

Title (en)

RAIL-ROAD VEHICLE COMPRISING A DRIVE DEVICE FOR OPERATION ON RAILS

Title (de)

ZWEIWEGEFAHRZEUG MIT EINER ANTRIEBSEINRICHTUNG FÜR DEN SCHIENENBETRIEB

Title (fr)

VEHICULE RAIL-ROUTE COMPRENANT UN SYSTEME D'ENTRAINEMENT POUR LE FONCTIONNEMENT SUR RAILS

Publication

EP 1817182 A2 20070815 (DE)

Application

EP 05795190 A 20051021

Priority

- EP 2005011332 W 20051021
- DE 102004057951 A 20041130

Abstract (en)

[origin: WO2006058580A2] The invention relates to a road-rail vehicle (1), especially a road-rail heavy goods vehicle, comprising a drive device (4) for operation on rails, said device having a first and a second rail driving wheel (8, 10) interlinked via a rail axle (6). A first friction drum (12) is coupled to the rail driving wheels (8, 10) via a first transmission (22) and a second friction drum (14) is coupled to the rail driving wheels (8, 10) via a second transmission (28). The first and second friction drum (12, 14) can be placed against the peripheral surface of the respective road driving wheel (18, 20) associated therewith. A coupling device (26, 32) couples, depending on the desired rotational sense of the rail driving wheels (8, 10), the first friction drum (12) to the rail driving wheels via the first transmission (22) or the second friction drum (14) via the second transmission (28). The inventive rail-road vehicle is characterized in that the first transmission (22) comprises a first plurality of gears (25) and the second transmission (28) comprises a second plurality of gears (34), the difference between the first plurality and the second plurality of gears (25, 34) being an odd number different from zero.

IPC 8 full level

B60F 1/04 (2006.01)

CPC (source: EP)

B60F 1/043 (2013.01); **B61C 11/005** (2013.01); **B61D 15/00** (2013.01)

Citation (search report)

See references of WO 2006058580A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

DE 102004057951 A1 20060608; **DE 102004057951 B4 20130620**; EP 1817182 A2 20070815; WO 2006058580 A2 20060608; WO 2006058580 A3 20070208

DOCDB simple family (application)

DE 102004057951 A 20041130; EP 05795190 A 20051021; EP 2005011332 W 20051021