

Title (en)

DRIVE DEVICE FOR PIVOTING A LEAF

Title (de)

ANTRIEBSEINRICHTUNG ZUM VERSCHWENKEN EINES FLÜGELS

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT POUR FAIRE PIVOTER UN BATTANT

Publication

EP 4217569 A1 20230802 (DE)

Application

EP 21782544 A 20210924

Priority

- DE 102020125115 A 20200925
- EP 2021076305 W 20210924

Abstract (en)

[origin: WO2022063952A1] The invention relates to a drive device (1) for pivoting a leaf (2) about a leaf axis, in particular a door leaf or a window leaf, said device having a motor/transmission module (3) comprising an electric machine (6), wherein the electric machine (6) has a, in particular single, stator (36) and a, in particular single, rotor (37) that is rotatable about a machine axis (X1), and comprising a transmission (7), wherein the drive device (1) has an output shaft (8) that is rotatable about a drive axis (X2). According to the invention, the transmission (7) has a gear ratio as the quotient of the speed of the rotor (37) as the dividend and the speed of the output shaft (8), wherein the gear ratio is less than 125, preferably less than 100, particularly preferably less than 75.

IPC 8 full level

E05F 1/10 (2006.01); **E05F 3/22** (2006.01); **E05F 15/63** (2015.01); **H02K 7/116** (2006.01); **H02K 21/24** (2006.01)

CPC (source: EP)

E05F 1/105 (2013.01); **E05F 3/224** (2013.01); **E05F 15/63** (2015.01); **H02K 7/116** (2013.01); **H02K 21/24** (2013.01); **E05F 2015/631** (2015.01);
E05Y 2201/434 (2013.01); **E05Y 2201/442** (2013.01); **E05Y 2201/604** (2013.01); **E05Y 2201/71** (2013.01); **E05Y 2800/232** (2013.01);
E05Y 2800/236 (2013.01); **E05Y 2800/264** (2024.05); **E05Y 2900/132** (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102020125115 A1 20220331; EP 4217569 A1 20230802; WO 2022063952 A1 20220331

DOCDB simple family (application)

DE 102020125115 A 20200925; EP 2021076305 W 20210924; EP 21782544 A 20210924