Title (en)

Train control system

Title (de)

Zugsicherungssystem

Title (fr)

Système de commande de trains

Publication

EP 1752355 A3 20071003 (EN)

Application

EP 06117245 A 20060714

Priority

GB 0516670 A 20050813

Abstract (en)

[origin: EP1752355A2] A train control system comprises an interlocking for producing signalling information, processing equipment for communication with a train for relaying safety information therebetween and an interface between the interlocking and the processing equipment, wherein the interface is bi-directional to enable signals to be passed between the processing equipment and the interlocking in both directions, and the processing equipment passes indications between the processing equipment and the interlocking that modify interlocking functions and / or enable delegation of specific interlocking functions to the processing equipment.

IPC 8 full level

B61L 27/00 (2006.01); **B61L 21/04** (2006.01)

CPC (source: EP GB)

B61L 21/04 (2013.01 - EP GB); **B61L 27/20** (2022.01 - EP); B61L 2027/202 (2022.01 - EP)

Citation (search report)

- [X] EP 0254492 A2 19880127 - WESTINGHOUSE BRAKE & SIGNAL [GB]
- [A] GB 2198271 A 19880608 - BRITISH RAILWAYS BOARD
- [X] MILIUS B: "STELLWERKE VON MORGEN WELCHE ROLLE KANN DAS STELLWERK IN EINEM ETCS-LEVEL-3-SYSTEM NOCH SPIELEN? INTERLOCKINGS FOR TOMORROW HOW TO INTEGRATE INTERLOCKINGS IN ETCS LEVEL 3 SYSTEMS", ZEVRAIL - GLASERS ANNALEN, GEORG SIEMENS VERLAG, BERLIN, DE, vol. 126, no. 2/3, 2002, pages 106 - 114, XP001145097, ISSN: 1618-8330
- [PA] RENZ H-W ET AL: "KOPPLUNG STELLWERK/ZUGSICHERUNG MIT NEUER HOCHVERFUEGBARER SCHNITTSTELLE INTERCONNECTION BETWEEN ELECTRONIC INTERLOCKING AND AUTOMATIC TRAIN CONTROL VIA NEW HIGHLY AVAILABLE INTERFACE", SIGNAL + DRAHT, TETZLAFF, HAMBURG, DE, December 2005 (2005-12-01), pages 35 - 39, XP001236365, ISSN: 0037-4997

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1752355 A2 20070214; **EP 1752355 A3 20071003**; **EP 1752355 B1 20091202**; **EP 1752355 B2 20140507**; AT E450427 T1 20091215; DE 602006010772 D1 20100114; DK 1752355 T3 20100201; DK 1752355 T4 20140811; ES 2337388 T3 20100423; ES 2337388 T5 20140902; GB 0516670 D0 20050921; GB 2429101 A 20070214; GB 2429101 B 20090603; PL 1752355 T3 20100531; PL 1752355 T5 20140930; PT 1752355 E 20100121

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