

Title (en)
Lockcylinder

Title (de)
Schliesszylinder

Title (fr)
Cerrure cylindrique

Publication
EP 1197618 A3 20020724 (DE)

Application
EP 01121877 A 20010912

Priority
DE 10050427 A 20001012

Abstract (en)
[origin: EP1197618A2] Lock cylinder comprises a cylinder core (2) having a key channel (3) and core bores (13) running perpendicular to the key channel in which core pins (5) are inserted. The core pins are forced through the key channel into openings (12) opposite the core bores with their rounded or pointed ends (8) by a spring (7). A supplementary tumbler (9) is inserted into at least one opening and held in its locked position by the core pin. An Independent claim is also included for a turning flat key for the lock cylinder. Preferred Features: The opening continues into a core edge recess (11) lying opposite a lock recess (10) of the lock cylinder housing (1).

IPC 1-7
E05B 19/00; **E05B 27/00**

IPC 8 full level
E05B 19/00 (2006.01); **E05B 19/06** (2006.01); **E05B 27/00** (2006.01); **E05B 27/10** (2006.01)

CPC (source: EP)
E05B 19/0017 (2013.01); **E05B 27/0042** (2013.01); **E05B 19/0058** (2013.01); **E05B 27/0082** (2013.01)

Citation (search report)
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• [YA] US 4660396 A 19870428 - GARRO JOSE I P [ES]
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BE1016777A5; FR2842236A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1197618 A2 20020417; **EP 1197618 A3 20020724**; **EP 1197618 B1 20030820**; AT E247756 T1 20030915; DE 10050427 A1 20020418; DE 50100514 D1 20030925

DOCDB simple family (application)
EP 01121877 A 20010912; AT 01121877 T 20010912; DE 10050427 A 20001012; DE 50100514 T 20010912