

Title (en)

ELECTRIC VEHICLE, ESPECIALLY AN ELECTRICALLY POWERED RAIL VEHICLE, E.G. A LOW-PLATFORM TRAMCAR

Title (de)

ELEKTROFAHRZEUG, INSBESONDERE ELEKTRISCH ANGETRIEBENES SCHIENENFAHRZEUG, ZUM BEISPIEL
NIEDERFLURSTRASSENBAHN

Title (fr)

VEHICULE ELECTRIQUE, NOTAMMENT VEHICULE SUR RAILS A ENTRAINEMENT ELECTRIQUE, PAR EXEMPLE TRAMWAY A PLATE-
FORME BASSE

Publication

EP 0814993 A1 19980107 (DE)

Application

EP 96905585 A 19960321

Priority

- AT 9600055 W 19960321
- AT 51995 A 19950323

Abstract (en)

[origin: WO9629224A1] The invention relates to an electric vehicle, especially an electrically powered rail vehicle (10), i.e. a low-platform tramcar, with at least one drivable wheel (2) of a bogie (7) fitted about a spindle (1) and an electric motor (3) in the region of said wheel (2) arranged in such a way that its rigid drive shaft (4) extends approximately parallel to the direction of travel. The drive shaft (4) is connected to the wheel (2) via a transmission (5) and an elastic coupling (8). This construction permits a high motor output with a low centre of gravity of the vehicle and reduced narrowing of the passage clearance inside the vehicle.

IPC 1-7

B61C 9/52; **B61F 3/04**; **B61D 13/00**

IPC 8 full level

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CPC (source: EP)

B61C 9/52 (2013.01); **B61D 13/00** (2013.01); **B61F 3/04** (2013.01)

Cited by

CN110662685A; WO2018215147A1

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DOCDB simple family (publication)

WO 9629224 A1 19960926; AT 406569 B 20000626; AT A51995 A 19991115; AT E192391 T1 20000515; DE 59605134 D1 20000608;
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