

Title (en)

Joint coupling between rail vehicles

Title (de)

Gelenkverbindung zwischen Schienenfahrzeugen

Title (fr)

Articulation d'accouplement entre une première voiture et une seconde voiture d'un véhicule notamment ferroviaire

Publication

EP 2248706 B1 20120620 (FR)

Application

EP 10305441 A 20100427

Priority

FR 0953009 A 20090506

Abstract (en)

[origin: EP2248706A1] The joint has an element i.e. guide (33), connected to a coach, and another element i.e. slide (35), connected to another coach. A displacement unit displaces the slide element in translation with respect to the guide during an impact. An energy absorption unit (56) is placed between the coaches. The absorption unit is placed between the guide and the slide. The guide is designed for allowing persons to pass between the coaches. The slide is mounted on the guide, where the slide and the guide are formed from a single piece. A maintaining unit maintains the slide with respect to the guide.

IPC 8 full level

B61D 3/10 (2006.01); **B61G 5/02** (2006.01)

CPC (source: EP KR US)

B61D 3/10 (2013.01 - EP US); **B61D 15/06** (2013.01 - KR); **B61G 5/02** (2013.01 - EP US); **B61G 7/10** (2013.01 - KR); **B61G 9/04** (2013.01 - KR); **B61G 11/00** (2013.01 - KR)

Cited by

CN112298231A; CN104608780A; FR2987332A1; RU2622319C2; WO2013127937A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2248706 A1 20101110; **EP 2248706 B1 20120620**; CA 2701929 A1 20101106; CA 2701929 C 20170704; CN 101898563 A 20101201; CN 101898563 B 20140618; ES 2388652 T3 20121017; FR 2945266 A1 20101112; KR 101688441 B1 20161221; KR 20100120622 A 20101116; RU 2010117150 A 20111110; RU 2535383 C2 20141210; US 2010326944 A1 20101230; US 8800453 B2 20140812

DOCDB simple family (application)

EP 10305441 A 20100427; CA 2701929 A 20100430; CN 201010247312 A 20100505; ES 10305441 T 20100427; FR 0953009 A 20090506; KR 20100041919 A 20100504; RU 2010117150 A 20100429; US 79993110 A 20100505