

Title (en)

Device for moving doors, tailgates, boot lids or similar of vehicles

Title (de)

Einrichtung zum Bewegen von Türen, Heckklappen, Kofferraumdeckeln oder dergleichen von Fahrzeugen

Title (fr)

Dispositif pour manoeuvrer des portes, hayons, couvercles de coffres ou similaires des voitures

Publication

EP 0829599 B1 20030917 (DE)

Application

EP 97104237 A 19970313

Priority

DE 19635096 A 19960830

Abstract (en)

[origin: EP0829599A1] The hand grip (1) to operate the lock for the boot lid, rear hatch etc. is fitted into a housing (2) mounted onto the vehicle. When not required the catch is retracted into the vehicle body via an opening. this holds the catch in a protected position while the vehicle is being driven. A servo motor moves the catch into the operating position when released by the driver. The catch has a circular shape and is moved about a central axis (5) by a servo drive arm (6) connected to the servo motor by a reduction gearing. The opening in the vehicle body is protected by a flexible seal (9) to prevent ingress of dirt. An alternate design has a linear drive to extend a hand grip catch out of the vehicle body, with a folding grip.

IPC 1-7

E05B 5/00

IPC 8 full level

E05B 5/00 (2006.01); **E05B 77/34** (2014.01); **E05B 85/10** (2014.01); **E05B 17/00** (2006.01)

CPC (source: EP)

E05B 77/34 (2013.01); **E05B 85/107** (2013.01)

Cited by

DE19805509A1; DE19835994A1; DE19835994B4

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 19635096 A1 19980305; DE 59710750 D1 20031023; EP 0829599 A1 19980318; EP 0829599 B1 20030917

DOCDB simple family (application)

DE 19635096 A 19960830; DE 59710750 T 19970313; EP 97104237 A 19970313