

Title (en)

Actuator for the motorized swinging of a front door or a tailgate of a vehicle

Title (de)

Antriebsvorrichtung zum motorischen Schwenken einer Front- oder Heckklappe eines Kraftfahrzeugs

Title (fr)

Dispositif d'entraînement pour le pivotement motorisé d'un panneau frontal ou d'un hayon de véhicule

Publication

**EP 1072747 A3 20011121 (DE)**

Application

**EP 00113108 A 20000628**

Priority

DE 19935344 A 19990728

Abstract (en)

[origin: EP1072747A2] The drive system is designed so that the drive motor (10) is fitted laterally covered and can be arranged so that it is relatively weak. The motor is designed changeable in length by the power application of a lifting piston integrated in it. The drive motor has one end located with limited swiveling ability at the vehicle bodywork and at the other end engages at a swivel lever (8) connected rotationally proof with the drive shaft (4). The length of the swivel lever is selected to suit the desired swivel torque for the flap e.g. luggage compartment cover or an engine bonnet.

IPC 1-7

**E05F 15/04**; **E05F 15/12**

IPC 8 full level

**E05F 15/63** (2015.01); **E05D 3/06** (2006.01)

CPC (source: EP)

**E05F 15/63** (2015.01); **E05D 3/145** (2013.01); **E05F 1/1292** (2013.01); **E05F 15/622** (2015.01); **E05Y 2400/326** (2013.01); **E05Y 2600/458** (2013.01); **E05Y 2900/50** (2013.01); **E05Y 2900/531** (2013.01); **E05Y 2900/536** (2013.01); **E05Y 2900/546** (2013.01)

Citation (search report)

- [X] DE 29705362 U1 19970605 - KIRCHHOFF GMBH & CO [DE]
- [X] US 2811348 A 19571029 - BRUNDAGE ALAN D
- [X] DE 29701617 U1 19970327 - KUESTER & CO GMBH [DE]
- [X] US 3747271 A 19730724 - ADAMSKI R
- [X] DE 29722952 U1 19980618 - HOERBIGER GMBH [DE], et al
- [X] DE 4141820 A1 19930624 - BAYERISCHE MOTOREN WERKE AG [DE]

Cited by

CN106837047A; EP1306512A3; US7034485B2; US6707173B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1072747 A2 20010131**; **EP 1072747 A3 20011121**; DE 19935344 A1 20010201; DE 19935344 B4 20110127

DOCDB simple family (application)

**EP 00113108 A 20000628**; DE 19935344 A 19990728