SECTION B — PERFORMING OPERATIONS; TRANSPORTING

B61 RAILWAYS

B61G COUPLINGS SPECIALLY ADAPTED FOR RAILWAY VEHICLES; DRAUGHT OR BUFFING APPLIANCES SPECIALLY ADAPTED FOR RAILWAY VEHICLES

Couplings peculiar to railway vehicles

1/00 Couplings comprising interengaging parts of different shape or form and having links, bars, pins, shackles, or hooks as coupling means

1/02 • having links or bars coupling or uncoupling by rotating around a transverse horizontal axis
1/04 • • Operating devices therefor (B61G 1/08 takes precedence)
1/06 • • and coupling when the coupling halves are pushed together
1/08 • • • Control devices therefor
1/10 • having links or bars coupling or uncoupling by rotating around a vertical axis
1/12 • • Operating devices therefor (B61G 1/16 takes precedence)
1/14 • • and coupling when the coupling halves are pushed together
1/16 • • • Control devices therefor
1/18 • having links or bars coupling or uncoupling by rotating axially
1/20 • • Operating devices therefor
1/22 • having screws incorporated in the links for lengthening or shortening the couplings
1/24 • • Operating devices therefor (B61G 1/26 takes precedence)
1/26 • • and coupling when the coupling halves are pushed together; Control devices therefor
1/28 • with vertical bolt or pin
1/30 • • Operating devices therefor
1/32 • with horizontal bolt or pin
1/34 • • Operating devices therefor
1/36 • with shackles and hooks, e.g. specially adapted for mine cars
1/38 • • rotatable about line of traction, e.g. for cars which are tiltable when coupled
1/40 • with coupling bars having an enlarged or recessed end which slips into the opposite coupling part and is gripped thereby, e.g. arrow-head type; with coupling parts having a tong-like gripping action
1/42 • • Operating devices therefor

3/00 Couplings comprising mating parts of similar shape or form which can be coupled without the use of any additional element or elements

3/02 • with interengaging movably-mounted hooks or links guided into alignment by a gathering device, e.g. "Dowty" type
3/04 • with coupling head having a guard arm on one side and a knuckle with angularly-disposed nose and tail portions pivoted to the other side thereof, the nose of the knuckle being the coupling part, and means to lock the knuckle in coupling position, e.g. "A.A.R." or "Janney" type
3/06 • • Knuckle-locking devices
3/08 • • Control devices, e.g. for uncoupling
3/10 • with coupling heads in the form of hook-like interengaging rigid jaws, e.g. "Willison" type
3/12 • • Jaw-locking devices
3/14 • • Control devices, e.g. for uncoupling
3/16 • with coupling heads rigidly connected by rotatable hook plates or discs and balancing links, the coupling members forming a parallelogram, e.g. "Scharfenberg" type
3/18 • • Locking devices
3/20 • • Control devices, e.g. for uncoupling
3/22 • with coupling heads rigidly connected by locks consisting of pivoted latches
3/24 • • Latch-locking devices
3/26 • • Control devices, e.g. for uncoupling
3/28 • with coupling heads rigidly connected by locks consisting of slidable pins
3/30 • with coupling heads rigidly connected by pins having locking noses which are brought into locking position by rotating the pins

5/00 Couplings not otherwise provided for

5/02 • for coupling articulated trains, locomotives and tenders, or the bogies of a vehicle; Coupling by means of a single coupling bar; Couplings preventing or limiting relative lateral movement of vehicles
5/04 • for matching couplings of different types, e.g. transitional couplings
5/06 • for, or combined with, couplings or connectors for fluid conduits or electric cables
5/08 • • for fluid conduits
5/10 • • for electric cables

7/00 Details or accessories

7/02 • Hand tools for coupling or uncoupling
7/04 • Coupling or uncoupling by means of trackside apparatus
7/06 • Coupling heads constructed to facilitate alignment
7/08 • Adjustable coupling heads
7/10 • Mounting of the couplings on the vehicle
7/12 • • Adjustable coupling bars, e.g. for centralisation purposes
7/14 • Safety devices

Draught or buffing appliances peculiar to railway or tramway vehicles

9/00 **Draw-gear**
9/02 • Draw-gear and non-integral buffing appliances with combined action or acting on the same spring
9/04 • Draw-gear combined with buffing appliances (continuous B61G 9/12)
9/06 • • with rubber springs
9/08 • • with fluid springs or fluid shock-absorbers; Combinations thereof
9/10 • • with separate mechanical friction shock-absorbers
9/12 • Continuous draw-gear combined with buffing appliances, e.g. incorporated in a centre sill
9/14 • • with rubber springs
9/16 • • with fluid springs or fluid shock-absorbers; Combinations thereof
9/18 • • with separate mechanical friction shock-absorbers
9/20 • Details; Accessories
9/22 • • Supporting framework, e.g. cradles; Spring housings
9/24 • • Linkages between draw-bar and framework (adjustable coupling bars B61G 7/12)

11/00 **Buffers** (springs F16F)
11/02 • with metal springs
11/04 • • with helical springs
11/06 • • • arranged to damp each other by mutual friction
11/08 • with rubber springs
11/10 • with combined rubber and metal springs
11/12 • with fluid springs or shock-absorbers; Combinations thereof
11/14 • absorbing shocks by mechanical friction action; Combinations of mechanical shock-absorbers and springs (B61G 11/06 takes precedence)
11/16 • absorbing shocks by permanent deformation of buffer element
11/18 • Details