

Title (en)

Drive device for refrigerator doors

Title (de)

Antriebs-Einrichtung für Kühlschränktüren

Title (fr)

Dispositif d'entraînement pour portes de réfrigérateur

Publication

EP 2148035 A3 20121107 (DE)

Application

EP 09008179 A 20090623

Priority

DE 102008034809 A 20080724

Abstract (en)

[origin: EP2148035A2] The arrangement has a housing (1), particularly a cooling or freezing equipment, a tilted linked door (4) at the housing around a drag axis (2) of a hinge (3) and a driving device (5) for the rotation of the door opposite to the housing. The driving device has a drive unit (60), by which a torque concerning the hinge axis is exercisable on the door over a power transmission unit (14).

IPC 8 full level

E05F 15/12 (2006.01); **E05D 3/16** (2006.01); **F25D 23/02** (2006.01)

CPC (source: EP US)

E05F 15/619 (2015.01 - EP US); **E05F 15/627** (2015.01 - EP US); **E05F 15/63** (2015.01 - EP US); **E05Y 2400/3013** (2024.05 - EP US); **E05Y 2400/326** (2013.01 - EP US); **E05Y 2900/31** (2013.01 - EP US); **F25D 23/028** (2013.01 - EP US); **Y10T 74/1967** (2015.01 - EP US)

Citation (search report)

- [X] WO 2007009783 A1 20070125 - LIEBHERR HAUSGERAETE [DE], et al
- [X] US 2005262868 A1 20051201 - JEONG GI J [KR], et al

Cited by

DE102016225514A1; DE102010020626A1; WO2019077636A1; DE102016122594A1; CN111479981A; EP3165857A4; EP3489599A1; DE102013103821A1; US11072960B2; US10054362B2; WO2018095822A1; US11466500B2; EP3795793A1; EP4036499A1; EP3767061A1; US11499358B2; EP4047164A1; EP3537070B1

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2148035 A2 20100127; **EP 2148035 A3 20121107**; **EP 2148035 B1 20171213**; **EP 2148035 B8 20180207**; CN 101634512 A 20100127; DE 102008034809 A1 20100128; ES 2660588 T3 20180323; RU 2009127307 A 20110127; US 2010018122 A1 20100128; US 8347553 B2 20130108

DOCDB simple family (application)

EP 09008179 A 20090623; CN 200910164778 A 20090724; DE 102008034809 A 20080724; ES 09008179 T 20090623; RU 2009127307 A 20090716; US 50897009 A 20090724