

Title (en)
DEVICE FOR MECHANICALLY CONNECTING VEHICLES

Title (de)
VORRICHTUNG ZUR MECHANISCHEN VERBINDUNG VON FAHRZEUGEN

Title (fr)
DISPOSITIF DE LIAISON MÉCANIQUE DE VÉHICULES

Publication
EP 2084047 A1 20090805 (DE)

Application
EP 07803073 A 20070830

Priority
• EP 2007059064 W 20070830
• DE 102006049868 A 20061023

Abstract (en)
[origin: DE102006049868B3] The device has a joint rod (3) for connecting vehicles (1, 2) as lower articulation, and joint wings (4a-4d) that are rotatably arranged around vertical axes (5a, 5b) at each of the vehicles (1, 2) as separate upper articulation. The joint wings (4a, 4b) in the vehicle (1) is rotatably connected with the joint wings (4c, 4d) in the vehicle (2) by non-supported bearing (6a, 6b), so that the four joint wings form a variable parallelogram.

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

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

Citation (search report)
See references of WO 2008049674A1

Cited by
DE102010040840A1; WO2012035056A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102006049868 B3 20070927; AU 2007308314 A1 20080502; AU 2007308314 B2 20120920; CA 2667415 A1 20080502; CA 2667415 C 20140729; CN 101528526 A 20090909; CN 101528526 B 20110119; DK 2084047 T3 20140120; EP 2084047 A1 20090805; EP 2084047 B1 20131030; ES 2441251 T3 20140203; JP 2010507522 A 20100311; JP 5334853 B2 20131106; PL 2084047 T3 20140430; RU 2009119500 A 20101127; RU 2437788 C2 20111227; WO 2008049674 A1 20080502

DOCDB simple family (application)
DE 102006049868 A 20061023; AU 2007308314 A 20070830; CA 2667415 A 20070830; CN 200780039167 A 20070830; DK 07803073 T 20070830; EP 07803073 A 20070830; EP 2007059064 W 20070830; ES 07803073 T 20070830; JP 2009533763 A 20070830; PL 07803073 T 20070830; RU 2009119500 A 20070830