

Title (en)

Electric contact coupling for a rail-guided vehicle

Title (de)

Elektrokontaktkupplung für ein spurgeführtes Fahrzeug

Title (fr)

Coupleur de contact électrique pour un véhicule sur rails

Publication

**EP 2505450 B1 20150304 (DE)**

Application

**EP 11160046 A 20110328**

Priority

EP 11160046 A 20110328

Abstract (en)

[origin: EP2505450A1] The electrical contact coupling (100) has a clutch housing (1) that is hinged with a protective flap (4). The protective flap is articulated between open and closed positions. A seal is provided parallel to the axis of rotation (R) of protective flap. An upper sealing area (3a), a lower sealing area (3b) and side sealing area (3c) of seal are in contact with an upper sealing surface (5a), a lower sealing surface (5b) and a side sealing surface (5c) of housing when protective flap is in closed position. An independent claim is included for track-guided vehicle.

IPC 8 full level

**B61G 5/10** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP KR US)

**B61G 5/06** (2013.01 - KR); **B61G 5/10** (2013.01 - EP KR US); **H01R 13/5213** (2013.01 - EP US); **H01R 13/5219** (2013.01 - EP US)

Cited by

DE102019114414A1; DE102019121975A1; DE102019112860A1; WO2021028150A1; WO2020229038A1; WO2021260018A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2505450 A1 20121003; EP 2505450 B1 20150304**; AR 085584 A1 20131009; AU 2012201697 A1 20121018; AU 2012201697 B2 20140911; CN 102700562 A 20121003; CN 102700562 B 20150819; IN 521DE2012 A 20150605; JP 2012206714 A 20121025; JP 5451805 B2 20140326; KR 101911552 B1 20181024; KR 20120110051 A 20121009; PL 2505450 T3 20150831; RU 2012111192 A 20130927; RU 2520631 C2 20140627; US 2013023139 A1 20130124; US 8651302 B2 20140218

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**EP 11160046 A 20110328**; AR P120101021 A 20120327; AU 2012201697 A 20120323; CN 201210074203 A 20120320; IN 521DE2012 A 20120223; JP 2012073343 A 20120328; KR 20120030946 A 20120327; PL 11160046 T 20110328; RU 2012111192 A 20120322; US 201213429591 A 20120326