

Title (en)

DOOR CLOSER FOR A WING OF A DOOR OR WINDOW

Title (de)

TÜRSCHLIESSER FÜR EINEN FLÜGEL EINER TÜR ODER EINES FENSTERS

Title (fr)

FERME-PORTE POUR UN VANTAIL DE PORTE OU DE FENETRE

Publication

EP 3004504 A1 20160413 (DE)

Application

EP 14732111 A 20140606

Priority

- DE 102013210515 A 20130606
- DE 102013210516 A 20130606
- EP 2014061833 W 20140606

Abstract (en)

[origin: WO2014195463A1] The invention relates to a retracting device for a leaf of a door or a window, comprising a housing, a piston which is arranged in a receiving area of the housing and which is urged by a spring, and a shaft which is mounted in the housing and which interacts with the piston, an actuating arm for the leaf being arranged on the shaft in a non-rotatable manner. At least one first driving element is arranged on the shaft, the head surface of said driving element forming a freewheel device with a freewheel region, wherein an arrangement of the piston or a tooth of a toothing of the piston slides on the freewheeling region so as to decouple the shaft from the piston.

IPC 8 full level

E05F 3/10 (2006.01)

CPC (source: EP RU US)

E05F 1/105 (2013.01 - RU US); **E05F 1/1083** (2013.01 - RU US); **E05F 3/10** (2013.01 - RU US); **E05F 3/102** (2013.01 - EP RU US); **E05F 3/104** (2013.01 - EP RU US); **E05F 3/18** (2013.01 - RU US); **E05Y 2201/214** (2013.01 - EP US)

Citation (search report)

See references of WO 2014195463A1

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)

WO 2014195463 A1 20141211; CA 2914543 A1 20141211; CA 2914543 C 20171121; CN 105283619 A 20160127; CN 105283619 B 20170901; EP 3004504 A1 20160413; EP 3004504 B1 20190410; HK 1218665 A1 20170303; RU 2015155825 A 20170714; RU 2633250 C2 20171011; UA 114566 C2 20170626; US 10161172 B2 20181225; US 2016123062 A1 20160505; WO 2014195474 A1 20141211; ZA 201508797 B 20170329

DOCDB simple family (application)

EP 2014061833 W 20140606; CA 2914543 A 20140606; CN 201480032655 A 20140606; EP 14732111 A 20140606; EP 2014061862 W 20140606; HK 16106635 A 20160608; RU 2015155825 A 20140606; UA A201512070 A 20140606; US 201414895814 A 20140606; ZA 201508797 A 20151201