

## SECTION B — PERFORMING OPERATIONS; TRANSPORTING

### B61 RAILWAYS

**B61K OTHER AUXILIARY EQUIPMENT FOR RAILWAYS** (energy-storing brakes B61H; protection of permanent way against weather influences E01B; rail cleaning, snow ploughs E01H)

#### Subclass index

##### EQUIPMENT RELATED TO TRACK

Wetting or lubricating; testing; stops, retarding; other.....3/00, 9/00, 7/00, 13/00

##### EQUIPMENT RELATED TO VEHICLES

Transferring load, coupling, or slipping, during movement; profile gauges; derailling, re-railing.....1/00, 9/00, 5/00

Wetting or lubrication of wheels; testing.....3/00, 9/00

Servicing locomotives.....11/00

Other.....13/00

#### **1/00 Transferring passengers, articles, or freight to and from moving trains; Slipping or coupling vehicles from or to moving trains**

- 1/02 • transferring articles to and from moving trains, e.g. mailbag catchers

#### **3/00 Wetting or lubricating rails or wheel flanges**

- 3/02 • Apparatus therefor combined with vehicles

#### **5/00 Apparatus for placing vehicles on the track; Derailers; Lifting or lowering rail vehicle axles or wheels** (hoisting apparatus B66)

- 5/02 • Devices secured to the vehicles; Turntables integral with the vehicles
- 5/04 • Devices secured to the track
- 5/06 • • Derailling or re-railing blocks

#### **7/00 Railway stops fixed to permanent way; Track brakes or retarding apparatus fixed to permanent way; Sand tracks or the like** (skids, wedges, vehicle-mounted scotch blocks B61H; operating mechanisms for track-mounted scotch-blocks B61L)

- 7/02 • Track brakes or retarding apparatus
- 7/04 • • with clamping action
- 7/06 • • • operated mechanically
- 7/08 • • • operated pneumatically or hydraulically
- 7/10 • • electrodynamic (on vehicles B60L)
- 7/12 • • electrically controlled
- 7/14 • Sand or like tracks
- 7/16 • Positive railway stops
- 7/18 • • Buffer stops
- 7/20 • • Positive wheel stops
- 7/22 • • Axle stops

#### **9/00 Railway vehicle profile gauges; Detecting or indicating overheating of components; Apparatus on locomotives or cars to indicate bad track sections; General design of track recording vehicles**

- 9/02 • Profile gauges, e.g. loading gauges
- 9/04 • Detectors for indicating the overheating of axle bearings and the like, e.g. associated with the brake system for applying the brakes in case of a fault
- 9/06 • • by detecting or indicating heat radiation from overheated axles
- 9/08 • Measuring installations for surveying permanent way (applications of measuring apparatus or devices for track-building purposes E01B 35/00; measuring techniques G01)
- 9/10 • • for detecting cracks in rails or welds thereof
- 9/12 • Measuring or surveying wheel-rims (measuring techniques G01)

#### **11/00 Serving peculiar to locomotives, e.g. filling with, or emptying of, water, sand, or the like at the depots** (lifting or lowering axles or wheels B61K 5/00; filling stations for steam or pneumatic accumulator locomotives B61C 8/00; water or fuel supply fittings on locomotives B61C 17/02; refuelling locomotives with solid fuels B65G 67/18; washing or cleaning boilers F28G)

- 11/02 • Water columns for locomotives

#### **13/00 Other auxiliaries or accessories for railways** (safety belts or body harnesses A62B 35/00)

- 13/02 • Starting aids for cars amplifying the draw-bar pull and transmitting it to the wheels
- 13/04 • Passenger-warning devices attached to vehicles; Safety devices for preventing accidents to passengers when entering or leaving vehicles