

**CPC****COOPERATIVE PATENT CLASSIFICATION****B61K**

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

**B61K 1/00**

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

**B61K 1/02**

- . transferring articles to and from moving trains, e.g. mailbag catchers

**B61K 3/00**

**Wetting or lubricating rails or wheel flanges**

**B61K 3/02**

- . Apparatus therefor combined with vehicles

**B61K 5/00**

**Apparatus for placing vehicles on the track; Derailers; Lifting of lowering rail vehicle axles or wheels** (hoisting apparatus [B66](#))

**B61K 5/02**

- . Devices secured to the vehicles; Turntables integral with the vehicles

**B61K 5/04**

- . Devices secured to the track

**B61K 5/06**

- . . Derailing or re-railing blocks

**B61K 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](#))

**B61K 7/02**

- . Track brakes or retarding apparatus (operating mechanisms for track-mounted scotch blocks [B61L](#))

**B61K 7/025**

- . . {Retarders of the mushroom type}

**B61K 7/04**

- . . with clamping action

**B61K 7/06**

- . . . operated mechanically

**B61K 7/08**

- . . . operated pneumatically or hydraulically

**B61K 7/10**

- . . electrodynamic (on vehicles [B60L](#)) { ([B61K 7/025](#) takes precedence)}

**B61K 7/12**

- . . electrically controlled {([B61K 7/025](#) takes precedence)}

**B61K 7/14**

- . Sand or like tracks

**B61K 7/16**

- . Positive railway stops

**B61K 7/18**

- . . Buffer stops

**B61K 7/20**

- . . Positive wheel stops

**B61K 7/22**

- . . Axle stops

**B61K 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**

**B61K 9/02**

- . Profile gauges, e.g. loading gauges

**B61K 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

**B61K 9/06**

- . . by detecting or indicating heat radiation from overheated axles

- B61K 9/08 . Measuring installations for surveying permanent way ([applications of measuring apparatus or devices for track building purposes E01B 35/00](#); measuring techniques [G01](#))
- B61K 9/10 . . for detecting cracks in rails or welds thereof
- B61K 9/12 . Measuring or surveying wheel-rims ([measuring techniques G01](#))
- B61K 11/00** **Servicing 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](#); [refueling locomotives with solid fuels B65G 67/18](#); [washing or cleaning boilers F28G](#))
- B61K 11/02 . Water columns for locomotives
- B61K 13/00** **Other auxiliaries or accessories for railways** ([safety belts or harnesses A62B 35/00](#))
- B61K 13/02 . Starting aids for cars amplifying the drawbar pull and transmitting it to the wheels
- B61K 13/04 . Passenger-warning devices attached to vehicles; Safety devices for preventing accidents to passengers when entering or leaving vehicles [{\(for preventing passengers from being injured by movements of doors B61D 19/026\)}](#)