

Title (en)

Device for the articulated linkage between two bodies of a multi-unit railway vehicle

Title (de)

Vorrichtung zum gelenkigen Verbinden zweier Wagenkästen eines mehrgliedrigen Schienenfahrzeuges

Title (fr)

Dispositif pour la liaison articulée de deux caisses d'un véhicule ferroviaire à sections multiples

Publication

EP 1674367 A1 20060628 (DE)

Application

EP 05109565 A 20051014

Priority

DE 102004062664 A 20041227

Abstract (en)

The device is for the articulated connection of two wagon bodies of a multi-section rail vehicle, whereby one wagon body (2) under all load conditions with a substantial portion of its weight is supported via the device on the other wagon body (1) which is connected to the bogie (3). The torsional rigidity between the wagon bodies around the vehicle's longitudinal axis is low in comparison to the connecting rigidity of the wagon body to the bogie. Forces encountered in the vehicle's transverse direction are transmitted approximately at the level of the center of gravity of the wagon body connected to the bogie.

IPC 8 full level

B61D 3/10 (2006.01)

CPC (source: EP)

B61D 3/10 (2013.01)

Citation (search report)

- [X] FR 1539860 A 19680920 - ATEL CONST NORD DE LA FRANCE
- [X] DE 1142894 B 19630131 - GOERLITZ WAGGONBAU VEB
- [A] GB 793436 A 19580416 - ACF IND INC

Cited by

EP4116165A1; FR3124784A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1674367 A1 20060628; EP 1674367 B1 20090729; AT E437785 T1 20090815; DE 102004062664 A1 20060706; DE 502005007776 D1 20090910

DOCDB simple family (application)

EP 05109565 A 20051014; AT 05109565 T 20051014; DE 102004062664 A 20041227; DE 502005007776 T 20051014