

Title (en)
DOOR DRIVE DEVICE HAVING A MAIN DRIVE AND AUXILIARY DRIVE

Title (de)
TÜRANTRIEBSEINRICHTUNG MIT HAUPTANTRIEB UND HILFSANTRIEB

Title (fr)
MÉCANISME D'ENTRAÎNEMENT DE PORTE COMPOSÉ D'UN ENTRAÎNEMENT PRINCIPAL ET D'UN ENTRAÎNEMENT AUXILIAIRE

Publication
EP 3245369 A1 20171122 (DE)

Application
EP 16700893 A 20160118

Priority

- DE 102015000516 A 20150118
- DE 102015000515 A 20150118
- DE 102015000514 A 20150118
- DE 102015000513 A 20150118
- DE 102015100734 A 20150120
- DE 102015106827 A 20150430
- DE 102015118961 A 20151105
- EP 2016050933 W 20160118

Abstract (en)
[origin: WO2016113430A1] What is described is a door drive device which is composed of a main drive (1) and an auxiliary drive (2). It was the aim to provide a drive which is practical and brings advantages to the door. In this connection, there is provision that the linkage bearing of the auxiliary drive (2), which is formed as a sliding rail (2ks) designed for coupling/decoupling the linkage (2ka) or as a pivot bearing (2kd) designed for coupling/decoupling the linkage (2ka), is supported on the linkage bearing, which is formed as a sliding rail (1ks) or pivot bearing, of the main drive (1) or on the drive unit (1g) of the main drive (1), preferably on the housing, bearing framework, mounting plate (3fm) or output member (1w) of the drive unit (1g).

IPC 8 full level
E05F 1/10 (2006.01); **E05F 3/10** (2006.01); **E05F 5/02** (2006.01); **E05F 15/63** (2015.01)

CPC (source: CN EP US)
E05F 1/10 (2013.01 - US); **E05F 1/105** (2013.01 - EP US); **E05F 3/10** (2013.01 - CN EP US); **E05F 3/222** (2013.01 - EP US); **E05F 3/227** (2013.01 - US); **E05F 5/027** (2013.01 - CN EP US); **E05F 15/60** (2015.01 - US); **E05F 15/63** (2015.01 - CN EP US); **E05F 2003/228** (2013.01 - EP US); **E05F 2015/631** (2015.01 - CN EP US); **E05Y 2201/412** (2013.01 - CN EP US); **E05Y 2600/41** (2013.01 - CN EP US); **E05Y 2600/45** (2013.01 - CN EP US); **E05Y 2600/46** (2013.01 - CN EP US); **E05Y 2600/626** (2013.01 - EP US); **E05Y 2800/22** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - CN EP US)

Citation (search report)
See references of WO 2016113433A1

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 2016113430 A1 20160721; CN 107407123 A 20171128; CN 107567528 A 20180109; EP 3245367 A1 20171122; EP 3245368 A1 20171122; EP 3245368 B1 20200708; EP 3245369 A1 20171122; EP 3245370 A1 20171122; EP 3245370 B1 20200708; US 2018002965 A1 20180104; US 2018010375 A1 20180111; WO 2016113431 A1 20160721; WO 2016113432 A1 20160721; WO 2016113433 A1 20160721

DOCDB simple family (application)
EP 2016050930 W 20160118; CN 201680016040 A 20160118; CN 201680016051 A 20160118; EP 16700891 A 20160118; EP 16700892 A 20160118; EP 16700893 A 20160118; EP 16701581 A 20160118; EP 2016050931 W 20160118; EP 2016050932 W 20160118; EP 2016050933 W 20160118; US 201615543382 A 20160118; US 201615543627 A 20160118