

Title (en)

Vehicle boot door apparatus and method for actuating the same

Title (de)

Vorrichtung für eine Kofferraumklappe und Verfahren zu deren Betätigung

Title (fr)

Dispositif de porte de coffre de véhicule et son procédé d'actionnement

Publication

EP 1722053 A1 20061115 (DE)

Application

EP 04022357 A 20040920

Priority

EP 04022357 A 20040920

Abstract (en)

Device has a guide arm (3), which is swivelably linked at its one end (4) and at the other end (5) it is connected flexibly with the trunk compartment lid. Device also has a first pushing element, which is swivelably linked at its one end and at the other end it is connected flexibly with the trunk lid compartment. Device has a second pushing element (11), which is controlled by means of a control unit (10) such that the trunk compartment lid can be operated externally. The second pulling element is a pneumatic pulling element and is connected flexibly with the guiding arm at one end, such that the trunk compartment lid can be manually operated in an opening and closing position. An independent claim is also included for the method for manually operating a trunk compartment lid.

IPC 8 full level

E05C 17/04 (2006.01); **E05C 17/30** (2006.01); **E05C 17/32** (2006.01); **E05C 17/58** (2006.01)

CPC (source: EP)

E05D 15/46 (2013.01); **E05F 1/1091** (2013.01); **E05F 15/57** (2015.01); **E05Y 2400/3013** (2024.05); **E05Y 2900/50** (2013.01); **E05Y 2900/506** (2013.01); **E05Y 2900/54** (2013.01)

Citation (search report)

- [A] EP 0530494 A1 19930310 - FIAT AUTO SPA [IT]
- [A] US 4401179 A 19830830 - ANDERSON ROBERT M [US]
- [A] AT 327100 B 19760112 - ZELLINGER GMBH [AT]
- [A] DE 4132958 A1 19920514 - LOEBBERT JOHANNES [DE]

Cited by

CN111622637A

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1722053 A1 20061115; **EP 1722053 B1 20071128**; CN 1752393 A 20060329; CN 1752393 B 20110921; DE 502004005628 D1 20080110; ES 2295752 T3 20080416; PL 1722053 T3 20080530

DOCDB simple family (application)

EP 04022357 A 20040920; CN 200510007643 A 20050207; DE 502004005628 T 20040920; ES 04022357 T 20040920; PL 04022357 T 20040920