

Title (en)
CONTROLLER OF A RAIL VEHICLE

Title (de)
STEUERUNG EINES SCHIENENFAHRZEUGS

Title (fr)
COMMANDE D'UN VÉHICULE FERROVIAIRE

Publication
EP 2885192 A2 20150624 (DE)

Application
EP 13763028 A 20130911

Priority
• DE 102012217817 A 20120928
• EP 2013068774 W 20130911

Abstract (en)
[origin: WO2014048736A2] An infill balise is proposed which is arranged upstream of a route component in the direction of travel. The infill balise receives information relating to the state of the route component, and the control of a rail vehicle can be carried out by taking into account the state of the route component. Since the infill balise is positioned ahead of the route component, the rail vehicle can still react in good time to the state of the route component and, for example, initiate a braking process or an acceleration process. This reduces the delay and increases the safety as well as the efficiency in the railway mode, in particular if the route component lying ahead is located at the start of an area which is controlled by another interlock box. The proposed infill balise can be used instead of a block interface. This is particularly advantageous because the implementation of block interfaces is challenging, complicated and costly.

IPC 8 full level
B61L 3/12 (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP US)
B61L 3/121 (2013.01 - EP US); **B61L 2003/123** (2013.01 - EP US); **B61L 2027/202** (2022.01 - EP US)

Citation (search report)
See references of WO 2014048736A2

Citation (examination)
C SCHMELZER: "Standardization of CBTC Systems - Mixed Operation on Shared Lines in accordance with ERTMS/ETCS Standards", 22 May 2008 (2008-05-22), XP055256577, Retrieved from the Internet <URL:http://www.uic.org/cdrom/2008/11_wcrr2008/pdf/O.3.3.5.1.pdf> [retrieved on 20160309]

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014048736 A2 20140403; **WO 2014048736 A3 20150108**; DE 102012217817 A1 20140403; EP 2885192 A2 20150624; US 2015291188 A1 20151015

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EP 2013068774 W 20130911; DE 102012217817 A 20120928; EP 13763028 A 20130911; US 201314432246 A 20130911