

Title (en)

Quasi motion free door handle, with feedback to the user

Title (de)

Quasi-Feststehender Türgriff mit taktiler Rückmeldung

Title (fr)

Poignée de port quasi sans mouvement, avec un retour d'information à l'utilisateur

Publication

EP 1816290 A3 20080702 (DE)

Application

EP 06125953 A 20061212

Priority

DE 102006005262 A 20060202

Abstract (en)

[origin: EP1816290A2] The device (1) has a control unit (8), which operates the closing device (2) during detecting of a pull at a handle (3) in closed door or flap in such a manner that the door or flap is opened. The handle acts on a transmitting mechanism (5), which opposes force to movement caused by pulling on the handle. The transmitting mechanism is formed in such a manner that when the handle is pulled with a force, which is larger or equal than an emergency opening force, the transmission mechanism is moved such that, it operates the closing device, so that the door or flap is opened. The transmitting mechanism is formed in such a manner that when the handle is pulled with a force, which is smaller than the emergency opening force, but sufficient for producing pulling indicating output signal of the sensor (6), the transmitting mechanism is moved in such a manner that a handle movement is performed, which is perceptible to the operator of the handle.

IPC 8 full level

E05B 65/20 (2006.01)

CPC (source: EP)

E05B 81/76 (2013.01); **E05B 85/16** (2013.01)

Citation (search report)

- [A] DE 102004042112 A1 20050324 - KIEKERT AG [DE]
- [A] DE 10300572 A1 20040722 - DAIMLER CHRYSLER AG [DE]
- [A] DE 10131436 A1 20030116 - DAIMLER CHRYSLER AG [DE]
- [A] WO 2005038176 A1 20050428 - HUF HUELSBECK & FUERST GMBH [DE], et al
- [A] DE 10107121 A1 20020829 - VALEO SICHERHEITSSYSTEME GMBH [DE]

Cited by

EP4155489A1; EP4155487A1; DE102008024341A1; DE102008024341B4; CN114787470A; US2021164281A1; US11959324B2; EP3945191A1; US2022034130A1; WO2015180943A1; WO2021121685A1; WO2020259750A1; US11866965B2

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1816290 A2 20070808; EP 1816290 A3 20080702; EP 1816290 B1 20100217; AT E458108 T1 20100315; DE 102006005262 A1 20070809; DE 502006006168 D1 20100401

DOCDB simple family (application)

EP 06125953 A 20061212; AT 06125953 T 20061212; DE 102006005262 A 20060202; DE 502006006168 T 20061212