

Symbol	Typ	Titel
B	Sektion	SECTION B — PERFORMING OPERATIONS; TRANSPORTING
B61	Klasse	RAILWAYS
B61C	Unterklasse	LOCOMOTIVES; MOTOR RAILCARS (vehicles in general B60; frames or bogies B61F; special railroad equipment for locomotives B61J, B61K)
		<u>Locomotives or motor railcars in general or characterised by the type of motive power plant used</u>
B61C 1/00	Hauptgruppe	Steam locomotives or railcars (characterised by power transmissions B61C 9/00; engines F01; boilers F22B)
B61C 1/02	1-Punkt Untergruppe	. of articulated construction; with two or more engines (appliances of booster engines B61C 15/02)
B61C 1/04	1-Punkt Untergruppe	. with steam accumulators (steam accumulators F01K)
B61C 1/06	1-Punkt Untergruppe	. Streamlining (of coachwork B61D)
B61C 1/08	1-Punkt Untergruppe	. Arrangement or disposition of combustion apparatus or accessories therefor
B61C 1/10	1-Punkt Untergruppe	. Arrangement or disposition of steam generators
B61C 1/12	1-Punkt Untergruppe	. Arrangement or disposition of condensers
B61C 1/14	1-Punkt Untergruppe	. Arrangement or disposition of exhaust apparatus
B61C 3/00	Hauptgruppe	Electric locomotives or railcars (characterised by power transmission B61C 9/00; electrical features B60L, H02)
B61C 3/02	1-Punkt Untergruppe	. with electric accumulators
B61C 5/00	Hauptgruppe	Locomotives or motor railcars with IC engines or gas turbines (characterised by power transmission B61C 9/00; engines F02)
B61C 5/02	1-Punkt Untergruppe	. Arrangement or disposition of intakes and apparatus for supplying, circulating, or filtering air for combustion or engine-cooling purposes
B61C 5/04	1-Punkt Untergruppe	. Arrangement or disposition of exhaust apparatus
B61C 7/00	Hauptgruppe	Other locomotives or motor railcars
B61C 7/02	1-Punkt Untergruppe	. Locomotives or motor railcars with pneumatic accumulators
B61C 7/04	1-Punkt Untergruppe	. Locomotives or motor railcars with two or more different kinds or types of engines, e.g. steam and IC engines
B61C 8/00	Hauptgruppe	Filling stations for steam- or pneumatic-accumulator locomotives or motor railcars
B61C 9/00	Hauptgruppe	Locomotives or motor railcars characterised by the type of transmission system used; Transmission systems specially adapted for locomotives or motor railcars (machine elements F16)
B61C 9/02	1-Punkt Untergruppe	. Transmission systems in or for locomotives or motor railcars with reciprocating-piston steam engines
B61C 9/04	2-Punkt Untergruppe	. . consisting of cranked axles and coupling-rods
B61C 9/06	2-Punkt Untergruppe	. . having toothed, chain, friction, or belt gearing
B61C 9/08	1-Punkt Untergruppe	. Transmission systems in or for locomotives or motor railcars with IC reciprocating-piston engines
B61C 9/10	2-Punkt Untergruppe	. . mechanical (combined with hydraulic gearing B61C 9/14)
B61C 9/12	3-Punkt Untergruppe	. . . with change-speed gearing
B61C 9/14	2-Punkt Untergruppe	. . hydraulic, including combinations with mechanical gearing
B61C 9/16	3-Punkt Untergruppe	. . . using gearing of the hydrostatic type

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B61C 9/18	3-Punkt Untergruppe	. . . using gearing of the hydrokinetic type
B61C 9/20	4-Punkt Untergruppe	 with mechanical change-speed gearing
B61C 9/22	2-Punkt Untergruppe	. . pneumatic
B61C 9/24	2-Punkt Untergruppe	. . electric (B61C 9/38 takes precedence)
B61C 9/26	2-Punkt Untergruppe	. . with transmission shafts at an angle to the driving axles
B61C 9/28	1-Punkt Untergruppe	. Transmission systems in or for locomotives or motor railcars with rotary prime movers, e.g. turbines
B61C 9/30	2-Punkt Untergruppe	. . mechanical (combined with hydraulic gearing B61C 9/34)
B61C 9/32	3-Punkt Untergruppe	. . . with change-speed gearing
B61C 9/34	2-Punkt Untergruppe	. . hydraulic, including combinations with mechanical gearing
B61C 9/36	2-Punkt Untergruppe	. . electric (B61C 9/38 takes precedence)
B61C 9/38	1-Punkt Untergruppe	. Transmission systems in or for locomotives or motor railcars with electric motor propulsion (electrical features B60L, H02)
B61C 9/40	2-Punkt Untergruppe	. . with cranked axles and coupling-rods
B61C 9/42	2-Punkt Untergruppe	. . hydraulic
B61C 9/44	2-Punkt Untergruppe	. . with hollow transmission shaft concentric with wheel axis
B61C 9/46	2-Punkt Untergruppe	. . with motors forming parts of wheels
B61C 9/48	2-Punkt Untergruppe	. . with motors supported on vehicle frames and driving axles, e.g. axle or nose suspension
B61C 9/50	3-Punkt Untergruppe	. . . in bogies
B61C 9/52	2-Punkt Untergruppe	. . with transmission shafts at an angle to the driving axles
B61C 11/00	Hauptgruppe	<u>Locomotives or motor railcars characterised by the type of means applying the tractive effort, or by their application to special railway systems or purposes</u> Locomotives or motor railcars characterised by the type of means applying the tractive effort; Arrangement or disposition of running gear other than normal driving wheels (construction of wheels B60B)
B61C 11/02	1-Punkt Untergruppe	. tractive effort applied to cables or chains
B61C 11/04	1-Punkt Untergruppe	. tractive effort applied to racks
B61C 11/06	1-Punkt Untergruppe	. tractive effort applied or supplied by aerodynamic force or fluid reaction, e.g. air-screws or jet or rocket propulsion
B61C 13/00	Hauptgruppe	Locomotives or motor railcars characterised by their application to special systems or purposes (B61C 11/00 takes precedence; self-propelled scaffold cars, break-down cranes, inspection trolleys B61D 15/00; general design of track recording vehicles B61K 9/00)
B61C 13/02	1-Punkt Untergruppe	. for towing or transporting ships or for like special purposes
B61C 13/04	1-Punkt Untergruppe	. for elevated railways with rigid rails (B61C 13/08 takes precedence)
B61C 13/06	1-Punkt Untergruppe	. for railways with suspended flexible tracks, e.g. rope railways
B61C 13/08	1-Punkt Untergruppe	. for saddle or like balanced-type railways
B61C 15/00	Hauptgruppe	<u>Details or accessories not otherwise provided for</u> Maintaining or augmenting the starting or braking power by auxiliary devices and measures; Preventing wheel slippage; Controlling distribution of tractive effort between driving wheels (

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		propelling locomotives or motor railcars by special means B61C 11/00; driving wheels with non-slipping devices B60B; brakes B61H; wetting or lubricating rails B61K)
B61C 15/02	1-Punkt Untergruppe	. by auxiliary driving wheels; by temporary coupling or use of flywheels or booster engines
B61C 15/04	1-Punkt Untergruppe	. by controlling wheel pressure, e.g. by movable weights or heavy parts or by magnetic devices (magnetic brakes B61H)
B61C 15/06	2-Punkt Untergruppe	. . by displacing fuel, ballast, or the like
B61C 15/08	1-Punkt Untergruppe	. Preventing wheel slippage (adjusting wheel-braking force to prevent wheel slippage B60T 8/00)
B61C 15/10	2-Punkt Untergruppe	. . by depositing sand or like friction-increasing materials (for vehicles in general B60B; combined control of sanding apparatus and brakes B61H)
B61C 15/12	2-Punkt Untergruppe	. . by reducing the driving power
B61C 15/14	1-Punkt Untergruppe	. controlling distribution of tractive effort between driving wheels
B61C 17/00	Hauptgruppe	Arrangement or disposition of parts; Details or accessories not otherwise provided for; Use of control gear and control systems [2]
B61C 17/02	1-Punkt Untergruppe	. Bunkers; Tanks; Tenders (coachwork B61D); Water or fuel pick-up or scoop apparatus; Water or fuel supply fittings (trackside installations, e.g. bunkers, tanks, for filling locomotives with sand or water B61K 11/00)
B61C 17/04	1-Punkt Untergruppe	. Arrangement or disposition of driving cabins, footplates, or engine rooms; Ventilation thereof (driving cabins or accessories B61D)
B61C 17/06	1-Punkt Untergruppe	. Power storing devices
B61C 17/08	1-Punkt Untergruppe	. Lubrication systems (in general F16N)
B61C 17/10	1-Punkt Untergruppe	. Connecting-rods for driving wheels; Arrangements of their bearings (connecting-rods or bearings, in general F16C 7/00, F16C 9/04)
B61C 17/12	1-Punkt Untergruppe	. Control gear; Arrangements for controlling locomotives from remote points in the train or when operating in multiple units (control from points outside the train B61L 3/00; fluid-actuated telemotors, servomotors F15B; control devices in general G05)