

Title (en)  
DATA TRANSFER DEVICE FOR RAIL VEHICLES

Title (de)  
DATENÜBERTRAGUNGSVORRICHTUNG FÜR SCHIENENFAHRZEUGE

Title (fr)  
DISPOSITIF DE TRANSMISSION DE DONNÉES POUR VÉHICULES FERROVIAIRES

Publication  
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Application  
**EP 17729441 A 20170607**

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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.

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

Citation (opposition)  
Opponent : Voith Patent GmbH  
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• US 2014166821 A1 20140619 - KELLEHER RAYMOND THOMAS [US]  
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• DE 102009016763 A1 20101021 - SIEMENS AG [DE]  
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• EP 1762455 A1 20070314 - VOITH TURBO SCHARFENBERG GMBH [DE]  
• DE 102004037849 A1 20050707 - SIEMENS AG [DE]  
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