

**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](#))