

**CPC****COOPERATIVE PATENT CLASSIFICATION****B60D****VEHICLE CONNECTIONS** ( components of brake systems [B60T 17/04](#) )**NOTE**

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

**B60D 1/00**

**Traction couplings; Hitches; Draw-gear; Towing devices** ( devices specially adapted for connection between tractors and agricultural machines or implements [A01B 59/00](#); fifth-wheel couplings [B62D](#) )

- B60D 2001/001 . specially adapted for use on vehicles other than cars
- B60D 2001/003 . . for bicycles or motorbikes
- B60D 2001/005 . . for carts, scooters, or the like
- B60D 2001/006 . . . comprising a handle
- B60D 2001/008 . . specially adapted for implements, e.g. towed tools
  
- B60D 1/01 . Traction couplings or hitches characterised by their type
- B60D 1/015 . . { Fifth wheel couplings }
- B60D 1/02 . . Bolt or shackle-type couplings
- B60D 1/025 . . . { comprising release or locking lever pins }
- B60D 1/04 . . Hook or hook-and-hasps couplings
- B60D 1/06 . . Ball-and-socket hitches { e.g. constructional details, auxiliary devices, their arrangement on the vehicle }
- B60D 1/065 . . . { characterised by the hitch mechanism }
- B60D 1/07 . . 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
- B60D 1/075 . . . { Hitch-adaptors }
  
- B60D 1/14 . Draw-gear or towing devices characterised by their type
- B60D 1/141 . . { Arrangements or frames adapted to allow the connection of trailers to tractor three point hitches ( coupling of multipurpose tractors with equipment [B62D 49/065](#) ) }
- B60D 1/143 . . { characterised by the mounting of the draw-gear on the towed vehicle ( [B60D 1/187](#) takes precedence ) }
- B60D 1/145 . . consisting of an elongated single bar or tube
- B60D 1/155 . . . comprising telescopic or foldable parts
- B60D 1/167 . . consisting of articulated or rigidly assembled bars or tubes forming a V-, Y-, or U-shaped draw gear ( [B60D 1/173](#) takes precedence )
- B60D 1/1675 . . . { comprising extendable, retractable or foldable members }
- B60D 1/173 . . consisting of at least two bars which are not connected or articulated to each other
- B60D 1/18 . . Tow ropes, chains or the like
- B60D 1/182 . . . { comprising resilient members }
- B60D 1/185 . . . { comprising a cable or chain winding device ( [B60D 1/38](#) takes precedence ) }

- B60D 1/187      ...      { characterised by the connection to the towing vehicle or to the trailer }
- B60D 1/24      .      characterised by arrangements for particular functions
- B60D 1/241      ..      { for suppressing noise generation }
- B60D 1/242      ..      { for supporting braking actions, e.g. braking means integrated with hitches; Braking sensors }
- B60D 1/243      ..      { for protection in case of crash, collision, impact, or the like }
- B60D 1/244      ...      { involving weakened zones in the hitches }
- B60D 1/245      ..      { for facilitating push back or parking of trailers }
- B60D 1/246      ..      { for actuating the hitch by powered means }
- B60D 1/247      ..      { for improving weight distribution }
- B60D 1/248      ..      { for measuring, indicating or displaying the weight }
- B60D 1/249      ..      { for damping in the pulling direction and being integrated with the hitch, e.g. resilient dampers integrated with the hitch }
- B60D 1/26      ..      for remote control, e.g. for releasing
- B60D 1/28      ..      for preventing unwanted disengagement, e.g. safety appliances
- B60D 1/30      ..      for sway control, { e.g. stabilising or anti-fishtail devices; Sway alarm means }
- B60D 1/305      ...      { Sway alarm means }
- B60D 1/32      ...      involving damping devices
- B60D 1/322      ....      { using fluid dampers ( fluid dampers per se [F16F 9/00](#) ) }
- B60D 1/325      ....      { using friction dampers ( friction dampers per se [F16F 7/02](#) to [F16F 7/08](#) ) }
- B60D 1/327      ....      { using cables }
- B60D 1/34      ...      involving springs
- B60D 1/345      ....      { the springs being of the bar or leaf type ( torsion bars per se [F16F 1/14](#), leaf springs per se [F16F 1/18](#) ) }
- B60D 1/36      ..      for facilitating connection, e.g. hitch catchers { , visual guide means, signalling aids ( [B60D 1/465](#) takes precedence; vehicle signalling in general [B60Q](#); optical arrangements specially adapted for viewing trailer-hitches [B60R 1/003](#) ) }
- B60D 1/363      ...      { Hitch guiding or catching elements, e.g. V-shaped plates partially surrounding a coupling member for guiding the other coupling member }
- B60D 1/366      ....      { comprising braking means }
- B60D 1/38      ...      involving auxiliary cables for drawing the trailer to the tractor before coupling
- B60D 1/40      ...      involving a temporarily extensible or alignable member ( [B60D 1/38](#) takes precedence )
- B60D 1/42      ..      for being adjustable
- B60D 1/44      ...      horizontally
- B60D 1/46      ...      vertically
- B60D 1/465      ....      { comprising a lifting mechanism, e.g. for coupling while lifting }
- B60D 1/48      .      characterised by the mounting
- B60D 1/481      ..      { adapted for being mounted to the front and back of trailers, carts, trolleys, or the like to form a train }
- B60D 1/483      ..      { adapted for being mounted to the side of a vehicle }
- B60D 1/485      ..      { mounted by means of transversal members attached to the frame of a vehicle }
- B60D 1/486      ..      { adapted for being mounted to the wheel axle of the vehicle }

B60D 1/488	.. { mounted directly to the chassis of the towing vehicle }
B60D 1/50	.. resiliently mounted ( <a href="#">B60D 1/30</a> takes precedence ) {( <a href="#">B60D 1/182</a> takes precedence; springs or dampers per se <a href="#">F16F</a> )}
B60D 1/52	.. removably mounted ( <a href="#">B60D 1/56</a> takes precedence )
B60D 1/54	.. collapsible or retractable when not in use, e.g. hide-away hitches ( <a href="#">B60D 1/52</a> takes precedence )
B60D 2001/542	... characterised by the number of pivot axis
B60D 2001/544	.... one pivot axis
B60D 2001/546	.... two pivot axes
B60D 2001/548	.... three pivot axes
B60D 1/56	.. securing to the vehicle bumper
B60D 1/565	... { having an eyelet }
B60D 1/58	. Auxiliary devices
B60D 1/583	.. { Holding down means, e.g. holding down retainers }
B60D 1/586	.. { Lubrication means }
B60D 1/60	.. Covers, caps or guards { e.g. comprising anti-theft devices }
B60D 1/605	... { Protection caps }
B60D 1/62	.. involving supply lines, electric circuits, or the like
B60D 1/64	... Couplings or joints therefor
B60D 1/66	.. Props
B60D 1/665	... { comprising supporting wheels, e.g. dollies }
<b>B60D 3/00</b>	<b>Fittings to facilitate pushing</b> ( <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>B60D 5/00</b>	<b>Gangways for coupled vehicles, e.g. of concertina type</b>
B60D 5/003	. { Bellows for interconnecting vehicle parts }
B60D 5/006	. { Passages between articulated vehicles, e.g. bridges or rotating plates }
<b>B60D 7/00</b>	<b>Other connections</b>