

## ECLA EUROPEAN CLASSIFICATION

<b>B61K</b>	<b>OTHER AUXILIARY EQUIPMENT FOR RAILWAYS</b> (energy storing brakes <a href="#">B61H</a> ; protection of permanent way against weather influences <a href="#">E01B</a> ; rail cleaning, snow ploughs <a href="#">E01H</a> )
<b>B61K1/00</b>	<b>Transferring passengers, articles, or freight to and from moving trains; Slipping or coupling vehicles from or to moving trains</b>
B61K1/02	. transferring articles to and from moving trains, e.g. mailbag catchers
<b>B61K3/00</b>	<b>Wetting or lubricating rails or wheel flanges</b>
B61K3/02	. Apparatus therefor combined with vehicles
<b>B61K5/00</b>	<b>Apparatus for placing vehicles on the track; Derailers; Lifting of lowering rail vehicle axles or wheels</b> (hoisting apparatus <a href="#">B66</a> )
B61K5/02	. Devices secured to the vehicles; Turntables integral with the vehicles
B61K5/04	. Devices secured to the track
B61K5/06	. . Derailing or re-railing blocks
<b>B61K7/00</b>	<b>Railway stops fixed to permanent way; Track brakes or retarding apparatus fixed to permanent way; Sand tracks or the like</b> (skids, wedges, vehicle-mounted scotch blocks <a href="#">B61H</a> )
B61K7/02	. Track brakes or retarding apparatus (operating mechanisms for track-mounted scotch blocks <a href="#">B61L</a> )
B61K7/02B	. . [N: Retarders of the mushroom type]
B61K7/04	. . with clamping action
B61K7/06	. . . operated mechanically
B61K7/08	. . . operated pneumatically or hydraulically
B61K7/10	. . electrodynamic (on vehicles <a href="#">B60L</a> ) [N: ( <a href="#">B61K7/02B</a> takes precedence)]
B61K7/12	. . electrically controlled [N: ( <a href="#">B61K7/02B</a> takes precedence)]
B61K7/14	. Sand or like tracks
B61K7/16	. Positive railway stops
B61K7/18	. . Buffer stops
B61K7/20	. . Positive wheel stops
B61K7/22	. . Axle stops
<b>B61K9/00</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>

- B61K9/02 . Profile gauges, e.g. loading gauges
- B61K9/04 . 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
- B61K9/06 . . by detecting or indicating heat radiation from overheated axles
- B61K9/08 . Measuring installations for surveying permanent way ([applications of measuring apparatus or devices for track building purposes E01B35/00](#); measuring techniques [G01](#))
- B61K9/10 . . for detecting cracks in rails or welds thereof
- B61K9/12 . Measuring or surveying wheel-rims ([measuring techniques G01](#))
- B61K11/00** **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 B61K5/00](#); filling stations for steam or pneumatic accumulator locomotives [B61C8/00](#); water or fuel supply fittings on locomotives [B61C17/02](#); refueling locomotives with solid fuels [B65G67/18](#); washing or cleaning boilers [F28G](#))
- B61K11/02 . Water columns for locomotives
- B61K13/00** **Other auxiliaries or accessories for railways** ([safety belts or harnesses A62B35/00](#))
- B61K13/02 . Starting aids for cars amplifying the drawbar pull and transmitting it to the wheels
- B61K13/04 . Passenger-warning devices attached to vehicles; Safety devices for preventing accidents to passengers when entering or leaving vehicles [**N: (for preventing passengers from being injured by movements of doors [B61D19/02C](#))**]