

Title (en)

A RAIL MECHANISM WHICH PROVIDES DOOR OPENING AND CLOSING

Title (de)

SCHIENENMECHANISMUS ZUM ÖFFNEN UND SCHLIESSEN VON TÜREN

Title (fr)

MÉCANISME DE RAIL PERMETTANT L'OUVERTURE ET LA FERMETURE DE PORTE

Publication

**EP 3790751 A4 20210609 (EN)**

Application

**EP 18917843 A 20180808**

Priority

- TR 201806565 A 20180509
- TR 2018050419 W 20180808

Abstract (en)

[origin: WO2019216844A1] The present invention relates to a rail mechanism (100) in order to provide opening and closing of sliding doors (10) in vehicles. As an improvement, the subject matter rail mechanism (100) comprises a primary rail (20) fixed onto the vehicle body (11), at least one roller (30) positioned inside said primary rail (20) and which provides advancing of the door (10) between an open position (I) and a closed position (II), a first arm (40) whose one end is connected to the end part of said roller (30) in door (10) opening direction by means of a first hinge (41) and whose other end is connected to the edge of the door (10) in the door (10) closing direction and an extendable second arm (50) whose one end is connected to the end part of said roller (30) in the door (10) closing direction by means of a second hinge (51) and whose other end is connected to the edge of the door (10) in the door (10) opening direction.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] US 2014318017 A1 20141030 - LINKNER ROBBIE M [US]
- [A] US 2018087304 A1 20180329 - BAUER IVONNE [US], et al
- See references of WO 2019216844A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

**WO 2019216844 A1 20191114**; EP 3790751 A1 20210317; EP 3790751 A4 20210609; TR 201806565 A2 20180723

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