

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](#))

Guidance heading:**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](#)) }