Title (en)

Cylinder lock

Title (de)

Schliesszylinder

Title (fr)

Serrure à cylindre

Publication

EP 0771920 B1 20010321 (DE)

Application

EP 96116610 A 19961016

Priority

DE 19541325 A 19951106

Abstract (en)

[origin: EP0771920A1] The lock cylinder (10) has a cylinder housing (12) with a bore (14) which accommodates a rotating core (18), and which has at least one bearing surface (16). A group of tumblers (20,22,24,26,28) prevents the core from rotating about its axis (A) in a locked position, and can be freed by a control element, which is especially a key. Each tumbler has a core pin (30,32) in a hole (34,36) in the core, and a housing pin (38,40) in a hole (42,44) in the housing, and the latter pin is spring- loaded towards the former. One end of each core pin is engaged by the key, and in the locked position, this end of one core pin is offset from the others, while all of the core pins have their opposite ends inside their core pin holes.

IPC 1-7

E05B 27/00

IPC 8 full level

E05B 27/00 (2006.01); **E05B 27/04** (2006.01)

CPC (source: EP)

E05B 27/0057 (2013.01)

Cited by

EP2075394A1; DE102007000177A1; AU2008100399B4; EP2085542A1; EP1418294A3; EP2108767A3; EP1997981A3; EP1418294A2; EP1712715A1; ES2273566A1; EP1707711A3; WO2007134413A1; EP1997981A2

Designated contracting state (EPC)

AT DE ES GB IT NL

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EP 0771920 A1 19970507; **EP 0771920 B1 20010321**; AT E199957 T1 20010415; DE 19541325 A1 19970507; DE 59606622 D1 20010426; PL 181906 B1 20011031; PL 316827 A1 19970512

DOCDB simple family (application)

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