

Title (en)

DRIVE WITH A LEVER GEAR FOR PIVOTING A VEHICLE DOOR OR VEHICLE LID

Title (de)

ANTRIEB MIT HEBELGETRIEBE ZUM VERSCHENKEN EINER FAHRZEUGTÜR ODER FAHRZEUGKLAPPE

Title (fr)

SYSTEME DE COMMANDE A MECANISME D'ACTIONNEMENT A LEVIER CONCU POUR FAIRE PIVOTER UNE PORTE OU UNE TRAPPE DE VEHICULE

Publication

EP 1509666 B1 20080730 (DE)

Application

EP 03735703 A 20030516

Priority

- DE 10222290 A 20020518
- EP 0350168 W 20030516

Abstract (en)

[origin: WO03097978A1] The invention relates to a drive (1) for pivoting a vehicle door or vehicle lid (3) that is rotationally connected to a hinge axle(4), wherein the drive (1) comprises a motor (5) and a lever gear (6) mounted downstream thereof. The lever gear (6) has at least one drive lever (7) that is rotationally connected to the motor (5) and at least one output shaft (9) that can be connected to the hinge axle (4). In order to provide such a drive (1) which is built as compact as possible, the drive lever (7) and the output lever (9) are directly and hingedly connected to one another. Since the pivoting axis (8, 10) of both levers (7, 9) are not arranged in a coincident manner, the hinged connection between the levers (7, 9) is configured in such a way that the levers can carry out a compensating movement against one another.

IPC 8 full level

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

CPC (source: EP)

E05F 15/603 (2015.01); **E05F 15/614** (2015.01); **E05F 15/63** (2015.01); **E05Y 2900/546** (2013.01)

Cited by

EP2862999A1; WO2015032893A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 03097978 A1 20031127; DE 10222290 A1 20031127; DE 10222290 B4 20101111; DE 50310251 D1 20080911; EP 1509666 A1 20050302; EP 1509666 B1 20080730

DOCDB simple family (application)

EP 0350168 W 20030516; DE 10222290 A 20020518; DE 50310251 T 20030516; EP 03735703 A 20030516