

Title (en)
DEVICE COMPRISING A MOMENTARY CONTACT SWITCH FOR ACTUATING A LOCK ON A DOOR OR HINGED LID, IN PARTICULAR, FOR A VEHICLE

Title (de)
VORRICHTUNG MIT EINEM TASTER ZUR BETÄTIGUNG EINES VERSCHLUSSES AN EINER TÜR ODER Klappe, INSBESONDERE FÜR EIN FAHRZEUG

Title (fr)
DISPOSITIF MUNI D'UN BOUTON-POUSOIR POUR ACTIONNER LA SERRURE D'UNE PORTIERE OU D'UN VOLET ARTICULE, NOTAMMENT POUR UN VEHICULE

Publication
EP 1319112 A1 20030618 (DE)

Application
EP 01969602 A 20010817

Priority
• DE 10047090 A 20000921
• EP 0109485 W 20010817

Abstract (en)
[origin: WO0227124A1] The invention relates to a device (10.1) comprising a momentary contact switch (11) as well as a lock cylinder (20) having tumblers (21, 21'), which are transferred between a blocked position and an unblocked position by means of a key (22). In the blocked position, said tumblers (21, 21') interact with a blocking edge (30), which is released only in the unblocked position. The traveling motion (12) of the momentary contact switch (11) is transferred to the entry element (40) of the lock only in the unblocked position. In order to obtain a simple and yet reliable device (10.1), the invention provides that the lock cylinder (20) is arranged in a manner that prevents it from twisting, and the blocking edge (30) is made such that it can transversally move (35) in relation to the tumblers (21, 21'). This transversal motion (35) is caused by the traveling motion (12) of the momentary contact switch (11). The blocked position of the tumblers (21, 21') prevents the transversal motion (35) of the blocking edge (30). The traveling motion (12) of the momentary contact switch (11) is then only transferred to the lock when the transversal motion (35) of the blocking edge (30) is possible.

IPC 1-7
E05B 13/10; **E05B 29/00**

IPC 8 full level
E05B 13/10 (2006.01); **E05B 29/00** (2006.01); **E05B 29/04** (2006.01); **E05B 65/26** (2006.01)

CPC (source: EP US)
E05B 13/105 (2013.01 - EP US); **E05B 29/0006** (2013.01 - EP US); **Y10S 292/37** (2013.01 - EP US); **Y10T 70/7582** (2015.04 - EP US); **Y10T 70/7599** (2015.04 - EP US); **Y10T 70/7616** (2015.04 - EP US); **Y10T 70/7757** (2015.04 - EP US)

Citation (search report)
See references of WO 0227124A1

Designated contracting state (EPC)
DE ES FR IT

DOCDB simple family (publication)
WO 0227124 A1 20020404; AU 8981001 A 20020408; DE 10047090 A1 20020425; DE 50110351 D1 20060810; EP 1319112 A1 20030618; EP 1319112 B1 20060628; US 2003172695 A1 20030918; US 6761052 B2 20040713

DOCDB simple family (application)
EP 0109485 W 20010817; AU 8981001 A 20010817; DE 10047090 A 20000921; DE 50110351 T 20010817; EP 01969602 A 20010817; US 36294803 A 20030226