

Title (en)
Locking cylinder.

Title (de)
Schliesszylinder.

Title (fr)
Cylindre de fermeture.

Publication
EP 0424356 B1 19950322 (DE)

Application
EP 90890279 A 19901011

Priority
AT 241789 A 19891020

Abstract (en)
[origin: EP0424356A1] A lock cylinder (1) carries a bore (4) passing through the cylinder housing (5), the cylinder core (6) and the key channel (3). A radiation source (9) and a sensor (10) are provided in a rose (8) or in another component surrounding the lock cylinder (1). Electronic signals of different amplitudes are generated by bores (13 to 20) of differing size which are located in the key bit of a flat key (12) and which fade out the beam path in the bore (4) of the lock cylinder. These signals are divided in a receiver (11) into a clock track (21) and a code track (22) by means of two threshold values. The code resulting from this is compared in a comparator circuit (23) with at least one desired code of one or more code stores (26, 27, 31, 32, 33, 34). When the codes correspond, the release of an electromechanical blocking mechanism (25) additionally provided takes place. One code store (26) contains a cyclically activatable sequence of codes (C1, C2, C3), a further store (27) is freely programmable (Cn) after the insertion of a programming key into the lock, and a third store (31 to 34) allows individual direct access to the storage locations (C10, C20, C30, ... Ci) by means of a programming unit (35). <IMAGE>

IPC 1-7
E05B 49/02

IPC 8 full level
E05B 49/00 (2006.01); **E05B 49/02** (2006.01)

CPC (source: EP)
E05B 49/006 (2013.01)

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US5677682A; CN102003119A; US7140214B2

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EP 0424356 A1 19910424; EP 0424356 B1 19950322; AT 391909 B 19901227; AT A241789 A 19900615; AT E120253 T1 19950415; DE 59008752 D1 19950427

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