

Title (en)

ACTUATING DEVICE FOR A VEHICLE DOOR LOCK

Publication

EP 0342099 B1 19930127 (FR)

Application

EP 89401241 A 19890502

Priority

FR 8806379 A 19880511

Abstract (en)

[origin: JPH01318677A] PURPOSE: To render a door latch inoperative by providing a control means between an electric motor for rotating a reversible screw and a lever, a connecting kinematic mechanism between a cam rotatably mounted on a pin and an internal lever, and a movable cam surface. CONSTITUTION: This actuator comprises an electric motor capable of driving in rotation of a reversible screw 2 through a clutch 3 and gear trains 4, 5, and a cam 10 rotatable mounted on a pin A, the cam 10 being connected to a case 18 for housing such components and the components of the actuator itself. The cam surface is made into the form allowing the process from the position of an inner lever 17 for rendering a latch inoperative and an inner lever 20 for controlling the opening of the latch to the position for rendering the latch inoperative or operative, and the process to the theft preventing position by releasing the inner lever 17 and locking the inner opening lever 20. According to this, any manual operation of the latch from the theft preventing position to the operative position can be arrested.

IPC 1-7

E05B 47/00

IPC 8 full level

E05B 77/46 (2014.01); **E05B 77/28** (2014.01); **E05B 81/40** (2014.01); **E05B 81/44** (2014.01); **E05B 83/36** (2014.01)

CPC (source: EP US)

E05B 81/25 (2013.01 - EP US); **Y10T 74/18592** (2015.01 - EP US); **Y10T 74/1896** (2015.01 - EP US); **Y10T 74/2107** (2015.01 - EP US); **Y10T 292/1082** (2015.04 - EP US)

Cited by

EP0536354A4; FR2702510A1; EP0967350A1; FR2768869A1; EP1435421A1; EP0693605A1; EP0775791A1; US5931034A; FR2941994A1; CN114450459A; US6208103B1; WO9915748A1; WO9720121A1

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