

Title (en)

METHOD FOR OPTIMIZED OPERATION OF AN ELECTRICALLY DRIVEN RAIL VEHICLE ON A PREDEFINED ROUTE

Title (de)

VERFAHREN ZUM OPTIMIERTEN BETREIBEN EINES ELEKTRISCH ANGETRIEBENEN SCHIENENFAHRZEUGS AUF EINER VORGEGEBENEN STRECKE

Title (fr)

PROCÉDÉ POUR LA CONDUITE OPTIMISÉE D'UN VÉHICULE FERROVIAIRE ÉLECTRIQUE SUR UNE LIGNE PRÉDÉTERMINÉE

Publication

EP 2773548 A2 20140910 (DE)

Application

EP 12816467 A 20121214

Priority

- DE 102011088544 A 20111214
- DE 102011121162 A 20111216
- EP 2012075520 W 20121214

Abstract (en)

[origin: WO2013087832A2] The invention relates to a method for optimized operation of an electrically driven rail vehicle on a predefined route. In order to optimize the known method even further, the costs of the electrical energy which is fed into the route and/or the environmental loading are sensed during the generation of the electrical energy which is fed into the route. The method of locomotion of the rail vehicle on the route is set taking into account the level of the costs of the electrical energy and/or the environmental loading in the generation of the electrical energy for the route.

IPC 8 full level

B61L 3/00 (2006.01); **B60L 1/00** (2006.01); **B60L 7/18** (2006.01); **B60L 9/00** (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP US)

B60L 1/003 (2013.01 - EP US); **B60L 7/18** (2013.01 - EP US); **B60L 9/00** (2013.01 - EP US); **B61L 15/0058** (2024.01 - EP US); **B61L 27/16** (2022.01 - EP US); **B60L 2200/26** (2013.01 - EP US); **B60L 2240/34** (2013.01 - EP US); **B60L 2240/80** (2013.01 - EP US); **B60L 2260/54** (2013.01 - EP US)

Citation (search report)

See references of WO 2013087832A2

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 2013087832 A2 20130620; **WO 2013087832 A3 20140619**; BR 112014014429 A2 20170613; BR 112014014429 A8 20170613; CN 103998320 A 20140820; CN 103998320 B 20170728; DE 102011121162 A1 20130620; EP 2773548 A2 20140910; RU 2587126 C1 20160610; US 2014365047 A1 20141211; US 9358993 B2 20160607

DOCDB simple family (application)

EP 2012075520 W 20121214; BR 112014014429 A 20121214; CN 201280062220 A 20121214; DE 102011121162 A 20111216; EP 12816467 A 20121214; RU 2014128327 A 20121214; US 201214365691 A 20121214