

Title (en)
Lock with automatic unlocking on opening

Title (de)
Schloss mit automatischer Entriegelung beim Öffnen

Title (fr)
Serrure à décondamnation automatique à l'ouverture

Publication
EP 0989266 B1 20050706 (FR)

Application
EP 99402278 A 19990917

Priority
FR 9811740 A 19980921

Abstract (en)
[origin: EP0989266A1] The lock comprises two compartments and a common base (15) extending over the whole area of the lock case (B). A control lever (11), mounted on a stub shaft passing through the base and rotating a catch, releasing the bolt located within the other compartment. This is actuated by a peg fixed under a toothed wheel (22). The wheel is driven by a geared motor (16) energized on the initial movement of a cable (C) which operates a micro-switch (60), the cable being connected to the exterior door handle. The interior door handle acts directly on the catch. A reversible second motor (53) is mounted so as to control a pivoted locking lever (41) via a toothed peripheral rack (48).

IPC 1-7
E05B 47/00; **E05B 65/32**

IPC 8 full level
E05B 65/12 (2006.01); **E05B 65/20** (2006.01); **E05B 65/32** (2006.01); **E05B 17/00** (2006.01); **E05B 53/00** (2006.01)

CPC (source: EP)
E05B 77/34 (2013.01); **E05B 79/20** (2013.01); **E05B 81/06** (2013.01); **E05B 81/14** (2013.01); **E05B 81/16** (2013.01); **E05B 81/34** (2013.01); **E05B 85/01** (2013.01); **E05B 77/12** (2013.01); **E05B 77/16** (2013.01); **E05B 77/30** (2013.01); **E05B 81/90** (2013.01)

Cited by
CN108118982A; CN103774913A; CN112523622A; EP1288408A3; CN110528968A

Designated contracting state (EPC)
DE ES GB IT SE

DOCDB simple family (publication)
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