

Title (en)

Railway vehicle and railway train for such a vehicle

Title (de)

Schienenfahrzeug und Fahrwerk für ein derartiges Fahrzeug

Title (fr)

Véhicule ferroviaire et train de roulement pour un tel véhicule

Publication

**EP 0649782 B1 19991117 (DE)**

Application

**EP 94810172 A 19940321**

Priority

CH 316993 A 19931021

Abstract (en)

[origin: EP0649782A1] The railway vehicle has at least one bogie (1) with two wheel set units (12, 12') which are connected to one another in an articulated fashion via a coupling arrangement. This bogie 1 is constructed as a frameless bearing arrangement and the vehicle body (17) is mounted on spring elements (10) and has at least one guide device or at least one pendulum (11) between the bogie (1) and the vehicle body (17). By omitting the complex rotary bogie frame, the structure is greatly simplified and thus lightweight and compact. The radially adjustable wheel set units (12, 12') can be additionally arranged at a small distance from one another. The frameless bogie (1) is therefore in particular highly suitable for railway vehicles on rail networks which have tight bends. <IMAGE>

IPC 1-7

**B61F 3/04**; **B61F 5/38**

IPC 8 full level

**B61F 3/04** (2006.01); **B61F 5/38** (2006.01); **B61F 5/44** (2006.01)

CPC (source: EP US)

**B61F 3/04** (2013.01 - EP US); **B61F 5/38** (2013.01 - EP US); **B61F 5/44** (2013.01 - EP US)

Cited by

EP0958983A1; EP2559605A3; DE10148017A1; EP0930210A1; EP0952061A1; WO2008065169A1; EP0838386A1; WO0226542A1; WO2008145641A1

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