

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

TRANSPORTING

B61 RAILWAYS

(NOTE omitted)

B61K AUXILIARY EQUIPMENT SPECIALLY ADAPTED FOR RAILWAYS, NOT OTHERWISE PROVIDED FOR

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| 1/00 | Transferring passengers, articles, or freight to and from moving trains; Slipping or coupling vehicles from or to moving trains | 9/12 | . Measuring or surveying wheel-rims |
| 1/02 | . transferring articles to and from moving trains, e.g. mailbag catchers | 11/00 | Serving peculiar to locomotives, e.g. filling with, or emptying of, water, sand or the like at the depots |
| 3/00 | Wetting or lubricating rails or wheel flanges | 11/02 | . Water columns for locomotives |
| 3/02 | . Apparatus therefor combined with vehicles | 13/00 | Other auxiliaries or accessories for railways |
| 5/00 | Apparatus for placing vehicles on the track; Derailers; Lifting or lowering rail vehicle axles or wheels | 13/02 | . Starting aids for cars amplifying the draw-bar pull and transmitting it to the wheels |
| 5/02 | . Devices secured to the vehicles; Turntables integral with the vehicles | 13/04 | . Passenger-warning devices attached to vehicles; Safety devices for preventing accidents to passengers when entering or leaving vehicles |
| 5/04 | . Devices secured to the track | | |
| 5/06 | . . Derailing 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 | | |
| 7/02 | . Track brakes or retarding apparatus | | |
| 7/025 | . . {Retarders of the mushroom type} | | |
| 7/04 | . . with clamping action | | |
| 7/06 | . . . operated mechanically | | |
| 7/08 | . . . operated pneumatically or hydraulically | | |
| 7/10 | . . electrodynamic {(B61K 7/025 takes precedence)} | | |
| 7/12 | . . electrically controlled {(B61K 7/025 takes precedence)} | | |
| 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 | | |
| 9/10 | . . for detecting cracks in rails or welds thereof | | |