

Title (en)

Articulated sliding door assembly for a public transportation vehicle, in particular for a railway vehicle

Title (de)

Gelenkige Schiebetüranordnung für ein öffentliches Verkehrsmittel, insbesondere für ein Schienenfahrzeug

Title (fr)

Ensemble porte coulissante articulée pour un véhicule de transport public, en particulier pour un véhicule ferroviaire

Publication

EP 2873581 A1 20150520 (EN)

Application

EP 13193211 A 20131115

Priority

EP 13193211 A 20131115

Abstract (en)

An articulated sliding door assembly comprises a door leaf (24) and a guide rail assembly (20) for guiding the door leaf (24) in translation parallel to a horizontal sliding direction (100) relative to the guide rail assembly (20) between a first end position and a second end position and a linkage for guiding the guide rail assembly (20) with respect to a doorway (10) between a recessed position and a protruding position. The doorway (10) is closed by the door leaf when the guide rail assembly (20) is in the recessed position and the door leaf is in the first end position, and open when the guide rail assembly (20,42) is in the protruding position and the door leaf is in the second end position. The linkage allows only a pivoting movement of the guide rail assembly (20) about a vertical pivot axis (50) fixed relative to the doorway (10).

IPC 8 full level

B61D 19/00 (2006.01); **B61D 19/02** (2006.01)

CPC (source: BR EP)

B61D 19/008 (2013.01 - BR EP); **B61D 19/02** (2013.01 - BR EP); **E05F 15/60** (2015.01 - BR EP)

Citation (applicant)

EP 0312450 A1 19890419 - FAIVELEY ETS [FR]

Citation (search report)

- [XII] US 7000977 B2 20060221 - ANDERS MICHAEL [DE]
- [XII] US 2003204999 A1 20031106 - GEORGE MICHAEL [US], et al
- [XII] US 2010127530 A1 20100527 - ELLIOTT ADRIAN NICHOLAS ALEXANDER [US], et al

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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)

BA ME

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DOCDB simple family (application)

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