

Title (en)
Cylinder lock

Title (de)
Schliesszylinder

Title (fr)
Serrure cylindrique

Publication
EP 1464778 B1 20090218 (DE)

Application
EP 04090126 A 20040401

Priority
DE 10316742 A 20030404

Abstract (en)
[origin: EP1464778A2] A lock has a cylinder (1) with a cylinder core (2) that incorporates tumbler holes (3) for the housing and core pins. The core pins are of different shape and diameter. One of the tumbler holes has a housing pin of diameter a. One of the other tumbler holes has a housing pin with a head of diameter b, and a shaft of diameter c. The largest diameter is directed towards the core hole, and c is less than a, and a is less than b.

IPC 8 full level
E05B 27/04 (2006.01); **E05B 27/00** (2006.01)

CPC (source: EP)
E05B 27/0017 (2013.01); **E05B 27/006** (2013.01)

Cited by
US2014150506A1; US9181728B2; DE102004011637B4; WO2006066549A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR MK

DOCDB simple family (publication)
EP 1464778 A2 20041006; EP 1464778 A3 20051130; EP 1464778 B1 20090218; AT E423252 T1 20090315; DE 10316742 A1 20041028; DE 502004008994 D1 20090402; DK 1464778 T3 20090414; ES 2320218 T3 20090520; PL 1464778 T3 20090731; PT 1464778 E 20090409; SI 1464778 T1 20090630

DOCDB simple family (application)
EP 04090126 A 20040401; AT 04090126 T 20040401; DE 10316742 A 20030404; DE 502004008994 T 20040401; DK 04090126 T 20040401; ES 04090126 T 20040401; PL 04090126 T 20040401; PT 04090126 T 20040401; SI 200431069 T 20040401