

Title (en)

Locking device for doors, windows and similar

Title (de)

Verriegelungsvorrichtung für Türen, Fenster oder dergleichen

Title (fr)

Dispositif de verrouillage pour portes, fenêtres et similaires

Publication

**EP 1046770 A1 20001025 (EN)**

Application

**EP 99830229 A 19990420**

Priority

EP 99830229 A 19990420

Abstract (en)

A locking system for the locking/unlocking of locks in doors, windows and the like is provided comprising a cylindrical body (4), a front panel (6) and a rear panel (8), characterised in that it comprises a key (1) for cooperating with a cam (5) to enable the locking/unlocking of the lock; connection means (34,35) for connecting said cam (5) to said key (1); a second key (10) connected to a cylindrical member (30) apted to cooperate with said cam (5) to enable the locking/unlocking of the lock; and actuator means (18,38,39) for said connection means (34,35); the arrangement being such that due to the activation of said actuator means (18,38,39) said connection means (34,35) are apted to move from a first non-operative condition, wherein there is no connection between said key (1;10) and said cam (5), to a second operative condition wherein said key (1;10) is connected to said cam (5). <IMAGE>

The locking system comprises a cylindrical body (4) with front and rear panels. A key co-operates with a cam (5) to provide locking and unlocking. A pin (34) and a bush (35) connect the cam to the key. A second key is connected to a cylinder (30) which co-operates with the cam and an electro-mechanical actuator (18) via a rod (38) and lever (39). Movement of the actuator moves a key pin (37) between a non-operative position and an operative position moving the cam to a position where it is connected to the key.

IPC 1-7

**E05B 47/06**

IPC 8 full level

**E05B 47/06** (2006.01); **E05B 41/00** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP)

**E05B 47/0642** (2013.01); **E05B 47/0692** (2013.01); **E05B 41/00** (2013.01); **G07C 2009/00769** (2013.01)

Citation (applicant)

US 5826450 A 19981027 - LERCHNER LEONHARD [AT], et al

Citation (search report)

- [X] DE 4334420 C1 19941124 - BAB IKON GMBH SCHLIESTECHNIK [DE]
- [X] AT 392507 B 19910425 - EVVA WERKE [AT]
- [XA] WO 9815703 A1 19980416 - LUCKY LOCK LTD [IL], et al
- [X] WO 9602721 A1 19960201 - SILCA SPA [IT], et al
- [A] US 3939679 A 19760224 - BARKER JAMES N, et al

Cited by

DE10225649B4; FR2849085A1; EP1369825A3; WO2007000576A1; WO2022128480A1

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