

Title (en)

RAIL VEHICLE, IN PARTICULAR A LOCOMOTIVE

Title (de)

SCHIENENFAHRZEUG, INSBESONDERE EINE LOKOMOTIVE

Title (fr)

VÉHICULE FERROVIAIRE, NOTAMMENT LOCOMOTIVE

Publication

**EP 3245114 B1 20190313 (DE)**

Application

**EP 15710766 A 20150317**

Priority

EP 2015055538 W 20150317

Abstract (en)

[origin: WO2016146170A1] The invention relates to a rail vehicle (1), in particular a locomotive, comprising a chassis (2), a central buffer coupling (3), a coupling shaft (5) which is hinged to the chassis (2) and has a coupling head (4), and a coupling support (6) which has a spring-mounted transverse beam (7) for supporting the coupling shaft (5). The coupling support (6) has two retaining sheets (11) which are secured to the chassis (2), and the transverse beam (7) has two guide grooves (10) which run in the spring direction (F). Each of the retaining sheets (11) engages into one of the guide grooves (10) in a formfitting manner such that the transverse beam (7) is guided in a movable manner in the spring direction (F) and transversely thereto, and each retaining sheet (11) has a predetermined breaking point (14). In this manner, the coupling support (6) is secured to the chassis (2) in a simple manner.

IPC 8 full level

**B61G 7/10** (2006.01); **B61G 9/22** (2006.01)

CPC (source: EP RU US)

**B61G 7/10** (2013.01 - EP RU US); **B61G 9/22** (2013.01 - EP RU US)

Cited by

DE102019105619A1

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

DOCDB simple family (publication)

**WO 2016146170 A1 20160922**; AU 2015387110 A1 20170907; AU 2015387110 B2 20181004; CA 2979924 A1 20160922; CA 2979924 C 20190115; EP 3245114 A1 20171122; EP 3245114 B1 20190313; ES 2729861 T3 20191106; PL 3245114 T3 20190830; RU 2668011 C1 20180925; US 10589761 B2 20200317; US 2018093681 A1 20180405

DOCDB simple family (application)

**EP 2015055538 W 20150317**; AU 2015387110 A 20150317; CA 2979924 A 20150317; EP 15710766 A 20150317; ES 15710766 T 20150317; PL 15710766 T 20150317; RU 2017135476 A 20150317; US 201515556323 A 20150317