

Title (en)

SWINGING-SLIDING DOOR MODULE FOR A RAIL VEHICLE WITH IMPROVED OVER-CENTRE LOCKING

Title (de)

SCHWENKSCHIEBETÜRMODUL FÜR EIN SCHIENENFAHRZEUG MIT VERBESSERTER ÜBERTOTPUNKTVERRIEGELUNG

Title (fr)

MODULE DE PORTIÈRE COULISSANT ET PIVOTANT DESTINÉ À UN VÉHICULE FERROVIAIRE AYANT SURVERROUILLAGE DE POINT MORT AMÉLIORÉ

Publication

EP 3049602 A1 20160803 (DE)

Application

EP 14796661 A 20140919

Priority

- AT 506102013 A 20130923
- AT 2014050213 W 20140919

Abstract (en)

[origin: WO2015039160A1] A swinging-sliding door module (101..105) for a rail vehicle is provided, said swinging-sliding door module comprising a door leaf (21, 22) and a rotatably mounted rotary pillar (71, 72) coupled to the door leaf (21, 22). Furthermore, the swinging-sliding door module (101..105) comprises a support (3) which is oriented longitudinally in the sliding direction of the door leaf (21, 22) and is mounted so as to be displaceable transversely with respect to the longitudinal extent thereof in the horizontal direction in relation to the rotary pillar (71, 72) and in which the door leaf (21, 22) is mounted displaceably. A first over-centre locking (41, 42) brings about the deployment movement of the support (3). Furthermore, the coupling between rotary pillar (71, 72) and door leaf (21, 22) comprises a second over-centre locking (81, 82) which acts in the deployment direction of the door leaf (21, 22).

IPC 8 full level

E05D 15/10 (2006.01)

CPC (source: AT EP RU US)

B61D 19/008 (2013.01 - AT US); **E05D 15/1068** (2013.01 - EP US); **E06B 3/5009** (2013.01 - US); **B61D 19/008** (2013.01 - RU); **E05D 7/00** (2013.01 - RU); **E05D 15/1068** (2013.01 - RU); **E05D 2015/1071** (2013.01 - EP US); **E05Y 2201/22** (2013.01 - EP US); **E05Y 2201/222** (2013.01 - EP US); **E05Y 2201/608** (2013.01 - EP US); **E05Y 2900/51** (2013.01 - EP US); **E06B 3/5009** (2013.01 - RU)

Citation (search report)

See references of WO 2015039160A1

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WO 2015039160 A1 20150326; AT 514885 A2 20150415; AT 514885 A3 20150615; AT 514885 B1 20151015; AU 2014324065 B2 20171102; BR 112016005882 A2 20170801; BR 112016005882 B1 20211103; CA 2924916 A1 20150326; CA 2924916 C 20210706; CN 105723041 A 20160629; CN 105723041 B 20180306; EP 3049602 A1 20160803; EP 3049602 B1 20181121; ES 2712226 T3 20190509; JP 2016538171 A 20161208; JP 6218936 B2 20171025; PL 3049602 T3 20190531; RU 2624184 C1 20170630; TR 201901923 T4 20190321; US 10246919 B2 20190402; US 2016215543 A1 20160728

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