

Title (en)

Swinging mechanism for opening and closing a door with a door leaf and a door frame, especially for a vehicle door

Title (de)

Schwenkmechanismus zum Öffnen und Schliessen einer aus einem Türblatt und einem Türrahmen bestehenden Tür, insbesondere einer Fahrzeugtür

Title (fr)

Mécanisme de pivotement pour ouvrir et fermer une porte avec vantail et châssis, en particulier pour une porte de véhicule

Publication

EP 1561891 A3 20090318 (DE)

Application

EP 05001344 A 20050124

Priority

DE 102004006012 A 20040206

Abstract (en)

[origin: EP1561891A2] Pivoting mechanism comprises a main parallelogram drive having a front main crank arm (1) and a rear main crank arm (2) located on a door frame on one side and on a door leaf on the other side. The main parallelogram drive has adjusting units to change the geometry. Preferred Features: The adjusting units are in a position to increase the effective length of the front main crank arm when fitting the door leaf to the frame.

IPC 8 full level

E05D 15/10 (2006.01); **E05D 15/34** (2006.01); **E05F 11/16** (2006.01); **E05D 15/58** (2006.01)

CPC (source: EP)

E05D 15/34 (2013.01); **E05D 15/58** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)

- [XAY] GB 1444219 A 19760728 - MAGIRUS DEUTZ AG
- [XA] FR 2746059 A1 19970919 - RENAULT [FR]
- [Y] DE 8405003 U1 19860116

Cited by

CN109552594A; CN110206452A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

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