

Title (en)

Opening and closing mechanism for foldable doors

Title (de)

Öffnungs- und Schließmechanismus für faltbare Türe

Title (fr)

Mécanisme d'ouverture et de fermeture pour portes pliables

Publication

**EP 2088273 B1 20150603 (DE)**

Application

**EP 08002177 A 20080206**

Priority

EP 08002177 A 20080206

Abstract (en)

[origin: EP2088273A1] The arrangement has a coupling drive (14R) for transferring linear movement of a toothed drive belt (12) into rotary movement during starting an actuator for opening a door, where the rotary movement is induced into a leading door wing (4R) by exerting a torque moment on a rotational axis (8R) of the door wing. A rotational axis (7R) of the door wing moves transverse to a guiding rail such that the linear movement is directly converted into a translational movement of the rotational axis (8R) of the door wing. The rotational axis (8R) is displaced in parallel along the rail.

IPC 8 full level

**E05F 15/605** (2015.01)

CPC (source: EP)

**E05F 15/605** (2015.01); **E05Y 2900/104** (2013.01)

Cited by

WO2016091712A1; CN107000996A; CN111908310A; US10087047B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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