

Title (en)
RAILWAY VEHICLE INCLUDING PIVOTED BOGIES

Title (de)
SCHIENENFAHRZEUG MIT DREHBAREN GESTELLEN

Title (fr)
VEHICULE FERROVIAIRE COMPRENANT DES BOGIES PIVOTANTS

Publication
EP 2142411 B1 20140702 (FR)

Application
EP 08787999 A 20080314

Priority
• FR 2008050440 W 20080314
• FR 0754306 A 20070405

Abstract (en)
[origin: US8381659B2] A railway vehicle including a plurality of bogies is provided. Each bogie includes a chassis, two front wheels and two rear wheels. For each front wheel and each rear wheel, a guidance device is provided for guiding the wheel in rotation and a primary suspension device of the chassis is provided on the guidance device. At least the primary suspension devices associated with the front and rear wheels are arranged on the same first lateral side of the bogie. The primary suspension devices each include two longitudinal connecting rods, each connected by a first connection point to the chassis and by a second connection point to the corresponding guidance device and at least one resilient component inserted between the two connecting rods to define at least the vertical stiffness of the primary suspension device, the two connecting rods being offset longitudinally relative to one another. Each of the bogies also includes a pivot connection device for connecting the bogie to the railway vehicle.

IPC 8 full level
B61F 5/32 (2006.01); **B61D 13/00** (2006.01); **B61F 3/04** (2006.01)

CPC (source: EP KR US)
B61D 13/00 (2013.01 - EP KR US); **B61F 3/04** (2013.01 - EP KR US); **B61F 5/32** (2013.01 - KR); **B61F 5/325** (2013.01 - EP US)

Cited by
EP2883773A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2914609 A1 20081010; FR 2914609 B1 20090710; AT E521515 T1 20110915; CA 2682001 A1 20081106; CA 2682001 C 20160503; CA 2682931 A1 20081106; CA 2682931 C 20151215; CA 2683119 A1 20081030; CA 2683119 C 20160209; CN 101678841 A 20100324; CN 101678841 B 20110817; CN 101678842 A 20100324; CN 101678842 B 20110817; CN 101678843 A 20100324; CN 101678843 B 20110810; EP 2132080 A1 20091216; EP 2132080 B1 20110824; EP 2142411 A1 20100113; EP 2142411 B1 20140702; EP 2142412 A1 20100113; EP 2142412 B1 20150701; ES 2372560 T3 20120123; ES 2497500 T3 20140923; ES 2547491 T3 20151006; KR 101456595 B1 20141112; KR 101465146 B1 20141204; KR 101487792 B1 20150129; KR 20090130078 A 20091217; KR 20100016241 A 20100212; KR 20100016242 A 20100212; PL 2132080 T3 20120229; PL 2142411 T3 20141231; PL 2142412 T3 20151231; US 2010083866 A1 20100408; US 2010132585 A1 20100603; US 2010186620 A1 20100729; US 8365675 B2 20130205; US 8371234 B2 20130212; US 8381659 B2 20130226; WO 2008129205 A1 20081030; WO 2008132360 A1 20081106; WO 2008132361 A1 20081106

DOCDB simple family (application)
FR 0754306 A 20070405; AT 08799840 T 20080314; CA 2682001 A 20080314; CA 2682931 A 20080314; CA 2683119 A 20080314; CN 200880016111 A 20080314; CN 200880016680 A 20080314; CN 200880017475 A 20080314; EP 08787999 A 20080314; EP 08788001 A 20080314; EP 08799840 A 20080314; ES 08787999 T 20080314; ES 08788001 T 20080314; ES 08799840 T 20080314; FR 2008050435 W 20080314; FR 2008050440 W 20080314; FR 2008050442 W 20080314; KR 20097022077 A 20080314; KR 20097023105 A 20080314; KR 20097023106 A 20080314; PL 08787999 T 20080314; PL 08788001 T 20080314; PL 08799840 T 20080314; US 59480108 A 20080314; US 59480408 A 20080318; US 59480708 A 20080314