

Title (en)

TORQUE SUPPORT AND BOGIE FOR A RAIL VEHICLE

Title (de)

DREHMOMENTENSTÜTZE SOWIE DREHGESTELL FÜR EIN SCHIENENFAHRZEUG

Title (fr)

SUPPORT DE COUPLE DE ROTATION AINSI QUE BOGIE POUR UN VÉHICULE SUR RAILS

Publication

**EP 2697108 B1 20150617 (DE)**

Application

**EP 12716235 A 20120403**

Priority

- DE 102011016906 A 20110413
- EP 2012001479 W 20120403

Abstract (en)

[origin: WO2012139722A1] The invention relates to a torque support (1) for the articulated mutual support of two elements, in particular, on the one hand, a frame (6) or a bogie (3) and, on the other hand, a housing, such as a transmission housing (8.1, 8.2, 8.3) of a rail vehicle. The torque support has a rod (10), at each of the two ends (10.1, 10.2) of which a receptacle head (12.1, 12.2) is arranged, the receptacle head having a bearing (13.1, 13.2) for holding a bolt (14.1, 14.2) which serves for providing support on the respective element. The rod is embodied as a sleeve at least in the region of its two ends, and the bearing has a socket (17.1, 17.2) which is arranged between the bolt and the receptacle head in the radial direction of the bolt and is supported on the receptacle head by means of at least one further bearing element (18.1, 18.2). The socket has, on its outer circumference, a bulbous section in the manner of a universal ball joint.

IPC 8 full level

**B61C 9/50** (2006.01)

CPC (source: EP KR US)

**B61C 9/50** (2013.01 - EP KR US); **B61F 5/52** (2013.01 - KR)

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)

**DE 102011016906 A1 20121018**; BR 112013026348 A2 20161227; CN 103459229 A 20131218; CN 103459229 B 20170215; EP 2697108 A1 20140219; EP 2697108 B1 20150617; JP 2014510676 A 20140501; KR 20140014231 A 20140205; PL 2697108 T3 20151030; RU 2013145694 A 20150520; RU 2589191 C2 20160710; TW 201302528 A 20130116; US 2014033947 A1 20140206; US 9248845 B2 20160202; WO 2012139722 A1 20121018

DOCDB simple family (application)

**DE 102011016906 A 20110413**; BR 112013026348 A 20120403; CN 201280017975 A 20120403; EP 12716235 A 20120403; EP 2012001479 W 20120403; JP 2014504197 A 20120403; KR 20137026833 A 20120403; PL 12716235 T 20120403; RU 2013145694 A 20120403; TW 101112941 A 20120412; US 201314052220 A 20131011