

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 eines Bahnsteigs

Title (fr)

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

Publication

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Application

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Priority

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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 through 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)

- [A] DE 102004025514 A1 20051103 - THYSSENKRUPP TRANSPRAPID GMBH [DE]
- [A] DE 19625193 C1 19971211 - SIEMENS AG [DE]
- [A] US 3502851 A 19700324 - KAKIMOTO JIRO, et al

Cited by

CN105225414A; WO2014044249A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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