

Title (en)

Railway vehicles for an optimised use of the clearance gauge of railway tracks

Title (de)

Schienenfahrzeuge für eine optimierte Ausnutzung des Lichtraumprofils von Bahngleisen

Title (fr)

Véhicules ferroviaires permettant une utilisation optimisée du gabarit des voies ferrées

Publication

**EP 0749881 B1 20010103 (FR)**

Application

**EP 96470015 A 19960621**

Priority

FR 9507798 A 19950623

Abstract (en)

[origin: EP0749881A1] The rail vehicle has a chassis (19) which has towards each of its ends a pivoted bogey (11). The bogey pivot comprises two rods (41,42) which are arranged so that the bogie pivots about a fictitious axis (16) moved backwards to the vehicle middle. A control (50) angularly positions the bogey relative to the chassis about the pivot axis as a function of the angle between the vehicle longitudinal axis (17) and the track direction at the vehicle end supported by the bogey. The pivoting rods are located either side the vehicle axis and connect the chassis to a bogey support plate (40). The rods are pivoted on the chassis and on the plate and extend in the respective convergent directions (47,48). The intersection point of these directions is displaced towards the middle of the vehicle.

IPC 1-7

**B61F 5/44**; **B61F 5/42**

IPC 8 full level

**B61F 5/42** (2006.01); **B61F 5/44** (2006.01)

CPC (source: EP)

**B61F 5/42** (2013.01); **B61F 5/44** (2013.01)

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**EP 0749881 A1 19961227**; **EP 0749881 B1 20010103**; AT E198451 T1 20010115; DE 69611399 D1 20010208; DE 69611399 T2 20010523; FR 2735740 A1 19961227; FR 2735740 B1 19970822

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