Title (en)
ACTUATING DEVICE FOR A VEHICLE DOOR LOCK

Publication
EP 0213993 B1 19890405 (FR)

Application
EP 86401591 A 19860716

Priority
FR 8511189 A 19850722

Abstract (en)
[origin: ES295527U] The actuator comprises the following elements: (a) an electric motor (2) capable of driving in rotation a reversible lead-screw (3) on which is mounted a carriage (4) which is freely slidable and mechanically connected to a lever for locking the latch (b) a nut (6) mounted on the lead-screw (3) within the carriage, prevented from rotating by a guiding of the nut within the carriage and provided, on one hand, with an elastically yieldable element (7) compressible between the carriage (4) and the screw (3) so as to return the nut (6) when the element (7) is compressed, and, on the other hand, with a stud (8) adapted to cooperate with ramps (9, 10, 11, 12) formed on a cam (13) vertically movable in the case by the movement in translation of the nut (6) and the stud (8) controlling the cam (13) (c) the cam (13) is provided with a shoe (15) capable of bolting the carriage (4) in the electrically locked position when it has been displaced to its uppermost position by the stud (8) sliding on the ramps, whereby any manual unlocking of the latch is prevented.

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IPC 8 full level
E05B 65/20 (2006.01); **E05B 65/12** (2006.01)

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E05B 81/25 (2013.01 - EP US); Y10T 74/18592 (2015.01 - EP US); Y10T 292/1082 (2015.04 - EP US); Y10T 292/57 (2015.04 - EP US)

Cited by
EP0296980A3; GB2250773A; EP0287860A3; US4903535A; GB2227049A; US5029915A; GB2227049B

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