

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)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2088273 A1 20090812; EP 2088273 B1 20150603; ES 2546461 T3 20150923

DOCDB simple family (application)

EP 08002177 A 20080206; ES 08002177 T 20080206