

# CPC COOPERATIVE PATENT CLASSIFICATION

## B PERFORMING OPERATIONS; TRANSPORTING (NOTES omitted)

### TRANSPORTING

#### B60 VEHICLES IN GENERAL (NOTE omitted)

#### B60D VEHICLE CONNECTIONS (components of brake systems [B60T 17/04](#))

##### NOTE

Attention is drawn to the note following the class [B60](#)

##### WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

<b>1/00</b>	<b>Traction couplings; Hitches; Draw-gear; Towing devices</b> (devices specially adapted for connection between tractors and agricultural machines or implements <a href="#">A01B 59/00</a> ; fifth-wheel couplings <a href="#">B62D</a> )	<b>1/1675</b>	. . . {comprising extendable, retractable or foldable members}
<b>2001/001</b>	. {specially adapted for use on vehicles other than cars}	<b>1/173</b>	. . consisting of at least two bars which are not connected or articulated to each other
<b>2001/003</b>	. . {for bicycles or motorbikes}	<b>1/18</b>	. . Tow ropes, chains or the like
<b>2001/005</b>	. . {for carts, scooters, or the like}	<b>1/182</b>	. . . {comprising resilient members}
<b>2001/006</b>	. . . {comprising a handle}	<b>1/185</b>	. . . {comprising a cable or chain winding device ( <a href="#">B60D 1/38</a> takes precedence)}
<b>2001/008</b>	. . {specially adapted for implements, e.g. towed tools}	<b>1/187</b>	. . . {characterised by the connection to the towing vehicle or to the trailer}
<b>1/01</b>	. Traction couplings or hitches characterised by their type	<b>1/24</b>	. characterised by arrangements for particular functions
<b>1/015</b>	. . {Fifth wheel couplings}	<b>1/241</b>	. . {for suppressing noise generation}
<b>1/02</b>	. . Bolt or shackle-type couplings	<b>1/242</b>	. . {for supporting braking actions, e.g. braking means integrated with hitches; Braking sensors}
<b>1/025</b>	. . . {comprising release or locking lever pins}	<b>1/243</b>	. . {for protection in case of crash, collision, impact, or the like}
<b>1/04</b>	. . Hook or hook-and-hasps couplings	<b>1/244</b>	. . . {involving weakened zones in the hitches}
<b>1/06</b>	. . Ball-and-socket hitches {, e.g. constructional details, auxiliary devices, their arrangement on the vehicle}	<b>1/245</b>	. . {for facilitating push back or parking of trailers}
<b>1/065</b>	. . . {characterised by the hitch mechanism}	<b>1/246</b>	. . {for actuating the hitch by powered means}
<b>1/07</b>	. . Multi-hitch devices, i.e. comprising several hitches of the same or of a different type; Hitch-adaptors, i.e. for converting hitches from one type to another	<b>1/247</b>	. . {for improving weight distribution}
<b>1/075</b>	. . . {Hitch-adaptors}	<b>1/248</b>	. . {for measuring, indicating or displaying the weight}
<b>1/14</b>	. Draw-gear or towing devices characterised by their type	<b>1/249</b>	. . {for damping in the pulling direction and being integrated with the hitch, e.g. resilient dampers integrated with the hitch}
<b>1/141</b>	. . {Arrangements or frames adapted to allow the connection of trailers to tractor three point hitches (coupling of multipurpose tractors with equipment <a href="#">B62D 49/065</a> )}	<b>1/26</b>	. . for remote control, e.g. for releasing
<b>1/143</b>	. . {characterised by the mounting of the draw-gear on the towed vehicle ( <a href="#">B60D 1/187</a> takes precedence)}	<b>1/28</b>	. . for preventing unwanted disengagement, e.g. safety appliances
<b>1/145</b>	. . consisting of an elongated single bar or tube	<b>1/30</b>	. . for sway control {, e.g. stabilising or anti-fishtail devices; Sway alarm means}
<b>1/155</b>	. . . comprising telescopic or foldable parts	<b>1/305</b>	. . . {Sway alarm means}
<b>1/167</b>	. . consisting of articulated or rigidly assembled bars or tubes forming a V-, Y-, or U-shaped draw gear ( <a href="#">B60D 1/173</a> takes precedence)	<b>1/32</b>	. . . involving damping devices
		<b>1/322</b>	. . . . {using fluid dampers ( <a href="#">fluid dampers per se F16F 9/00</a> )}
		<b>1/325</b>	. . . . {using friction dampers ( <a href="#">friction dampers per se F16F 7/02 - F16F 7/08</a> )}
		<b>1/327</b>	. . . . {using cables}
		<b>1/34</b>	. . . involving springs

1/345	. . . . {the springs being of the bar or leaf type (torsion bars <a href="#">per se F16F 1/14</a> , leaf springs <a href="#">per se F16F 1/18</a> )}	<b>5/00</b>	<b>Gangways for coupled vehicles, e.g. of concertina type</b>
1/36	. . for facilitating connection, e.g. hitch catchers {, visual guide means, signalling aids ( <a href="#">B60D 1/465</a> takes precedence; vehicle signalling in general <a href="#">B60Q</a> ; optical arrangements specially adapted for viewing trailer-hitches <a href="#">B60R 1/003</a> )}	5/003	. {Bellows for interconnecting vehicle parts}
1/363	. . . {Hitch guiding or catching elements, e.g. V-shaped plates partially surrounding a coupling member for guiding the other coupling member}	5/006	. {Passages between articulated vehicles, e.g. bridges or rotating plates}
1/366	. . . . {comprising braking means}	<b>7/00</b>	<b>{Other connections}</b>
1/38	. . . involving auxiliary cables for drawing the trailer to the tractor before coupling		
1/40	. . . involving a temporarily extensible or alignable member ( <a href="#">B60D 1/38</a> takes precedence)		
1/42	. . for being adjustable		
1/44	. . . horizontally		
1/46	. . . vertically		
1/465	. . . . {comprising a lifting mechanism, e.g. for coupling while lifting}		
1/48	. characterised by the mounting		
1/481	. . {adapted for being mounted to the front and back of trailers, carts, trolleys, or the like to form a train}		
1/483	. . {adapted for being mounted to the side of a vehicle}		
1/485	. . {mounted by means of transversal members attached to the frame of a vehicle}		
1/486	. . {adapted for being mounted to the wheel axle of the vehicle}		
1/488	. . {mounted directly to the chassis of the towing vehicle}		
1/50	. . resiliently mounted ( <a href="#">B60D 1/30</a> takes precedence ; <a href="#">B60D 1/182</a> takes precedence; springs or dampers <a href="#">per se F16F</a> )		
1/52	. . removably mounted ( <a href="#">B60D 1/56</a> takes precedence)		
1/54	. . collapsible or retractable when not in use, e.g. hide-away hitches ( <a href="#">B60D 1/52</a> takes precedence)		
2001/542	. . . {characterised by the number of pivot axis}		
2001/544	. . . . {one pivot axis}		
2001/546	. . . . {two pivot axes}		
2001/548	. . . . {three pivot axes}		
1/56	. . securing to the vehicle bumper		
1/565	. . . {having an eyelet}		
1/58	. Auxiliary devices		
1/583	. . {Holding down means, e.g. holding down retainers}		
1/586	. . {Lubrication means}		
1/60	. . Covers, caps or guards {, e.g. comprising anti-theft devices}		
1/605	. . . {Protection caps}		
1/62	. . involving supply lines, electric circuits, or the like		
1/64	. . . Couplings or joints therefor		
1/66	. . Props		
1/665	. . . {comprising supporting wheels, e.g. dollies}		
<b>3/00</b>	<b>Fittings to facilitate pushing (<a href="#">B60D 1/00</a> takes precedence; vehicle bumpers <a href="#">B60R 19/02</a>; steering arrangements for backing a normally-drawn trailer <a href="#">B62D 13/06</a>)</b>		