Title (en)
Signalling system

Title (de)
Signalisierungssystem

Title (fr)
Système de signalisation

Publication
EP 2347943 A2 20110727 (EN)

Application
EP 11250031 A 20110112

Priority
- JP 2010004962 A 20100113
- JP 2010115294 A 20100519

Abstract (en)
Wayside equipment cannot acquire control information when an interlocking controller is terminated. Therefore, signals inside the premises show stop indications, and operations of trains stop. Field controllers of a signalling system realizes route control, the field controllers having a transmission path for transmitting and receiving state information between the field controllers constituting a route, having wayside equipment control logic for realizing the route control of a train based on the received state information, having first wayside equipment control logic used when communication from the interlocking controller to the field controllers continues, having second wayside equipment control logic for continuing the route control when the communication from the interlocking controller to the field controllers is interrupted, and switching the control logic from the first wayside equipment control logic to the second wayside equipment control logic to continue the route control if the interrupt of communication with the interlocking controller is detected.

IPC 8 full level
B61L 19/06 (2006.01); **B61L 23/16** (2006.01)

CPC (source: EP KR)
B61L 19/06 (2013.01 - EP KR); **B61L 23/04** (2013.01 - KR); **B61L 23/16** (2013.01 - EP); **B61L 25/06** (2013.01 - KR)

Citation (applicant)
- JP 2705818 B2 19980128
- JP 2007091178 A 20070412 - HIGASHI NIPPON RYOKAKU TETSUDO

Cited by
EP3947102A4; FR3137890A1; EP3300989A1; FR3056542A1; US10807622B2

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)
EP 2347943 A2 20110727; **EP 2347943 A3 20120307**; **EP 2347943 B1 20130724**; CN 102126509 A 20110720; CN 102126509 B 20140514; JP 2011162177 A 20110825; JP 5355495 B2 20131127; KR 101216865 B1 20121228; KR 20110083533 A 20110720

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EP 11250031 A 20110112; CN 201110020013 A 20110111; JP 2010115294 A 20100519; KR 20110002977 A 20110112