

Title (en)
OPERATION OF A RAIL VEHICLE

Title (de)
BETRIEB EINES SCHIENENFAHRZEUGS

Title (fr)
FONCTIONNEMENT D'UN VÉHICULE FERROVIAIRE

Publication
EP 3036146 B1 20171101 (DE)

Application
EP 14771822 A 20140911

Priority
• DE 102013219647 A 20130927
• EP 2014069358 W 20140911

Abstract (en)
[origin: WO2015043967A1] The solution according to the invention allows continued driving - depending on the proper state of the track and the proper state of the vehicle - even if a communication link between a rail vehicle and a track monitoring system is interrupted. Such continued driving preferably takes place at least partially at a reduced speed. If an undesirable state is established by the track monitoring system, the power supply to the rail vehicle is interrupted, the rail vehicle establishes this and brakes to a stop. If an undesirable state is established by the rail vehicle, the rail vehicle brakes automatically (preferably to a stop). It is advantageous that operation of the rail vehicle can be continued, at least until entering the next station, even if the communication link is interrupted. The passengers can be evacuated safely in said station. The invention can be used for example for underground urban railways, in particular for driverless systems.

IPC 8 full level
B61L 15/00 (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP)
B61L 15/0027 (2013.01); **B61L 15/0081** (2013.01); **B61L 27/20** (2022.01); **B61L 27/33** (2022.01); **B61L 27/53** (2022.01)

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 2015043967 A1 20150402; CN 105579323 A 20160511; CN 105579323 B 20170926; DE 102013219647 A1 20150416;
DK 3036146 T3 20171218; EP 3036146 A1 20160629; EP 3036146 B1 20171101; ES 2657309 T3 20180302; HK 1223594 A1 20170804;
SG 11201602051P A 20160428

DOCDB simple family (application)
EP 2014069358 W 20140911; CN 201480053517 A 20140911; DE 102013219647 A 20130927; DK 14771822 T 20140911;
EP 14771822 A 20140911; ES 14771822 T 20140911; HK 16111809 A 20161013; SG 11201602051P A 20140911