

Title (en)

Code type lock especially for safes.

Title (de)

Permutationsschloss, insbesondere für Geldschränke.

Title (fr)

Serrure à permutation notamment pour coffres-forts.

Publication

EP 0021670 A1 19810107 (EN)

Application

EP 80301889 A 19800606

Priority

- ES 481359 A 19790607
- ES 483005 A 19790731

Abstract (en)

The lock comprises a key (101) operated bolt and an electronic device capable of storing a code and permitting or preventing the opening of said bolt depending on the coincidence or non-coincidence of another code entered through a keyboard (1) with the previously stored code. This lock is intended to be used in a safe and presents the particularity whereby each time said safe is opened the stored code is erased and the user, on leaving it closed, is able to set a new code, which may be identical to or different from the previously stored one. This lock provides a means of dissuading undue manipulations by unauthorised persons unfamiliar with the number of the code entered, which consists in blocking the lock for a certain time when the keyboard is unduly pressed. In this case an alarm system is also provided.

IPC 1-7

E05B 49/00; **G08B 13/08**

IPC 8 full level

E05B 47/00 (2006.01); **G07C 9/00** (2006.01); **G08B 13/00** (2006.01); **G08B 13/06** (2006.01); **E05B 63/00** (2006.01)

CPC (source: EP)

E05B 47/0012 (2013.01); **E05B 47/026** (2013.01); **G07C 9/0069** (2013.01); **G07C 9/00912** (2013.01); **G08B 13/00** (2013.01); **G08B 13/06** (2013.01); **E05B 63/0073** (2013.01); **E05B 2047/0023** (2013.01)

Citation (search report)

- US 4062056 A 19771206 - GOODRICH DAVID E
- US 4148092 A 19790403 - MARTIN RICKY
- DE 2125559 A1 19711209 - PHINIZY R
- [A] US 3717795 A 19730220 - ATKINS C
- [A] US 3953769 A 19760427 - SOPKO RILEY M
- [A] FR 2026766 A6 19700918 - TELEMECCANICA ELETTRICA
- [A] DE 1929364 A1 19700604 - TELEMECCANICA ELETTRICA OHG RI

Cited by

WO2014001415A1; EP0626492A3; US5061923A; FR2607545A1; GB2158867A; EP2679750A1; CN104487642A; EP0327145A3; FR2967436A1; US4812841A; EP0372110A1; EP0111186A3; EP1048805A1; FR2792964A1; EP4328403A1; GB2205893A; GB2205893B; US4986099A; NO341487B1; US5613388A; US5632169A; US5640862A; US5647235A; US5816084A; US5615625A; US4853676A; EP0086617A3; ITNA20100019A1; US5517184A; US5777559A; US5847656A; US5973624A; US6052063A; FR2593310A1; EP0111186A2; US6911897B2; US8093986B2; US8635893B2; EP3546680A1; IT201800004106A1; WO2006102895A1; US8091392B2; US8516863B2; US7263865B2; US6813917B2; US9080349B2; US9816294B2; US10190335B2; US10550604B2; US10550602B2; US10557285B2; US11499342B2; US11613911B2; EP1863987B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)

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EP 80301889 A 19800606; AU 5912780 A 19800606; BR 8003504 A 19800604; CA 353501 A 19800606; DE 3069925 T 19800606; GR 800162154 A 19800606; IN 433DE1980 A 19800611; NO 801694 A 19800606; PT 7135780 A 19800606