

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 (energy-storing brakes [B61H](#); protection of permanent way against weather influences [E01B](#); rail cleaning, snow ploughs [E01H](#))

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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