

Title (en)

OPERATING A RAIL VEHICLE BY MEANS OF AN ETCS DEVICE, RAILVEHICLE AND APPARATUS

Title (de)

BETRIEB EINES SCHIENENFAHRZEUGS MITTELS ETCS-EINRICHTUNG, SCHIENENFAHRZEUG UND VORRICHTUNG

Title (fr)

FONCTIONNEMENT D'UN VÉHICULE FERROVIAIRE AU MOYEN D'UN DISPOSITIF ETCS, VÉHICULE FERROVIAIRE ET DISPOSITIF

Publication

EP 2874857 A2 20150527 (DE)

Application

EP 13762763 A 20130905

Priority

- DE 102012216405 A 20120914
- EP 2013068322 W 20130905

Abstract (en)

[origin: WO2014040892A2] According to the invention, a secondary ETCS device which travels along with the rail vehicle but is not used for its operation is used at least to some extent if a fault occurs in the primary ETCS device. In this case, a secondary EVC takes over the role of the primary EVC and, in many applications, at least some train control functions. The advantage is that train control can, at least in some fault cases, be continued in an automated way in the case of a failure of a component of the primary ETCS device.

IPC 8 full level

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

CPC (source: EP US)

B61L 15/0027 (2013.01 - EP US); **B61L 15/0063** (2013.01 - EP US); **B61L 27/20** (2022.01 - EP US); **B61L 27/33** (2022.01 - EP US); **B61L 2027/202** (2022.01 - EP US)

Citation (search report)

See references of WO 2014040892A2

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 2014040892 A2 20140320; WO 2014040892 A3 20140508; DE 102012216405 A1 20140410; EP 2874857 A2 20150527; EP 2874857 B1 20170816; NO 2760091 T3 20180519; US 10046780 B2 20180814; US 2015239481 A1 20150827

DOCDB simple family (application)

EP 2013068322 W 20130905; DE 102012216405 A 20120914; EP 13762763 A 20130905; NO 14000248 A 20140124; US 201314428068 A 20130905