

Title (en)  
PERMUTATION SECURITY LOCKS

Publication  
**EP 0033261 B1 19840516 (FR)**

Application  
**EP 81400056 A 19810116**

Priority  
FR 8001673 A 19800125

Abstract (en)  
[origin: US4340925A] The opening order of this safety lock causes the following operations to occur successively: application, to the key, of a coded sequence of angular solicitations in both directions, then the free rotation of this key in a given direction. The decoding is ensured electrically by comparing, with a previously memorized reference sequence, the train of electrical pulses generated by two electromechanical transducers actuated, according to the sequence applied to the key, by a cam itself driven by this key.

IPC 1-7  
**E05B 49/00**

IPC 8 full level  
**E05B 49/00** (2006.01)

CPC (source: EP US)  
**E05B 49/004** (2013.01 - EP US); **Y10T 70/7079** (2015.04 - EP US); **Y10T 70/7124** (2015.04 - EP US)

Citation (examination)  
• US 3979052 A 19760907 - DETTLING JOSEPH R, et al  
• US 3660729 A 19720502 - JAMES CHARLES FITZHUGH, et al

Cited by  
US5882136A; FR2561703A1; EP0601771A1; GB2273125B; WO9505516A1

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

DOCDB simple family (publication)  
**EP 0033261 A1 19810805; EP 0033261 B1 19840516**; AT E7525 T1 19840615; CA 1230234 A 19871215; DE 3163542 D1 19840620; FR 2474574 A1 19810731; FR 2474574 B1 19820212; US 4340925 A 19820720

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**EP 81400056 A 19810116**; AT 81400056 T 19810116; CA 368911 A 19810120; DE 3163542 T 19810116; FR 8001673 A 19800125; US 22676181 A 19810121