

Title (en)

CONTROL FOR THE ELECTRICAL ACTUATION OF A LOCK ON A LID OR ON A DOOR IN A VEHICLE

Title (de)

GRIFF ZUR ELEKTRISCHEN BETÄTIGUNG EINES VERSCHLUSSES AN EINER KLAPPE ODER EINER TÜR IN EINEM FAHRZEUG

Title (fr)

POIGNÉE POUR L'ACTIONNEMENT ÉLECTRIQUE D'UNE FERMETURE SUR UN ABATTANT OU UNE PORTE DANS UN VÉHICULE

Publication

EP 2019893 A1 20090204 (DE)

Application

EP 07723483 A 20070322

Priority

- EP 2007002526 W 20070322
- DE 102006024292 A 20060524

Abstract (en)

[origin: US7884293B2] Such a control (10) firstly has a control housing (11) with a control rocker switch (21) which is mounted on the control housing in such a way that it can be rocked and at least two electrical wires in the interior of the housing, which protrude from the control housing (11) and are attached to an electrical drive of one lock. An electrical switch which in turn has a switch housing with a ductile snap disc (40), which interacts with at least two rest contacts as articulated contact when a switch actuator deforms the snap disc, is normally a part of this control. The rest contacts are connected to the wires in the control housing (11). In order to manufacture an economical and space-saving device, it is proposed that the control housing (11) is also used as the switch housing and that the control rocker switch (21) is also utilized as the switch actuator. That way the rest contacts of the switch and the wires are formed from one part in the control housing (21) and make up a grill insert in the control housing (21). The control housing (21) has a support bearing (37) in the area of the grill insert, at which the snap disc (40) is supported with its bearing points.

IPC 8 full level

E05B 17/22 (2006.01); **E05B 65/19** (2006.01); **H01H 21/10** (2006.01)

CPC (source: EP US)

E05B 81/76 (2013.01 - EP US); **H01H 3/163** (2013.01 - EP US); **H01H 5/30** (2013.01 - EP US); **H01H 23/06** (2013.01 - EP US); **E05B 83/16** (2013.01 - EP US); **H01H 2011/0081** (2013.01 - EP US); **H01H 2223/002** (2013.01 - EP US); **Y10T 70/5155** (2015.04 - EP US)

Cited by

EP2787578B1

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

US 2009090143 A1 20090409; **US 7884293 B2 20110208**; AT E480684 T1 20100915; CN 101454529 A 20090610; CN 101454529 B 20130911; DE 102006024292 A1 20071129; DE 502007005008 D1 20101021; EP 2019893 A1 20090204; EP 2019893 B1 20100908; WO 2007134663 A1 20071129

DOCDB simple family (application)

US 22753907 A 20070322; AT 07723483 T 20070322; CN 200780018906 A 20070322; DE 102006024292 A 20060524; DE 502007005008 T 20070322; EP 07723483 A 20070322; EP 2007002526 W 20070322