

Title (en)

Rail vehicle with an induction loop for guaranteeing a low-ohm electrical connection between wheels of the rail vehicle and rails

Title (de)

Schienenfahrzeug mit einer Induktionsschleife zur Gewährleistung einer niederohmigen elektrischen Verbindung zwischen Rädern des Schienenfahrzeugs und Fahrschienen

Title (fr)

Véhicule sur rails doté d'une boucle d'induction destinée à garantir une connexion électrique de basse impédance entre les roues du véhicule sur rails et les rails de roulement

Publication

EP 2082943 A3 20091028 (DE)

Application

EP 09090001 A 20090116

Priority

DE 102008005555 A 20080122

Abstract (en)

[origin: EP2082943A2] The rail vehicle has an induction loop (1) provided for guaranteeing a low-resistance electrical connection between wheels (115a - 115d, 116a - 116d) of the rail vehicle and rails (101, 102), on which the wheels roll. The induction loop is arranged under the chassis of the rail vehicle between two trucks (107, 119) of the rail vehicle and in travel direction. An independent claim is included for a method for operating a rail vehicle.

IPC 8 full level

B61L 1/18 (2006.01)

CPC (source: EP)

B61L 1/183 (2013.01)

Citation (search report)

- [ID] WO 9107302 A1 19910530 - BRITISH RAILWAYS BOARD [GB]
- [A] US 2022092 A 19351126 - SOSINSKI PAUL P

Cited by

DE102010062923A1; WO2012079958A1; CN102574535A; RU2506185C2; DE102009048666B4; US8690108B2; WO2011039002A1

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2082943 A2 20090729; EP 2082943 A3 20091028; EP 2082943 B1 20110302; EP 2082943 B2 20200408; AT E500114 T1 20110315; DE 102008005555 A1 20090730; DE 502009000400 D1 20110414

DOCDB simple family (application)

EP 09090001 A 20090116; AT 09090001 T 20090116; DE 102008005555 A 20080122; DE 502009000400 T 20090116