

Title (en)

Rail vehicle, drive unit for a rail vehicle and method for operating a rail vehicle

Title (de)

Schienenfahrzeug, Laufwerkseinheit für ein Schienenfahrzeug und Verfahren zum Betreiben eines Schienenfahrzeugs

Title (fr)

Véhicule sur rails, unité de train de roulement pour un véhicule sur rails et procédé de fonctionnement d'un véhicule sur rails

Publication

EP 2423067 B1 20161130 (DE)

Application

EP 11165725 A 20110511

Priority

- DE 102010035903 A 20100826
- DE 102010035902 A 20100826

Abstract (en)

[origin: EP2423067A1] The vehicle (100) has outer drive units (110, 130) and an inner drive unit (120) arranged at a vehicle frame (102) concerning to a longitudinal axis (103). A coupling device (200) is arranged between the drive units i.e. bogies. The coupling device converts transverse displacement of the inner drive unit with respect to a neutral position at the longitudinal axis into steering movement such as rotation movement around a vertical axis, of the outer drive units and vice versa. The coupling device has partial hydraulic, pneumatic, electronic and/or electrical components e.g. steering units. An independent claim is also included for a method for operating a rail vehicle.

IPC 8 full level

B61F 5/48 (2006.01); **B61F 3/02** (2006.01); **B61F 5/46** (2006.01)

CPC (source: EP)

B61F 3/02 (2013.01); **B61F 5/383** (2013.01); **B61F 5/386** (2013.01); **B61F 5/48** (2013.01)

Cited by

CN112424048A; EP3078561A1; US12084097B2

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DOCDB simple family (publication)

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