Title (en)
METHOD FOR CONTROLLING A PLURALITY OF TRACK DEVICES AND RAILWAY CONTROL SYSTEM

Title (de)
VERFAHREN ZUR STEUERUNG MEHRERER GLEISVORRICHTUNGEN UND EISENBAHNSTEUERUNGSSYSTEM

Title (fr)
PROCÉDÉ DE COMMANDE D'UNE PLURALITÉ DE DISPOSITIFS DE RAILS ET SYSTÈME DE COMMANDE DE CHEMIN DE FER

Publication
EP 4234361 A1 20230830 (EN)

Application
EP 22305217 A 20220225

Priority
EP 22305217 A 20220225

Abstract (en)
Method for controlling a plurality of track devices (14A, ... 14G) distributed along a railway track having a plurality of track sections, the method being implemented by a railway control system (4) comprising a plurality of local controllers (12A, ... 12G), each local controller (12A, ... 12G) controlling at least one of the track devices (14A, ... 14G), the railway control system (4) furthermore comprising a central data system (8) comprising a central database (16) memorizing, for each track section, a section state attribute (SEC) corresponding to a state of the track section, and subscription data (SUB) defining a specific subscription of each local controller (12A, ... 12G) for receiving a predetermined selection of the section state attribute(s) (SEC),wherein the method comprises the steps of receiving at least one itinerary request for a railway vehicle intended to operate on the railway track, updating, transmitting, determining and modifying.

IPC 8 full level
B61L 27/70 (2022.01); **B61L 19/06** (2006.01); **B61L 21/04** (2006.01)

CPC (source: EP)
B61L 21/04 (2013.01); **B61L 27/70** (2022.01); B61L 2019/065 (2013.01)

Citation (search report)
- [XI] EP 2088051 B1 20110420 - SIEMENS SCHWEIZ AG [CH]
- [XI] DE 102017201892 A1 20180809 - SIEMENS AG [DE]
- [A] EP 2371662 B1 20130116 - ALSTOM TRANSPORT SA [FR]

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4234361 A1 20230830

DOCDB simple family (application)
EP 22305217 A 20220225