Title (en)

DEVICE AND METHOD FOR EFFECTING ELECTRIC DRIVE OF HEAVY TRUCKS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR DURCHFÜHRUNG EINES ELEKTRISCHEN ANTRIEBS VON SCHWERLASTKRAFTWAGEN

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR EFFECTUER UNE PROPULSION ÉLECTRIQUE DE CAMIONS LOURDS

Publication

EP 2945815 A4 20161026 (EN)

Application

EP 14740298 A 20140116

Priority

- SE 1300050 A 20130118
- SE 2014000005 W 20140116

Abstract (en)

[origin: WO2014112926A1] The present invention relates to a device and a method to effect electric drive of heavy trucks, said device comprising on one hand a current transmission means (9; 109) mounted on the vehicle (1) and on the other hand an airborne supporting girder (11) that houses conductor rails (10). It is significant for the device according to the invention that the current transmission means (9) has guiding means (22) that may assume an inactive position and an active position, that the supporting girder (11) has a lower opening (31) through which opening (31) the current transmission means (9) may pass when the guiding means (22) assume inactive position, that the supporting girder (11) has grooves (30), that the guiding means (22) and the grooves (30) cooperate when the guiding means (22) assume active position, and that the current transmission means (9) has means to transfer electric current from the conductor rails (10) to a power source of the vehicle (1).

IPC 8 full level

B60L 5/40 (2006.01); **B60L 5/36** (2006.01); **B60M 1/34** (2006.01)

CPC (source: EP SE)

B60L 5/36 (2013.01 - EP); **B60L 5/40** (2013.01 - EP SE); **B60M 1/34** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2014112926 A1 20140724; EP 2945815 A1 20151125; EP 2945815 A4 20161026; SE 1300050 A1 20140719; SE 536908 C2 20141028

DOCDB simple family (application)

SE 2014000005 W 20140116; EP 14740298 A 20140116; SE 1300050 A 20130118