

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)  
**G07C 9/00912** (2013.01 - EP US); **E05B 2047/0054** (2013.01 - EP US); **Y10T 70/7068** (2015.04 - EP US)

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0886023 A1 19981223**; **EP 0886023 B1 20040804**; AR 015838 A1 20010530; AT E272774 T1 20040815; CA 2289603 A1 19981203; CA 2289603 C 20070123; DE 69730121 D1 20040909; DE 69730121 T2 20050811; US 6608548 B1 20030819; WO 9854428 A1 19981203

DOCDB simple family (application)  
**EP 97108687 A 19970530**; AR P980102542 A 19980529; AT 97108687 T 19970530; CA 2289603 A 19980522; CH 9800214 W 19980522; DE 69730121 T 19970530; US 42421799 A 19991119