

Title (en)
ACTUATING DEVICE FOR A LOCK, ESPECIALLY IN A MOTOR VEHICLE

Title (de)
BETÄTIGUNGSVORRICHTUNG FÜR EIN SCHLOSS, INSBESONDERE AN EINEM FAHRZEUG

Title (fr)
DISPOSITIF D'ACTIONNEMENT POUR UNE SERRURE, NOTAMMENT SUR UN VEHICULE

Publication
EP 1295000 A1 20030326 (DE)

Application
EP 01931604 A 20010414

Priority
• DE 10031249 A 20000627
• EP 0104268 W 20010414

Abstract (en)
[origin: WO0201026A1] The invention relates to an actuating device for a lock, especially a lock on the parcel shelf of a motor vehicle, comprising an actuating element (30) and a transmission element (20) which can be moved in a linear manner (20) and on which a catch device (21) is disposed, whereby the movement thereof impinges upon a trigger element (12) which interacts with an actuating rod assembly. The transmission element (20) is embodied as an axially displaceable shaft (20) which can be rotated by means of a central locking device (11) and is provided with an eccentrically arranged extension (22). One area of the actuating element (30) can be rotated by means of a locking cylinder (31) and is provided with an eccentrically arranged extension (32). The front faces (23, 32) of the extensions (22, 32) face each other and overlap in at least one rotational position but not in all relative rotational positions of the extensions (22, 32). No overlapping of the front faces (22,32) occurs, however, in at least one rotational position of one of the extensions (22,32), irrespective of the adjustable rotational position of the other extension. Preferably, a locking plate (40) is arranged between the actuating element and the transmission element. Said locking plate has a recess (41) whose shape enables engagement of the extension (32) of the actuating element (30) in at least one but not all of the rotational positions provided.

IPC 1-7
E05B 13/10; E05B 65/12; E05B 65/19; E05B 65/20

IPC 8 full level
E05B 13/10 (2006.01); **E05B 29/04** (2006.01); **E05B 65/12** (2006.01); **E05B 65/19** (2006.01); **E05B 65/20** (2006.01); **E05B 83/30** (2014.01); **E05B 63/00** (2006.01); **E05B 83/16** (2014.01); **E05B 85/10** (2014.01)

CPC (source: EP US)
E05B 13/105 (2013.01 - EP US); **E05B 83/30** (2013.01 - EP US); **E05B 63/0065** (2013.01 - EP US); **E05B 83/16** (2013.01 - EP US); **E05B 85/10** (2013.01 - EP US); **Y10T 70/5827** (2015.04 - EP US); **Y10T 70/7576** (2015.04 - EP US); **Y10T 70/7706** (2015.04 - EP US)

Citation (search report)
See references of WO 0201026A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 0201026 A1 20020103; AU 5833901 A 20020108; DE 10031249 A1 20020307; DE 10031249 C2 20021128; DE 50106909 D1 20050901; EP 1295000 A1 20030326; EP 1295000 B1 20050727; ES 2243494 T3 20051201; US 2003136163 A1 20030724; US 6886381 B2 20050503

DOCDB simple family (application)
EP 0104268 W 20010414; AU 5833901 A 20010414; DE 10031249 A 20000627; DE 50106909 T 20010414; EP 01931604 A 20010414; ES 01931604 T 20010414; US 31237602 A 20021224