takes precedence)</li> </ul>
1/02	<ul style="list-style-type: none"> <li>made of leather (<a href="#">F16G 1/28</a> takes precedence; making thereof <a href="#">C14B 9/00</a> {consisting of several parts <a href="#">F16G 1/22</a>})</li> </ul>	3/09	<ul style="list-style-type: none"> <li>the plates forming a hinge</li> </ul>
1/04	<ul style="list-style-type: none"> <li>made of fibrous material, e.g. textiles, whether rubber-covered or not (<a href="#">F16G 1/28</a> takes precedence; making thereof <a href="#">D03D</a> {; consisting of several parts <a href="#">F16G 1/22</a>})</li> </ul>	3/10	<ul style="list-style-type: none"> <li>Joining belts by sewing, sticking, vulcanishing, or the like; Constructional adaptations of the belt ends for this purpose</li> </ul>
1/06	<ul style="list-style-type: none"> <li>made of rubber (<a href="#">F16G 1/28</a> takes precedence; making thereof <a href="#">B29D 29/00</a> {consisting of several parts <a href="#">F16G 1/22</a>})</li> </ul>	3/12	<ul style="list-style-type: none"> <li>Joining belts by lacing</li> </ul>
1/08	<ul style="list-style-type: none"> <li>with reinforcement bonded by the rubber</li> </ul>	3/14	<ul style="list-style-type: none"> <li>with extensible parts; with resilient parts</li> </ul>
1/10	<ul style="list-style-type: none"> <li>with textile reinforcement</li> </ul>	3/16	<ul style="list-style-type: none"> <li>Devices or machines for connecting driving-belts or the like</li> </ul>
1/12	<ul style="list-style-type: none"> <li>with metal reinforcement</li> </ul>	<b>5/00</b>	<b>V-belts, i.e. belts of tapered cross-section</b>
1/14	<ul style="list-style-type: none"> <li>made of plastics (<a href="#">F16G 1/28</a> takes precedence; making thereof <a href="#">B29D 29/00</a> {consisting of several parts <a href="#">F16G 1/22</a>})</li> </ul>	5/02	<ul style="list-style-type: none"> <li>made of leather (<a href="#">F16G 5/20</a> takes precedence; {consisting of several parts <a href="#">F16G 5/16</a>})</li> </ul>
1/16	<ul style="list-style-type: none"> <li>with reinforcement bonded by the plastic material {(making thereof <a href="#">B32B</a>)}</li> </ul>	5/04	<ul style="list-style-type: none"> <li>made of rubber (<a href="#">F16G 5/02</a> takes precedence {consisting of several parts <a href="#">F16G 5/16</a>})</li> </ul>
1/18	<ul style="list-style-type: none"> <li>made of wire (making thereof <a href="#">B21F 43/00</a> {consisting of several parts <a href="#">F16G 1/22</a>})</li> </ul>	5/06	<ul style="list-style-type: none"> <li>with reinforcement bonded by the rubber</li> </ul>
1/20	<ul style="list-style-type: none"> <li>made of a single metal strip (making thereof <a href="#">B21D 53/14</a>)</li> </ul>	5/08	<ul style="list-style-type: none"> <li>with textile reinforcement</li> </ul>
1/21	<ul style="list-style-type: none"> <li>built-up from superimposed layers, e.g. zig-zag folded</li> </ul>	5/10	<ul style="list-style-type: none"> <li>with metal reinforcement</li> </ul>
1/22	<ul style="list-style-type: none"> <li>consisting of several parts</li> </ul>	5/12	<ul style="list-style-type: none"> <li>made of plastics (<a href="#">F16G 5/20</a> takes precedence {consisting of several parts <a href="#">F16G 5/16</a>})</li> </ul>
1/24	<ul style="list-style-type: none"> <li>in the form of links (in the shape of chain links <a href="#">F16G 13/08</a>)</li> </ul>	5/14	<ul style="list-style-type: none"> <li>with reinforcement bonded by the plastic material</li> </ul>
1/26	<ul style="list-style-type: none"> <li>in the form of strips or lamellae</li> </ul>	5/16	<ul style="list-style-type: none"> <li>consisting of several parts</li> </ul>
1/28	<ul style="list-style-type: none"> <li>with a contact surface of special shape, e.g. toothed</li> </ul>	5/163	<ul style="list-style-type: none"> <li>{with means allowing lubrication (<a href="#">F16G 5/18</a> takes precedence)}</li> </ul>
<b>3/00</b>	<b>Belt fastenings, e.g. for conveyor belts (for V-belts <a href="#">F16G 7/00</a>)</b>		<b>WARNING</b>
3/003	<ul style="list-style-type: none"> <li>{Apparatus or tools for joining belts (stapler <a href="#">B25C 5/00</a>)}</li> </ul>		<p>this group is not complete pending a reorganisation, see also <a href="#">F16G 5/16</a></p>
3/006	<ul style="list-style-type: none"> <li>{Traction devices to bring together belts, cables or chains}</li> </ul>	5/18	<ul style="list-style-type: none"> <li>in the form of links</li> </ul>
3/02	<ul style="list-style-type: none"> <li>with series of eyes or the like, interposed and linked by a pin to form a hinge (<a href="#">F16G 3/09</a> takes precedence)</li> </ul>	5/20	<ul style="list-style-type: none"> <li>with a contact surface of special shape, e.g. toothed</li> </ul>
3/04	<ul style="list-style-type: none"> <li>in which the ends of separate U-shaped or like eyes are attached to the belt by parts penetrating into it</li> </ul>	5/22	<ul style="list-style-type: none"> <li>built-up from superimposed layers</li> </ul>
3/06	<ul style="list-style-type: none"> <li>with outwardly-bent, mutually-connected belt ends</li> </ul>	5/24	<ul style="list-style-type: none"> <li>zig-zag folded</li> </ul>
3/07	<ul style="list-style-type: none"> <li>Friction clamps, e.g. of grommet-thimble type</li> </ul>	<b>7/00</b>	<b>V-belt fastenings</b>
		7/02	<ul style="list-style-type: none"> <li>locked, e.g. riveted</li> </ul>
		7/04	<ul style="list-style-type: none"> <li>Quickly detachable</li> </ul>
		7/06	<ul style="list-style-type: none"> <li>adjustable, e.g. for tension</li> </ul>

9/00	<b>Ropes or cables specially adapted for driving, or for being driven by, pulleys or other gearing elements (ropes or cables in general <a href="#">D07B</a>)</b>	11/12	<ul style="list-style-type: none"> <li>Connections or attachments, e.g. turnbuckles, adapted for straining of cables, ropes, or wire (<a href="#">straining wire in general B21F 9/00</a>)</li> </ul>
9/02	<ul style="list-style-type: none"> <li>made of leather; having enveloping sheatings made of leather</li> </ul>	11/14	<ul style="list-style-type: none"> <li>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 (<a href="#">crane hooks B66C 1/34</a>; <a href="#">hooks or eyes in general F16B 45/00</a>)</li> </ul>
9/04	<ul style="list-style-type: none"> <li>made of rubber or plastics (<a href="#">F16G 9/02</a> takes precedence)</li> </ul>	11/143	<ul style="list-style-type: none"> <li>{Hooks}</li> </ul> <p><b><u>WARNING</u></b></p> <p>This group is not complete pending a reorganisation, see also <a href="#">F16G 11/14</a></p>
11/00	<b>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 <a href="#">B66B 7/08</a>, to winch drums or barrels <a href="#">B66D 1/34</a>; ground anchors <a href="#">E02D 5/00</a>; anchoring devices for prestressed members <a href="#">E04C 5/00</a>; rope clamps in earth drilling <a href="#">E21B 19/12</a>)</b>	11/146	<ul style="list-style-type: none"> <li>{Eyes}</li> </ul> <p><b><u>WARNING</u></b></p> <p>This group is not complete pending a reorganisation, see also <a href="#">F16G 11/14</a></p>
11/02	<ul style="list-style-type: none"> <li>with parts deformable to grip the cable or cables; Fastening means which engage a sleeve or the like fixed on the cable</li> </ul>	13/00	<b>Chains (making thereof <a href="#">B21L</a>)</b>
11/025	<ul style="list-style-type: none"> <li>{Fastening means which engage a sleeve or the like fixed on the cable, e.g. caps (<a href="#">F16G 11/143</a> and <a href="#">F16G 11/146</a> take precedence)}</li> </ul> <p><b><u>WARNING</u></b></p> <p>this group is not complete pending a reorganisation, see also <a href="#">F16G 11/00</a></p>	13/02	<ul style="list-style-type: none"> <li>Driving-chains (specially adapted to gearings with variable gear-ratio <a href="#">F16H 9/00</a>)</li> </ul>
11/03	<ul style="list-style-type: none"> <li>incorporating resiliently-mounted members for attachment of the cable end</li> </ul>	13/04	<ul style="list-style-type: none"> <li>Toothed chains</li> </ul>
11/04	<ul style="list-style-type: none"> <li>with wedging action, e.g. friction clamps (<a href="#">F16G 11/02</a>, {<a href="#">F16G 11/10</a>} take precedence; {eyes for grommet-thimble type fastenings <a href="#">F16G 11/146</a>})</li> </ul> <p><b><u>WARNING</u></b></p> <p>Subgroups of <a href="#">F16G 11/04</a> pending a reorganisation, see also <a href="#">F16G 11/04</a></p>	13/06	<ul style="list-style-type: none"> <li>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 - <a href="#">F16G 13/02</a>)}</li> </ul>
11/042	<ul style="list-style-type: none"> <li>{using solidifying liquid material forming a wedge}</li> </ul>	13/07	<ul style="list-style-type: none"> <li>the links being of identical shape, e.g. cranked</li> </ul>
11/044	<ul style="list-style-type: none"> <li>{friction clamps deforming the cable, wire, rope or cord}</li> </ul>	13/08	<ul style="list-style-type: none"> <li>with links closely interposed on the joint pins (<a href="#">F16G 13/04</a> takes precedence)</li> </ul>
11/046	<ul style="list-style-type: none"> <li>{by bending the cable around a surface}</li> </ul>	13/10	<ul style="list-style-type: none"> <li>with universal joints</li> </ul>
11/048	<ul style="list-style-type: none"> <li>{by moving a surface into the cable}</li> </ul>	13/12	<ul style="list-style-type: none"> <li>Hauling- or hoisting-chains {so called ornamental chains}</li> </ul>
11/05	<ul style="list-style-type: none"> <li>by using conical plugs insertable between the strands</li> </ul>	13/14	<ul style="list-style-type: none"> <li>built up from readily-separable links</li> </ul>
11/06	<ul style="list-style-type: none"> <li>with laterally-arranged screws (<a href="#">F16G 11/02</a>, <a href="#">F16G 11/04</a> take precedence)</li> </ul>	13/16	<ul style="list-style-type: none"> <li>with arrangements for holding electric cables, hoses, or the like</li> </ul>
11/08	<ul style="list-style-type: none"> <li>Fastenings for securing ends of driving-cables to one another, the fastenings having approximately the same diameter as the cables</li> </ul>	13/18	<ul style="list-style-type: none"> <li>Chains having special overall characteristics</li> </ul>
11/09	<ul style="list-style-type: none"> <li>incorporating hinge joints or pivots for the attachment of the cable ends</li> </ul>	13/20	<ul style="list-style-type: none"> <li>stiff; Push-pull chains</li> </ul>
11/10	<ul style="list-style-type: none"> <li>Quick-acting fastenings; Clamps holding in one direction only</li> </ul> <p><b><u>WARNING</u></b></p> <p>Subgroups of <a href="#">F16G 11/10</a> pending a reorganisation, see also <a href="#">F16G 11/10</a></p>	13/22	<ul style="list-style-type: none"> <li>extensible {(not used, see <a href="#">F16G 13/18</a>)}</li> </ul>
11/101	<ul style="list-style-type: none"> <li>{deforming the cable by moving a part of the fastener}</li> </ul>	13/24	<ul style="list-style-type: none"> <li>resilient {(not used, see <a href="#">F16G 13/18</a>)}</li> </ul>
11/103	<ul style="list-style-type: none"> <li>{deforming the cable by bending it around or inserting it into the fastener}</li> </ul>	15/00	<b>Chain couplings, Shackles; Chain joints; Chain links; Chain bushes (making chain elements <a href="#">B21L</a>)</b>
11/105	<ul style="list-style-type: none"> <li>{Clamps holding in one direction only}</li> </ul>	15/02	<ul style="list-style-type: none"> <li>for fastening more or less permanently</li> </ul>
11/106	<ul style="list-style-type: none"> <li>{using a toothed surface}</li> </ul>	15/04	<ul style="list-style-type: none"> <li>Quickly-detachable chain couplings; Shackles {chain links with rapid junction means are classified according to the corresponding kind of chain}</li> </ul>
11/108	<ul style="list-style-type: none"> <li>{using a ball or a cylinder}</li> </ul>	15/06	<ul style="list-style-type: none"> <li>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}</li> </ul>
		15/08	<ul style="list-style-type: none"> <li>Swivels</li> </ul>
		15/10	<ul style="list-style-type: none"> <li>Emergency joints or links</li> </ul>
		15/12	<ul style="list-style-type: none"> <li>Chain links</li> </ul>
		15/14	<ul style="list-style-type: none"> <li>made of sheet metal, e.g. profiled</li> </ul>
		17/00	<b>Hooks as integral parts of chains (hooks for cranes <a href="#">B66C 1/34</a>; hooks in general <a href="#">F16B 45/00</a>)</b>