

# 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](#))

<b>1/00</b>	<b>Transferring passengers, articles, or freight to and from moving trains; Slipping or coupling vehicles from or to moving trains</b>	<b>11/00</b>	<b>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 <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>; refueling locomotives with solid fuels <a href="#">B65G 67/18</a>; washing or cleaning boilers <a href="#">F28G</a>)</b>
1/02	. transferring articles to and from moving trains, e.g. mailbag catchers		
<b>3/00</b>	<b>Wetting or lubricating rails or wheel flanges</b>		
3/02	. Apparatus therefor combined with vehicles		
<b>5/00</b>	<b>Apparatus for placing vehicles on the track; Derailers; Lifting of lowering rail vehicle axles or wheels (hoisting apparatus <a href="#">B66</a>)</b>	<b>11/02</b>	. Water columns for locomotives
5/02	. Devices secured to the vehicles; Turntables integral with the vehicles	<b>13/00</b>	<b>Other auxiliaries or accessories for railways (safety belts or harnesses <a href="#">A62B 35/00</a>)</b>
5/04	. Devices secured to the track	13/02	. Starting aids for cars amplifying the drawbar pull and transmitting it to the wheels
5/06	. . Derailing or re-railing blocks	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> )}
<b>7/00</b>	<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>)</b>		
7/02	. Track brakes or retarding apparatus (operating mechanisms for track-mounted scotch blocks <a href="#">B61L</a> )		
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 (on vehicles <a href="#">B60L</a> {; <a href="#">B61K 7/025</a> takes precedence})		
7/12	. . electrically controlled {( <a href="#">B61K 7/025</a> 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		
<b>9/00</b>	<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</b>		
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 (applications of measuring apparatus or devices for track building purposes <a href="#">E01B 35/00</a> ; measuring techniques <a href="#">G01</a> )		
9/10	. . for detecting cracks in rails or welds thereof		
9/12	. Measuring or surveying wheel-rims (measuring techniques <a href="#">G01</a> )		