

Title (en)
RAIL-BOUND ELECTRIC TRACTION VEHICLE

Publication
EP 0025771 B1 19840118 (DE)

Application
EP 80730054 A 19800807

Priority
DE 2936734 A 19790907

Abstract (en)
[origin: EP0025771A1] 1. A rail-carried electric drive vehicle, in which an electric traction motor (2) arranged in the longitudinal direction of the vehicle drives two drive axles (1), each drive axle (1) being connected to the large wheel of a gearing through an elastic coupling (3), a cardan hollow shaft (4) and a further elastic coupling (5), the pinion of the large wheel being driven by an end of the rotor shaft of the traction motor (2), and the traction motor (2) and the gearing being resiliently suspended in the underframe or pivoted bogie (10), characterised in that two articulated swing bearings (9) arranged on each side of the traction motor (2) serve for suspension, which swing bearings (9) include a spring damping element (13) and the hinge point (12) of the swing bearings (9) leading to the traction motor (2), or to the drive unit (8) formed from the traction motor (2) and the gearing, is located below the central line of the drive axles (1), and the other hinge point (11) of the swing bearings (9) is arranged in the underframe or pivoted bogie (10) ; and that at least two control levers (14) arranged in the longitudinal direction are located between the traction motor (2), or drive unit (8), and the underframe or pivoted bogie (10).

IPC 1-7
B61C 9/50; **B61F 3/04**

IPC 8 full level
B61C 9/50 (2006.01); **B61F 3/04** (2006.01)

CPC (source: EP)
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Cited by
US11180168B2; WO2016045865A1

Designated contracting state (EPC)
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EP 0025771 A1 19810325; **EP 0025771 B1 19840118**; AT E5868 T1 19840215; DE 2936734 A1 19810319

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