

# 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.

<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>	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
<b>3/00</b>	<b>Wetting or lubricating rails or wheel flanges</b>	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> )
3/02	• Apparatus therefor combined with vehicles	9/10	• . for detecting cracks in rails or welds thereof
<b>5/00</b>	<b>Apparatus for placing vehicles on the track; Derailers; Lifting or lowering rail vehicle axles or wheels (hoisting apparatus <a href="#">B66</a>)</b>	9/12	• Measuring or surveying wheel-rims (measuring techniques <a href="#">G01</a> )
5/02	• Devices secured to the vehicles; Turntables integral with the vehicles	<b>11/00</b>	<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>)</b>
5/04	• Devices secured to the track		
5/06	• . Derailing or re-railing blocks		
<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>	11/02	• Water columns for locomotives
7/02	• Track brakes or retarding apparatus (operating mechanisms for track-mounted scotch blocks <a href="#">B61L</a> )	<b>13/00</b>	<b>Other auxiliaries or accessories for railways (safety belts or harnesses <a href="#">A62B 35/00</a>)</b>
7/025	• . {Retarders of the mushroom type}	13/02	• Starting aids for cars amplifying the drawbar pull and transmitting it to the wheels
7/04	• . with clamping action	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> )}
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		