

Title (en)

Redundant contral system for a lock

Title (de)

Redundante Steuerungsvorrichtung für ein Schloss

Title (fr)

Dispositif de commande à redondance destiné à équiper une serrure

Publication

EP 0886023 B1 20040804 (FR)

Application

EP 97108687 A 19970530

Priority

EP 97108687 A 19970530

Abstract (en)

[origin: EP0886023A1] A locking system consists of a latch (22) which is moved by a mechanism (21). The mechanism (21) is operated by a control unit (20) which initiates a change in the state of the lock according to predetermined conditions and ensures that the change is maintained until the next change. The control unit (20) includes a section (23) which has two redundant units (31,32) which both send similar instructions to the mechanism actuator (30) but have different structures and methods of operation. Under normal conditions the actuating unit behaves as an "and gate". If either of the two instructing units (31,32) fails the other switches it out and continues to issue it's own instructions to the mechanism actuator (30).

IPC 1-7

E05B 49/00

IPC 8 full level

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

CPC (source: EP US)

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