

Title (en)

Guarantee of a low-ohm electrical connection between wheels of a rail vehicle and rails

Title (de)

Gewährleistung einer niederohmigen elektrischen Verbindung zwischen Rädern eines Schienenfahrzeugs und Fahrschienen

Title (fr)

Garantie d'une liaison électrique de basse impédance entre les roues d'un véhicule sur rails et rails de roulement

Publication

**EP 2277763 B1 20120229 (DE)**

Application

**EP 09008541 A 20090630**

Priority

EP 09008541 A 20090630

Abstract (en)

[origin: EP2380796A1] The railway vehicle has an induction loop (1) for verification of low resistive electric connection between wheels (115a-115d, 116a-116d) of the railway vehicle and running rails (101, 102). A feeder is provided, which connects the electric alternating current voltage to the induction loop in an intermittent manner such that the induction loop is supplied with temporal interruptions with the alternating current. The duration of the temporal interruption of the supply is longer than the duration of the supply of the induction loop occurred before the interruption. An independent claim is also included for a method for operating a railway vehicle.

IPC 8 full level

**B61L 1/18** (2006.01)

CPC (source: EP)

**B61L 1/18** (2013.01)

Cited by

FR3032167A1; FR3086913A1; FR3036084A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2277763 A1 20110126; EP 2277763 B1 20120229**; AT E547308 T1 20120315; EP 2380796 A1 20111026; EP 2380796 B1 20120523

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**EP 09008541 A 20090630**; AT 09008541 T 20090630; EP 11174941 A 20090630