

Title (en)

Actuating device for doors or flaps on vehicles

Title (de)

Betätigungsvorrichtung für Türen oder Klappen an Fahrzeugen

Title (fr)

Dispositif de commande pour portes ou trappes sur véhicules

Publication

EP 1555363 B1 20070110 (DE)

Application

EP 04029008 A 20041208

Priority

DE 102004001894 A 20040114

Abstract (en)

[origin: EP1555363A1] The actuator has a carrier (10), fastened inside a door. The actuator has a cylinder lock (44) in a carrier and provides a straightening movement and can be dismantled. The actuator moves in two directions and can connect to a disassembly cover and to a rocker arm. A safety screw secures an installed part in a carrier. The rocker arm is also connected to the actuator which can be swung allowing a cam to be moved from an initial position to an end position. The cam during swiveling motion of the rocker arm has a valve movable between two positions. The actuator pushes the tower against a pressure area and toward its end position swivels the rocker arm. The rocker arm (23) can move from its end position and manually tilted back where a cam (28) of the rocker arm pushes the valve back (20) up to an unblocking position.

IPC 8 full level

E05B 7/00 (2006.01); **E05B 9/08** (2006.01); **E05B 65/20** (2006.01)

CPC (source: EP US)

E05B 79/06 (2013.01 - EP US); **E05B 85/16** (2013.01 - EP US); **Y10S 292/31** (2013.01 - EP US); **Y10T 70/5761** (2015.04 - EP US); **Y10T 70/5889** (2015.04 - EP US); **Y10T 70/7655** (2015.04 - EP US); **Y10T 70/8541** (2015.04 - EP US); **Y10T 292/57** (2015.04 - EP US)

Cited by

CN110582611A; CN103195315A; CN102953583A; EP2562338A3; WO2013013751A1; WO2018153531A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1555363 A1 20050720; **EP 1555363 B1 20070110**; DE 102004001894 A1 20050811; DE 102004001894 B4 20060323; DE 502004002614 D1 20070222; US 2005178176 A1 20050818; US 7146832 B2 20061212

DOCDB simple family (application)

EP 04029008 A 20041208; DE 102004001894 A 20040114; DE 502004002614 T 20041208; US 3168105 A 20050107