

Title (en)
Mechanical digital lock.

Title (de)
Mechanisches digitales Schloss.

Title (fr)
Serrure numérique mécanique.

Publication
EP 0054591 A1 19820630 (EN)

Application
EP 80304715 A 19801223

Priority
EP 80304715 A 19801223

Abstract (en)
Mechanical digital lock operable through a series of mechanical operations actuated by the depression of digital keys (3), which comprises a combination of essential mechanisms M including the plurality of keys (3), digital selectors, identifiers, locking means and automatic resets. Activation of the correct keys operates a release mechanism which allows rotation of a rod (9) to retract a bolt (7). The lock cannot be opened unless the predetermined digits are sequentially depressed. Once the lock is opened, it is automatically reset. A change of combination of digitals can easily be manually effected without any tool. With its novel structure, it is highly reliable.

IPC 1-7
E05B 37/16

IPC 8 full level
E05B 37/16 (2006.01)

CPC (source: EP)
E05B 37/16 (2013.01)

Citation (search report)
• DE 2746123 A1 19780608 - NAKAMURA KATORI
• US 1456957 A 19230529 - WILSON JAMES O

Cited by
CN112537557A; CN107605250A

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

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