

Title (en)

ROTARY DRIVE FOR SWIVEL-MOUNTED DOORS, IN PARTICULAR VEHICLE DOORS

Title (de)

DREHANTRIEB FÜR SCHWENKBARE TÜRFLÜGEL, INSBESONDERE FÜR FAHRZEUGTÜREN

Title (fr)

ENTRAÎNEMENT ROTATIF POUR BATTANTS DE PORTE PIVOTANTS, EN PARTICULIER POUR PORTES DE VÉHICULES

Publication

**EP 2041387 A1 20090401 (DE)**

Application

**EP 07726182 A 20070702**

Priority

- EP 2007005845 W 20070702
- DE 102006031477 A 20060707

Abstract (en)

[origin: WO2008003449A1] A rotary drive for swivel-mounted doors, in particular vehicle doors, with a rotatably mounted spindle (18) with two opposing, flat threads (62, 64), a cylinder (10) that concentrically surrounds the spindle (18) and that contains a piston (52) that can be moved within the cylinder and that is torque-proof, an opening in the axis line of the piston (52) through which the spindle (18) passes, and at least two rollers (58, 60) that are rotatably mounted in the piston (52) on either side of the spindle and that roll on both opposing flat threads (62, 64) when the piston (52) is moved.

IPC 8 full level

**E05F 15/622** (2015.01)

CPC (source: EP)

**E05F 15/53** (2015.01); **E05F 15/54** (2015.01); **E05Y 2201/22** (2013.01); **E05Y 2201/238** (2013.01); **E05Y 2900/506** (2013.01); **E05Y 2900/51** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)

See references of WO 2008003449A1

Cited by

EP3477032A1; EP3453931A1

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**WO 2008003449 A1 20080110**; DE 102006031477 A1 20080117; DE 102006031477 B4 20080417; EP 2041387 A1 20090401; EP 2041387 B1 20150729; ES 2550587 T3 20151110; PL 2041387 T3 20160531

DOCDB simple family (application)

**EP 2007005845 W 20070702**; DE 102006031477 A 20060707; EP 07726182 A 20070702; ES 07726182 T 20070702; PL 07726182 T 20070702