

Title (en)
MECHANICAL LOCK

Publication
EP 0087389 B1 19850807 (DE)

Application
EP 83810062 A 19830214

Priority
CH 104882 A 19820219

Abstract (en)
[origin: US4534195A] The present invention relates to a lock having a key provided with variable key information elements which are adapted to be scanned during rotation of the key around an axis of the lock. The key preferably includes ten (10) cam plates fixedly joined together in pairs for rotation and mounted in pairs on coaxial hollow shafts. Each shaft is driven by a handwheel in an angularly variable manner. Each cam plate has five (5) different radial steps, so that each pair of cam plates correspondingly has twenty-five (25) different possible combinations of angular positions, each of which can be identified by a letter of the alphabet on the respective handwheel. The key combination is legible through a display window. The lock and its key which are of a relatively simple design, allow the key combination to be easily set and readily recalled.

IPC 1-7
E05B 19/18

IPC 8 full level
E05B 37/00 (2006.01); **E05B 19/18** (2006.01)

CPC (source: EP US)
E05B 19/18 (2013.01 - EP US); **Y10T 70/7328** (2015.04 - EP US); **Y10T 70/7373** (2015.04 - EP US); **Y10T 70/7379** (2015.04 - EP US); **Y10T 70/7893** (2015.04 - EP US)

Citation (examination)
US 4030325 A 19770621 - EHRAT KURT

Cited by
EP0547883A1

Designated contracting state (EPC)
CH DE FR GB LI SE

DOCDB simple family (publication)
EP 0087389 A1 19830831; EP 0087389 B1 19850807; DE 3360494 D1 19850912; JP S58153872 A 19830913; US 4534195 A 19850813

DOCDB simple family (application)
EP 83810062 A 19830214; DE 3360494 T 19830214; JP 2389283 A 19830217; US 46494083 A 19830208