

Title (en)
VEHICLE COMPRISING A PITCH JOINT

Title (de)
FAHRZEUG MIT NICKGELENK

Title (fr)
VEHICULE A ARTICULATION DE TANGAGE

Publication
EP 1928722 B1 20110302 (DE)

Application
EP 06793922 A 20060929

Priority
• EP 2006066907 W 20060929
• DE 102005047903 A 20051001

Abstract (en)
[origin: US2009178993A1] Disclosed is a vehicle, particularly a railway vehicle, comprising a longitudinal axis, a first superstructure, a second superstructure that adjoins the first superstructure in the direction of the longitudinal axis of the vehicle, and a pitch joint that connects the first superstructure and the second superstructure. The pitch joint is embodied as a rod assembly, which extends substantially on one pitch joint plane and comprises two pitch joint arms, two pitch joint rods, and a coupling device. The pitch joint arms are pivotally hinged to the first superstructure in the region of their first end, each of the pitch joint rods is pivotally hinged to the free second end of one of the pitch joint arms in the region of its first end, the pitch joint rods are pivotally hinged to the second superstructure in the region of their second end, and the coupling device couples the two pitch joint arms to each other in such a manner that the two pitch joint arms perform swiveling movements in opposite directions about their hinged points on the first superstructure.

IPC 8 full level
B61G 5/02 (2006.01); **B61D 3/10** (2006.01); **B61D 5/00** (2006.01)

CPC (source: EP US)
B61D 3/10 (2013.01 - EP US); **B61G 5/02** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2009178993 A1 20090716; US 8020495 B2 20110920; AT E500111 T1 20110315; AU 2006298694 A1 20070412;
AU 2006298694 B2 20110609; CA 2628776 A1 20070412; DE 102005047903 A1 20070405; DE 502006009017 D1 20110414;
EP 1928722 A1 20080611; EP 1928722 B1 20110302; WO 2007039570 A1 20070412

DOCDB simple family (application)
US 8858706 A 20060929; AT 06793922 T 20060929; AU 2006298694 A 20060929; CA 2628776 A 20060929; DE 102005047903 A 20051001;
DE 502006009017 T 20060929; EP 06793922 A 20060929; EP 2006066907 W 20060929