

Title (en)

Suspension for a door of a vehicle

Title (de)

Aufhängung für eine Flügeltür eines Fahrzeugs

Title (fr)

Suspension d'une porte d'un véhicule

Publication

EP 2752546 A3 20160427 (DE)

Application

EP 13199409 A 20131223

Priority

DE 102013100003 A 20130102

Abstract (en)

[origin: EP2752546A2] The suspension has a wing door moving along direction of a longitudinal guide device. A support part is fixed with ends of the longitudinal guide device. A transverse guide device extending transversely to the longitudinal guide device along movement of a hinged door guided on a door frame opposite to the support part. A transmission mechanism is coupled with a rotary column and a connecting rod along the transverse guide device. An end portion of the rotary column is hinged with a rocker. A locking device is arranged between a support assembly and the transverse guide device.

IPC 1-7

E05F 15/06; E05F 15/04

IPC 8 full level

E05D 15/10 (2006.01)

CPC (source: EP)

E05D 15/1002 (2013.01); **E05D 15/1068** (2013.01); **E05F 15/53** (2015.01); **E05F 15/56** (2015.01); **E05F 15/565** (2015.01); **E05D 15/1065** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2900/506** (2013.01); **E05Y 2900/51** (2013.01)

Citation (search report)

- [XY] DE 2624934 A1 19771215 - MESSERSCHMITT BOELKOW BLOHM
- [X] GB 596535 A 19480106 - DONALD ASHMORE PEARSON
- [YD] EP 2184431 A1 20100512 - FBT FAHRZEUG UND MASCHB AG [CH]
- [YD] DE 3630229 A1 19880317 - KIEKERT GMBH CO KG [DE]

Cited by

EP3064696A1; EP3862519A1; CN113816239A; CN110254941A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2752546 A2 20140709; **EP 2752546 A3 20160427**; **EP 2752546 B1 20180131**; DE 102013100003 A1 20140703

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