

Title (en)

Support device for vertical support of a coupling bar and usage of the support device in a railway vehicle

Title (de)

Abstützvorrichtung zum vertikalen Abstützen einer Kupplungsstange sowie Verwendung der Abstützvorrichtung bei einem spurgeführten Fahrzeug

Title (fr)

Dispositif d'appui destiné à l'appui vertical d'une barre d'attelage et utilisation du dispositif d'appui dans un véhicule sur rails

Publication

EP 2093123 B1 20100901 (DE)

Application

EP 08101964 A 20080225

Priority

EP 08101964 A 20080225

Abstract (en)

[origin: EP2093123A1] The device (1) has a holder (3) mounted on a vehicle body frame and connected to a support (2). The holder has a connecting element (5) connecting the support to the holder and defining a rotating axis, around which the support rotates relative to the connecting element. A shearing element (6) connects the connecting element with the support and is designed to shear during exceeding of pre-specified or defined amount of torque. The torque is transferable from the support to the connecting element by the shearing element for permitting rotation of support relative to the connecting element.

IPC 8 full level

B61G 7/10 (2006.01); **B61G 7/12** (2006.01); **B61G 9/24** (2006.01)

CPC (source: EP US)

B61G 7/12 (2013.01 - EP US); **B61G 9/24** (2013.01 - EP US)

Cited by

DE102014222273A1; RU2668011C1; EP2694349A4; WO2012138692A2; WO2023180444A1; US10589761B2; DE202014001334U1; WO2016146170A1

Designated contracting state (EPC)

DE PL SE

DOCDB simple family (publication)

EP 2093123 A1 20090826; EP 2093123 B1 20100901; AU 2009200720 A1 20090910; AU 2009200720 B2 20110127; CN 101519076 A 20090902; CN 101519076 B 20110518; DE 502008001251 D1 20101014; PL 2093123 T3 20110228; US 2009212000 A1 20090827; US 7913865 B2 20110329

DOCDB simple family (application)

EP 08101964 A 20080225; AU 2009200720 A 20090224; CN 200910004274 A 20090224; DE 502008001251 T 20080225; PL 08101964 T 20080225; US 8129208 A 20080414