

Title (en)

DEVICE FOR TRANSMITTING A FORCE BETWEEN A CHASSIS AND A BODY OF A RAIL VEHICLE

Title (de)

VORRICHTUNG ZUR KRAFTÜBERTRAGUNG ZWISCHEN FAHRWERK UND WAGENKASTEN EINES SCHIENENFAHRZEUGS

Title (fr)

DISPOSITIF DE TRANSMISSION DE FORCE ENTRE LE CHÂSSIS ET LA CAISSE D'UN VÉHICULE FERROVIAIRE

Publication

EP 2841318 A1 20150304 (DE)

Application

EP 13719431 A 20130404

Priority

- AT 501472012 A 20120426
- EP 2013057105 W 20130404

Abstract (en)

[origin: WO2013160079A1] The invention relates to a device for transmitting a force between a chassis (1) and a body (2) of a rail vehicle. The aim of the invention is to provide a structurally simple, space-saving device which allows spring movements and rotational movements of the body (2) relative to the chassis (1). According to the invention, this is achieved in that at least one first traction link buffer (9), which has a first end face (16), and at least one second traction link buffer (10), which has a second end face (17), are fixed to the chassis (1). The first end face (16) is spaced from the second end face (17) in a longitudinal direction (3) of the rail vehicle. The two end faces (16, 17) point in at least approximately opposite directions, and a stop plate (11) with sliding portions (18) which are mutually spaced in the longitudinal direction (3) is provided on the body (2), said end faces (16, 17) of the traction link buffers (9, 10) resting against the sliding portions in a slidable manner at least along some sections.

IPC 8 full level

B61F 5/00 (2006.01)

CPC (source: EP RU US)

B61F 5/02 (2013.01 - RU US); **B61F 5/08** (2013.01 - EP RU US)

Citation (search report)

See references of WO 2013160079A1

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)

WO 2013160079 A1 20131031; AT 513078 A1 20140115; AU 2013251907 A1 20141016; AU 2016204429 A1 20160721; BR 112014026441 A2 20170627; CA 2871511 A1 20131031; CN 104245472 A 20141224; CN 104245472 B 20170620; DK 2841318 T3 20190304; EP 2841318 A1 20150304; EP 2841318 B1 20181205; ES 2714499 T3 20190528; PL 2841318 T3 20190531; RU 2014143034 A 20160610; RU 2607964 C2 20170111; TR 201901971 T4 20190321; US 2015144026 A1 20150528; US 9694831 B2 20170704

DOCDB simple family (application)

EP 2013057105 W 20130404; AT 501472012 A 20120426; AU 2013251907 A 20130404; AU 2016204429 A 20160628; BR 112014026441 A 20130404; CA 2871511 A 20130404; CN 201380021869 A 20130404; DK 13719431 T 20130404; EP 13719431 A 20130404; ES 13719431 T 20130404; PL 13719431 T 20130404; RU 2014143034 A 20130404; TR 201901971 T 20130404; US 201314396772 A 20130404