

Title (en)

Cylinder lock with pin tumblers and key for a lock cylinder with pin tumblers

Title (de)

Schliesszylinder mit Stiftzuhaltungen sowie Schlüssel für einen Schliesszylinder mit Stiftzuhaltungen

Title (fr)

Serrure cylindrique à goupilles et une clé pour une serrure à goupilles

Publication

EP 0756052 B1 19981125 (DE)

Application

EP 96107313 A 19960509

Priority

DE 19527200 A 19950726

Abstract (en)

[origin: EP0756052A1] The closing cylinder has pairs of locking pins (6) and counter pins (7). The opposing locking pins of the first pair and second pair interengage positively with their outer ends in the locked state so that a tool inserted in the key channel of the cylinder and whose front end is on the centre plane in the inserted state strikes against one of the locking pins without the locking pins being able to press apart so that no direct access is provided through the key channel in the insert direction. There are preferably several pairs of locking pins and counter pins. Each pair is spring loaded by a tumbler spring (11) and the tumbler springs opposing one another and/or behind one another have different spring characteristics.

IPC 1-7

E05B 17/16; **E05B 27/00**; **E05B 19/00**

IPC 8 full level

E05B 17/16 (2006.01); **E05B 19/00** (2006.01); **E05B 27/00** (2006.01); **E05B 27/06** (2006.01)

CPC (source: EP)

E05B 17/16 (2013.01); **E05B 19/0017** (2013.01); **E05B 27/0017** (2013.01)

Cited by

ITTO20120467A1; EP0892130A3; EP1057953A3; EP2492421A1

Designated contracting state (EPC)

AT CH DE FR LI NL

DOCDB simple family (publication)

EP 0756052 A1 19970129; **EP 0756052 B1 19981125**; AT E173790 T1 19981215; DE 19527200 A1 19970130; DE 59600859 D1 19990107

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