

Title (en)

RAIL SYSTEM AND METHOD FOR OPERATING A RAIL SYSTEM HAVING A RAIL-GUIDED MOBILE PART AND HAVING A CENTRAL CONTROL SYSTEM

Title (de)

SCHIENENANLAGE UND VERFAHREN ZUM BETREIBEN EINER SCHIENENANLAGE MIT SCHIENENGEFÜHRTEM MOBILTEIL UND ZENTRALER STEUERUNG

Title (fr)

SYSTÈME DE RAILS ET PROCÉDÉ POUR FAIRE FONCTIONNER UN SYSTÈME DE RAILS AU MOYEN D'UNE PIÈCE MOBILE GUIDÉE SUR RAILS ET D'UNE COMMANDE CENTRALE

Publication

EP 3684671 A1 20200729 (DE)

Application

EP 18762007 A 20180827

Priority

- DE 102017008702 A 20170918
- EP 2018025222 W 20180827

Abstract (en)

[origin: WO2019052689A1] The invention relates to a rail system and to a method for operating a rail system having a rail-guided mobile part and having a central control system, wherein the mobile part has a means for sensing the position of the mobile part, the mobile part has a first drive, in particular a traction drive, the mobile part has a means for sensing current, the mobile part has a computer for evaluating the current value curve captured between a first position and a second position, the computer is designed to be suitable as a means for evaluating the current value curve in that, as an evaluation, value tuples are determined by the computer, each value tuple comprising at least position information and a value determined from the current value curve, the computer is connected, by means of a data transfer channel, to the central control system for the transfer of the value tuples, and the central control system is designed to be suitable for monitoring the value tuples and monitors each value determined from the current curve in question for exceedance of a permissible extent of deviation from a specified value, in particular a set point value.

IPC 8 full level

B61L 15/00 (2006.01); **B61L 25/02** (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP US)

B61L 15/0072 (2013.01 - EP); **B61L 15/0081** (2013.01 - EP); **B61L 27/40** (2022.01 - EP US); **B61L 27/50** (2022.01 - US); **B61L 27/57** (2022.01 - EP); **B61L 25/025** (2013.01 - EP); **B61L 25/026** (2013.01 - EP)

Citation (search report)

See references of WO 2019052689A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019052689 A1 20190321; CN 111094103 A 20200501; CN 111094103 B 20220503; DE 102018006723 A1 20190321; EP 3684671 A1 20200729; US 11535287 B2 20221227; US 2020231196 A1 20200723

DOCDB simple family (application)

EP 2018025222 W 20180827; CN 201880059964 A 20180827; DE 102018006723 A 20180827; EP 18762007 A 20180827; US 201816648486 A 20180827