

Title (en)

DEVICE FOR FORCE TRANSFER BETWEEN CHASSIS FRAME AND CARRIAGE BODY OF A RAIL VEHICLE

Title (de)

VORRICHTUNG ZUR KRAFTÜBERTRAGUNG ZWISCHEN FAHRWERKSRAHMEN UND WAGENKASTEN EINES SCHIENENFAHRZEUGES

Title (fr)

DISPOSITIF DE TRANSMISSION DE FORCE ENTRE UN CHÂSSIS DE ROULEMENT ET UNE SUPERSTRUCTURE D'UN VÉHICULE FERROVIAIRE

Publication

**EP 3259167 A1 20171227 (DE)**

Application

**EP 16703985 A 20160211**

Priority

- AT 501232015 A 20150218
- EP 2016052937 W 20160211

Abstract (en)

[origin: WO2016131707A1] Device for force transfer between a chassis frame (1) and a carriage body of a rail vehicle, comprising two lemniscate links (4, 5) which are connected with the chassis frame (1) via first joints (6, 7), a yoke (10) with a middle linking point (11), in which a pivot pin (12) of the carriage body can be mounted, wherein the lemniscate links (4, 5) are connected to the yoke (10) via second joints (8, 9) and form a Z-shaped assembly, and wherein elastically deformable elements (13) are arranged in the joints (6, 7, 8, 9) and in the yoke (10). Limiting means (14) are provided for receiving impact loads that exceed the operating load, in order to limit the maximum deflection of the middle linking point (11) of the yoke (10) in a tractive force direction (15) parallel to a tractive force acting on the chassis frame (1).

IPC 8 full level

**B61F 5/16** (2006.01); **B61F 5/22** (2006.01)

CPC (source: AT CN EP RU US)

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Citation (search report)

See references of WO 2016131707A1

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