Title (en)

DRIVEN RUNNING GEAR WITH STEERABLE INDIVIDUAL UNITS

Publication

EP 0439574 B1 19930929 (DE)

Application

EP 90911997 A 19900817

Priority

CH 304289 A 19890821

Abstract (en)

[origin: WO9102673A1] The driven running gear is intended for underslung rail vehicles with at least two articulated body units. It has two individual sets of running gear (2, 2') fitted with steering means (15, 15', 16). These are interconnected to pivot about their horizontal axis beneath the centre of the wheel axles (8, 8') by a link (3), which, at its ends, has transverse bearers (4, 4') to support a body unit to which are secured at least one motor (21, 21') and a brake (23, 23', 24, 24') which drive and brake the running gear (1) via telescopic transmission shafts (25, 25') and bevel gear drives (26, 26') fitted on the outsides of the wheels on both individual sets of running gear (2, 2'). Thus, when the vehicle is taking a curve, the angle formed between a leading body unit beneath which there is such a set of running gear and a trailing body unit also supported on an axle is transmitted to the steerable individual running gears units so that the pairs of wheels assume the desired radial position.

IPC 1-7

B61D 13/00; B61F 3/04; B61F 5/44

IPC 8 full level

B61F 5/40 (2006.01); **B61D 13/00** (2006.01); **B61F 3/04** (2006.01); **B61F 5/00** (2006.01); **B61F 5/38** (2006.01); **B61F 5/44** (2006.01); **B61G 5/02** (2006.01)

IPC 8 main group level

B61F (2006.01)

CPC (source: EP)

B61D 13/00 (2013.01); **B61F 3/04** (2013.01); **B61F 5/44** (2013.01); **B61G 5/02** (2013.01)

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DE29508462U1; DE19918071C1; DE4429889A1; EP0698540A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 9102673 A1 19910307; AT E95126 T1 19931015; AU 6157590 A 19910403; AU 635557 B2 19930325; BG 60049 B2 19930830; CA 2039139 A1 19910222; CS 405890 A2 19911217; DD 297121 A5 19920102; DE 59002942 D1 19931104; DK 0439574 T3 19940221; EP 0439574 A1 19910807; EP 0439574 B1 19930929; ES 2045940 T3 19940116; FI 911895 A0 19910419; GR 1000948 B 19930316; GR 900100602 A 19911230; HU 906758 D0 19910729; HU T57135 A 19911128; JP H04501244 A 19920305; NO 177049 B 19950403; NO 177049 C 19950712; NO 911559 D0 19910419; NO 911559 L 19910419; PL 164166 B1 19940630; PL 286557 A1 19910325; PT 95048 A 19920331; PT 95048 B 19980430; RO 114108 B1 19990129; SU 1838167 A3 19930830; YU 160090 A 19940510; YU 47663 B 19951204; ZA 906569 B 19910529

DOCDB simple family (application)

CH 9000195 W 19900817; AT 90911997 T 19900817; AU 6157590 A 19900817; BG 9429591 A 19910422; CA 2039139 A 19900817; CS 405890 A 19900820; DD 34347090 A 19900815; DE 59002942 T 19900817; DK 90911997 T 19900817; EP 90911997 A 19900817; ES 90911997 T 19900817; FI 911895 A 19910419; GR 900100602 A 19900809; HU 675890 A 19900817; JP 51116990 A 19900817; NO 911559 A 19910419; PL 28655790 A 19900820; PT 9504890 A 19900821; RO 14738390 A 19900817; SU 4895172 A 19910419; YU 160090 A 19900821; ZA 906569 A 19900820