

Title (en)
Train control system

Title (de)
Zugsicherungssystem

Title (fr)
Système de commande de trains

Publication
EP 1752355 B2 20140507 (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 (opposition)
Opponent :
WO 9315946 A1 19930819 - WESTINGHOUSE BRAKE & SIGNAL [GB]

Cited by
EP1630059A3; CN101934807A; ITMI20082247A1; AU2010203037B2; EP2835303A1; FR3009533A1; EP3078564A1; US8565945B2; US11772692B2; EP2216230A1; EP1942041A3; WO2009092089A1; WO2020112165A1; WO2015132061A1; WO2010007216A1; WO2014167067A3; WO2011125074A1; WO2013153396A1; EP3225501A1; FR3049556A1; EP3225501B1; EP2983960B1

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

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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