

Title (en)

PERMUTATION LOCK WITH A CAM DISC AND TUMBLER DISCS

Publication

EP 0045348 B1 19840411 (DE)

Application

EP 81102263 A 19810326

Priority

DE 3029735 A 19800806

Abstract (en)

[origin: US4420955A] A permutation lock wherein a locking bolt is reciprocable in a housing between extended and retracted position. The housing contains a set of coaxial tumblers rotatable by a cam having a lobe which can move the bolt to extended position through the medium of a coupling lever which is pivotally connected with the bolt. The coupling lever can be pivoted to an operative position, in which it extends into the path of movement of the lobe on the cam, only when at least one of the tumblers is moved from a predetermined position in which a notch in its peripheral surface is out of alignment with similar notches in the peripheral surfaces of the other tumblers. The bolt is movable to the retracted position by a locating lever which is pivoted to the bolt and has a pallet receivable in a recess of the lobe only when all of the notches are aligned with each other so that they can receive a finger which is provided on the locating lever and extends in parallelism with the common axis of the tumblers.

IPC 1-7

E05B 37/00

IPC 8 full level

E05B 37/00 (2006.01); **E05B 37/08** (2006.01)

CPC (source: EP US)

E05B 37/08 (2013.01 - EP US); **Y10T 70/7254** (2015.04 - EP US); **Y10T 70/7316** (2015.04 - EP US)

Cited by

EP0408953A3

Designated contracting state (EPC)

AT CH FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0045348 A1 19820210; **EP 0045348 B1 19840411**; AT E7064 T1 19840415; DE 3029735 A1 19820311; DE 3029735 C2 19890330; US 4420955 A 19831220

DOCDB simple family (application)

EP 81102263 A 19810326; AT 81102263 T 19810326; DE 3029735 A 19800806; US 28782581 A 19810728