

Title (en)

Swinging door drive

Title (de)

Schwenktürantrieb

Title (fr)

Mécanisme d'entraînement d'une porte battante

Publication

EP 1108846 B1 20060301 (DE)

Application

EP 00127062 A 20001211

Priority

- DE 19960373 A 19991214
- DE 20004973 U 20000317

Abstract (en)

[origin: EP1108846A2] A compact servo drive for rear door flaps of vehicles, e.g. hatchbacks, estate cars, has a servo motor driving a linear drive linked to a geared drive that powers crank arms and curved thrust arms (5) to swing the door (10 about an upper fixed axis (2). The servo motor and gearing are mounted in a compact space inside the vehicle roof and the curved thrust arms do not extend a significant amount into the free space under the door flap.

IPC 8 full level

E05F 15/12 (2006.01); **B60J 5/10** (2006.01)

CPC (source: EP)

E05F 15/619 (2015.01); **E05F 15/63** (2015.01); **E05Y 2201/216** (2013.01); **E05Y 2201/246** (2013.01); **E05Y 2201/462** (2013.01); **E05Y 2201/722** (2013.01); **E05Y 2900/546** (2013.01)

Cited by

CN107780682A; CN109538070A; US10352080B2; WO2006058519A1; WO2006066574A1; WO03036008A1; US6955390B2; US10612288B2; US10633906B2

Designated contracting state (EPC)

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