Title (en)
Programmable trigger system for delayed locking/unlocking of a security installation

Title (de)
Programmierbares Triggersystem für zeitverzögerte Verriegelung/Entriegelung einer Sicherheitsinstallation

Title (fr)
Système à déclenchement programmable pour le verrouillage/déverrouillage temporisé d'une installation de sécurité

Publication
EP 0740036 B1 20011017 (FR)

Application
EP 96106414 A 19960424

Priority
• CH 123195 A 19950428
• FR 9506813 A 19950609

Abstract (en)
[origin: EP0740036A1] A time-locked safe, strong-room, etc. is accessible only when the locking mechanism is freed by one or more internal release modules (10a). An authorised person sets the release time using hand-held controller (30) incorporating key-pad, microprocessor, RAM, ROM and EEPROM memories and radio-controlled clock. An LCD display (34) guides the user and an RS232 interface (52) allows interconnection with e.g. a supervisory printer or PC. The controller identifies itself and passes instructions (SC) to a microprocessor in the module over one infra-red channel (72, 22a), receiving confirmation (SQ) over another (24a, 74). After decrementing the specified delay time, the module releases the lock mechanism electromechanically. Every operational change is sequentially recorded in EEPROM memories.

IPC 1-7
E05B 43/00; E05B 49/00

IPC 8 full level
E05B 43/00 (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP)
E05B 43/005 (2013.01); **G07C 9/00309** (2013.01); **G07C 9/00817** (2013.01); **G07C 9/00912** (2013.01); G07C 2009/00785 (2013.01); G07C 2009/00841 (2013.01)

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