

Title (en)

DATA TRANSFER DEVICE FOR RAIL VEHICLES

Title (de)

DATENÜBERTRAGUNGSVORRICHTUNG FÜR SCHIENENFAHRZEUGE

Title (fr)

DISPOSITIF DE TRANSMISSION DE DONNÉES POUR VÉHICULES FERROVIAIRES

Publication

**EP 3472022 A1 20190424 (DE)**

Application

**EP 17729441 A 20170607**

Priority

- DE 102016111098 A 20160617
- EP 2017063771 W 20170607

Abstract (en)

[origin: WO2017215993A1] The invention relates to a data transfer device for rail vehicles (101), which data transfer device is designed in such a way that first transmitting and/or receiving apparatuses (103) are arranged at the two ends of a rail vehicle (101) such that data can be transferred by wireless communication between two rail vehicles (101) set adjacent to each other in an assemblage of rail vehicles (101). Said device is intended to enable reliable communication between two rail vehicles (101) adjacent to each other in a train and between the two ends of a rail vehicle (101). For this purpose, second transmitting and/or receiving apparatuses (105) are arranged at the two ends of the rail vehicle (101) such that data can be transferred by wireless communication between the two ends of the rail vehicle (101). The invention further relates to a rail vehicle (101) having a data transfer device according to the invention and a brake controller for a rail vehicle (101), in which brake controller brake signals can be transferred by means of a data transfer device according to the invention.

IPC 8 full level

**B61L 15/00** (2006.01)

CPC (source: EP)

**B61L 15/0027** (2013.01); **B61L 15/0036** (2013.01)

Citation (search report)

See references of WO 2017215993A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102016111098 A1 20171221**; EP 3472022 A1 20190424; EP 3472022 B1 20231206; ES 2970529 T3 20240529; WO 2017215993 A1 20171221

DOCDB simple family (application)

**DE 102016111098 A 20160617**; EP 17729441 A 20170607; EP 2017063771 W 20170607; ES 17729441 T 20170607