Title (en)

Method and system for managing an automatic opening of first doors of a vehicle and second doors of a platform

Title (de)

Verfahren und System zur Verwaltung eines automatischen Öffnens erster Türen eines Fahrzeugs und zweiter Türen eins Bahnsteigs

Title (fr)

Procédé et système pour la gestion de l'ouverture automatique des premières portes d'un véhicule et des deuxièmes portes d'un quai

Publication

EP 2535235 A1 20121219 (EN)

Application

EP 11290271 A 20110614

Priority

EP 11290271 A 20110614

Abstract (en)

The present invention proposes a system for managing an opening for a first and a second sets of automatically doors, the first set (DO1, D02) belonging to a vehicle (V) and the second set belonging to a platform at the wayside (WS) of the vehicle, both sets of doors having to be positioned exactly in front of each others before a command of opening them is validated, characterized in that : - at least two doors, one of the first set and another of the second set to be positioned in front of each other, provide a transparency pattern on a part of their window, said at least one pattern (TP3) allowing to transmit an amount of light within and though its associated window, - a unit for measurement of said amount of transmitted light over said pattern is emitting at least one trigger signal as the vehicle approaches the platform, said trigger signal commanding a stop at a defined relative position between the vehicle and the platform and enabling an opening of the sets of doors.

IPC 8 full level

B61B 1/02 (2006.01)

CPC (source: EP)

B61B 1/02 (2013.01)

Citation (search report)

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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)

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DOCDB simple family (publication)

EP 2535235 A1 20121219; **EP 2535235 B1 20131120**; CN 103619688 A 20140305; CN 103619688 B 20160525; HK 1194712 A1 20141024; WO 2012171724 A1 20121220

DOCDB simple family (application)

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