

Title (en)
Locking cylinder

Title (de)
Schließzylinder

Title (fr)
Cylindre de serrage

Publication
EP 1997981 A3 20091230 (DE)

Application
EP 08151930 A 20080226

Priority
DE 102007000177 A 20070327

Abstract (en)
[origin: EP1997981A2] The cylinder has pin tumblers (5, 5') comprising holes (11, 11') that are arranged at a core and comprising respective blocks (13, 13') for supporting core pins (9, 9'). The core pins have sections, which are projected above the block in a direction of a locking channel (6). The core pins include sections that are projected above shoulders (14, 14') of the pins and extending into the locking channel in a different manner. Dimensions of the sections vary on both sides of shoulders with the sections.

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

CPC (source: EP)
E05B 19/0017 (2013.01); **E05B 27/0017** (2013.01); **E05B 27/0057** (2013.01)

Citation (search report)

- [XY] US 5247818 A 19930928 - LO JIAN P [TW]
- [XY] DE 10027491 A1 20010222 - WILKA SCHLIESTECHNIK GMBH [DE]
- [DA] EP 1418294 A2 20040512 - KABA GMBH [AT]
- [DA] EP 1707711 A2 20061004 - TALLERES ESCORIAZA SA [ES]
- [DA] EP 0771920 B1 20010321 - WINKHAUS FA AUGUST [DE]

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EP2031161A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 102007000177 A1 20081002; EP 1997981 A2 20081203; EP 1997981 A3 20091230

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DE 102007000177 A 20070327; EP 08151930 A 20080226