

Title (en)

PIVOTING/SLIDING DOOR FOR VEHICLES, COMPRISING AT LEAST ONE DOOR LEAF AND A SPINDLE DRIVE

Title (de)

SCHWENKSCHIEBETÜR FÜR FAHRZEUGE MIT ZUMINDEST EINEM TÜRBLATT UND MIT SPINDELANTRIEB

Title (fr)

PORTE COULISSANTE ET LOUVOYANTE POUR VÉHICULES COMPRENANT AU MOINS UN BATTANT DE PORTE ET UN ENTRAÎNEMENT À BROCHE

Publication

**EP 3554915 A1 20191023 (DE)**

Application

**EP 17835449 A 20171214**

Priority

- AT 5642016 A 20161214
- AT 2017060333 W 20171214

Abstract (en)

[origin: WO2018107195A1] The invention relates to a pivoting/sliding door for vehicles, comprising a door leaf (3) with a support mechanism (14), a stationary rotatable spindle (2), and a spindle nut (1) which is connected to the door leaf (3) via a connection element (6) and comprising a stationary guiding rail (4) which has a curved section for a guide element (7) fixed to the door. The invention is characterized in that a) the curved section (9) is followed by a section (10) which runs perpendicularly to the spindle axis (12), b) the connection element (6) is connected to the spindle nut (1) and to a console (15) which is fixed to the door leaf in a pivotal manner about axes (11, 13), and c) the door leaf has a closed final position upon reaching the guide element (7) of the transition point between the curved section (9) and the perpendicular section (10) in the longitudinal direction (L) but is preferably still spaced from the closed final position in an adjustment direction (E).

IPC 8 full level

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CPC (source: AT EP US)

**B61D 1/00** (2013.01 - US); **B61D 19/008** (2013.01 - AT US); **B61D 19/009** (2013.01 - EP)

Citation (search report)

See references of WO 2018107195A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

**WO 2018107195 A1 20180621**; AT 520172 A1 20190115; AT 520172 B1 20190715; CN 110087966 A 20190802; EP 3554915 A1 20191023; US 2020086893 A1 20200319

DOCDB simple family (application)

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