

# CPC COOPERATIVE PATENT CLASSIFICATION

## B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

### TRANSPORTING

#### B61 RAILWAYS

(NOTE omitted)

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

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| <p><b>1/00</b> Transferring passengers, articles, or freight to and from moving trains; Slipping or coupling vehicles from or to moving trains</p> <p>1/02 . transferring articles to and from moving trains, e.g. mailbag catchers</p> <p><b>3/00</b> Wetting or lubricating rails or wheel flanges</p> <p>3/02 . Apparatus therefor combined with vehicles</p> <p><b>5/00</b> Apparatus for placing vehicles on the track; Derailers; Lifting or lowering rail vehicle axles or wheels (hoisting apparatus <a href="#">B66</a>)</p> <p>5/02 . Devices secured to the vehicles; Turntables integral with the vehicles</p> <p>5/04 . Devices secured to the track</p> <p>5/06 . . Derailing or re-railing blocks</p> <p><b>7/00</b> 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 <a href="#">B61H</a>)</p> <p>7/02 . Track brakes or retarding apparatus (operating mechanisms for track-mounted scotch blocks <a href="#">B61L</a>)</p> <p>7/025 . . {Retarders of the mushroom type}</p> <p>7/04 . . with clamping action</p> <p>7/06 . . . operated mechanically</p> <p>7/08 . . . operated pneumatically or hydraulically</p> <p>7/10 . . electrodynamic (on vehicles <a href="#">B60L</a> {; <a href="#">B61K 7/025</a> takes precedence})</p> <p>7/12 . . electrically controlled {(B61K 7/025 takes precedence)}</p> <p>7/14 . Sand or like tracks</p> <p>7/16 . Positive railway stops</p> <p>7/18 . . Buffer stops</p> <p>7/20 . . Positive wheel stops</p> <p>7/22 . . Axle stops</p> <p><b>9/00</b> 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</p> <p>9/02 . Profile gauges, e.g. loading gauges</p> <p>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</p> | <p>9/06 . . by detecting or indicating heat radiation from overheated axles</p> <p>9/08 . Measuring installations for surveying permanent way (applications of measuring apparatus or devices for track building purposes <a href="#">E01B 35/00</a>; measuring techniques <a href="#">G01</a>)</p> <p>9/10 . . for detecting cracks in rails or welds thereof</p> <p>9/12 . Measuring or surveying wheel-rims (measuring techniques <a href="#">G01</a>)</p> <p><b>11/00</b> 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 <a href="#">B61K 5/00</a>; filling stations for steam or pneumatic accumulator locomotives <a href="#">B61C 8/00</a>; water or fuel supply fittings on locomotives <a href="#">B61C 17/02</a>; refuelling locomotives with solid fuels <a href="#">B65G 67/18</a>; washing or cleaning boilers <a href="#">F28G</a>)</p> <p>11/02 . Water columns for locomotives</p> <p><b>13/00</b> Other auxiliaries or accessories for railways (safety belts or harnesses <a href="#">A62B 35/00</a>)</p> <p>13/02 . Starting aids for cars amplifying the drawbar pull and transmitting it to the wheels</p> <p>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 <a href="#">B61D 19/026</a>)}</p> |
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