

Title (en)

DELAY ACTION ELECTRONIC TIMER LOCK WITH AUTOMATIC CANCELLATION CAM.

Title (de)

MIT VERZÖGERUNG ARBEITENDES ELEKTRONISCHES ZEITSCHLOSS MIT AUTOMATISCH ARBEITENDEN RÜCKSTELNocken.

Title (fr)

SERRURE A MINUTERIE ELECTRONIQUE ET A ACTION RETARDEE, POURVUE D'UNE CAME D'ANNULATION AUTOMATIQUE.

Publication

EP 0528863 B1 19940817

Application

EP 91908894 A 19910510

Priority

- CA 2017150 A 19900518
- CA 9100161 W 19910510

Abstract (en)

[origin: WO9118167A1] A delay action time lock having a lock housing (10) in which a spring action bolt (11) is movably connected. A retracting cam (19) is provided for engagement with a bolt retracting lever (23) for retracting a locking end (11') of the bolt in the housing by means of a key (12) inserted in a key cylinder (14) and after an electronic timer (15) has initiated a first preset time delay count. A motor actuated support cam (30) is provided for normally supporting the retracting lever (23) in a disengaged position with the retracting cam (19). After the preset time delay count, the bolt retracting lever (23) is liberated to be engaged by the retracting cam (19). After a second preset time delay or upon the actuation of a microswitch (32) by the retracting lever (23), the motor actuated support cam (30) is placed to support the retracting lever (23) at its disengaged position so that as soon as the key cylinder is turned back to its initial position, the lock bolt is disengaged.

IPC 1-7

E05B 43/00

IPC 8 full level

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CPC (source: EP)

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WO 9118167 A1 19911128; AU 653936 B2 19941020; AU 7780491 A 19911210; BR 9106471 A 19930518; CA 2017150 A1 19911118; CA 2017150 C 19931005; DE 69103523 D1 19940922; DE 69103523 T2 19941208; EP 0528863 A1 19930303; EP 0528863 B1 19940817; ES 2057891 T3 19941016

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