Title (en)

INFORMATION TRANSMISSION SYSTEM AND INFORMATION TRANSMISSION METHOD FOR RAIL TRANSPORT

Title (de)

INFORMATIONSÜBERTRAGUNGSSYSTEM UND INFORMATIONSÜBERTRAGUNGSVERFAHREN FÜR DEN SCHIENENVERKEHR

Title (fr)

SYSTÈME DE TRANSMISSION D'INFORMATIONS ET PROCÉDÉ DE TRANSMISSION D'INFORMATIONS POUR LE TRAFIC FERROVIAIRE

Publication

EP 3065996 B1 20171101 (DE)

Application

EP 15700331 A 20150105

Priority

- DE 102014200059 A 20140107
- EP 2015050024 W 20150105

Abstract (en)

[origin: WO2015104231A2] The invention relates to an information transmission system for rail transport. In order to be able to design such an information transmission system to be economical, a transmitter (12a) having a known transmission power is provided for the communication between a track section (4) and a rail vehicle (10). Furthermore, a receiver (7a) having at least one first adjustable reception level threshold (Pm) is present, by means of which adjustable reception level threshold a maximum distance (dmax) between the transmitter (12a) and the receiver (7a) can be defined in the particular application, within which maximum distance the receiver (7a) is able to receive with respect to the transmitter (12a). The invention further relates to an information transmission method.

IPC 8 full level

B61L 1/02 (2006.01); **B61L 3/12** (2006.01); **B61L 7/00** (2006.01); **B61L 13/00** (2006.01); **B61L 15/00** (2006.01); **B61L 29/00** (2006.01)

CPC (source: EP US)

B61L 1/02 (2013.01 - US); **B61L 3/12** (2013.01 - EP US); **B61L 7/00** (2013.01 - US); **B61L 13/00** (2013.01 - US);
B61L 15/0027 (2013.01 - EP US); **B61L 29/00** (2013.01 - EP US)

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)

DE 102014200059 A1 20150709; DK 3065996 T3 20180102; EP 3065996 A2 20160914; EP 3065996 B1 20171101; ES 2657745 T3 20180306;
NO 2696996 T3 20180331; US 10427699 B2 20191001; US 2016325765 A1 20161110; WO 2015104231 A2 20150716;
WO 2015104231 A3 20150911

DOCDB simple family (application)

DE 102014200059 A 20140107; DK 15700331 T 20150105; EP 15700331 A 20150105; EP 2015050024 W 20150105; ES 15700331 T 20150105;
NO 12770531 A 20120413; US 201515109142 A 20150105