

Title (en)  
RAIL VEHICLE

Title (de)  
SCHIENENFAHRZEUG

Title (fr)  
VEHICULE SUR RAIL

Publication  
**EP 3325323 A1 20180530 (DE)**

Application  
**EP 16723015 A 20160427**

Priority  
• EP 15178284 A 20150724  
• EP 2016000682 W 20160427

Abstract (en)  
[origin: WO2017016620A1] The invention relates to a rail vehicle comprising a plurality of bodies (14, 16), a first and a second one of which (14, 16) rest on the bolster (10) of an inter-car bogie (1); the bodies (14, 16) are connected to each other by a spherical joint mechanism (20; 40) which is arranged on the bolster (10) and which includes at least two spherical plain bearings (24, 26; 47, 57).

IPC 8 full level  
**B61G 5/02** (2006.01); **B61D 3/12** (2006.01); **B61F 3/02** (2006.01)

CPC (source: EP US)  
**B61D 3/12** (2013.01 - EP); **B61F 3/02** (2013.01 - EP US); **B61F 5/52** (2013.01 - US); **B61G 5/02** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017016620A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2017016620 A1 20170202**; CN 107921975 A 20180417; CN 107921975 B 20200505; CN 205034125 U 20160217;  
EP 3325323 A1 20180530; EP 3325323 B1 20210224; EP 3686078 A1 20200729; EP 3686078 B1 20210602; ES 2860771 T3 20211005;  
ES 2877372 T3 20211116; PL 3325323 T3 20210726; PL 3686078 T3 20211122; US 10981585 B2 20210420; US 2018215399 A1 20180802

DOCDB simple family (application)  
**EP 2016000682 W 20160427**; CN 201520648676 U 20150825; CN 201680043228 A 20160427; EP 16723015 A 20160427;  
EP 20157231 A 20160427; ES 16723015 T 20160427; ES 20157231 T 20160427; PL 16723015 T 20160427; PL 20157231 T 20160427;  
US 201615746987 A 20160427