

Title (en)

MECHANISM FOR OPENING AND CLOSING SLIDING DOORS

Title (de)

MECHANISMUS ZUM ÖFFNEN UND SCHLIESSEN VON SCHIEBETÜREN

Title (fr)

MECANISME D'OUVERTURE ET DE FERMETURE DE VANTAUX COULISSANTS

Publication

EP 2984269 B1 20170111 (FR)

Application

EP 14702032 A 20140131

Priority

- FR 1352193 A 20130312
- EP 2014051895 W 20140131

Abstract (en)

[origin: WO2014139726A1] The invention relates to a mechanism for opening and closing doors on a vehicle (1). Said mechanism includes a frame, in relation to which the door is movable. The mechanism (19) includes: a rack (21), placed in or on the door and attached thereto, in a manner that is substantially parallel to the sliding direction of the door; a motor (25), attached to the frame of the vehicle and having one outlet which is provided with a planetary reduction gearing (27) having a first outlet; and a first gear engaged with the first outlet of the planetary reduction gearing and rotating a second gear, which is engaged with the rack, thus making it possible, by turning, to slide the door.

IPC 8 full level

E05F 15/635 (2015.01); **E05F 15/655** (2015.01)

CPC (source: EP US)

E05F 15/635 (2015.01 - EP US); **E05F 15/655** (2015.01 - EP); **E05Y 2201/71** (2013.01 - EP US); **E05Y 2201/722** (2013.01 - EP US); **E05Y 2900/51** (2013.01 - EP)

Cited by

RU205585U1

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

DOCDB simple family (publication)

WO 2014139726 A1 20140918; EP 2984269 A1 20160217; EP 2984269 B1 20170111; FR 3003289 A1 20140919; FR 3003289 B1 20150501

DOCDB simple family (application)

EP 2014051895 W 20140131; EP 14702032 A 20140131; FR 1352193 A 20130312