

Title (en)
Cylinder lock

Title (de)
Zylinderschloss

Title (fr)
Serrure cylindrique

Publication
EP 2607577 A3 20170412 (DE)

Application
EP 12006820 A 20121001

Priority
DE 102011056724 A 20111221

Abstract (en)
[origin: EP2607577A2] The cylinder lock (1) has a cylinder housing (2) having a cylinder bore (3), in which a cylinder (4) is rotatably received. The cylinder has a key hole for receiving a key bit (18) of a key (17). The cylinder has multiple lower channels, in which lower pins (7) are movably arranged. The cylinder housing has multiple upper channels with movably arranged upper pins (20). The cylinder housing comprises a contact surface and a closure element (9) of another contact surface to attain engagement with the former contact surface. The interlocked surface serves as support for a spring element (8).

IPC 8 full level
E05B 9/04 (2006.01); **E05B 27/00** (2006.01)

CPC (source: EP)
E05B 27/0014 (2013.01); **E05B 27/005** (2013.01)

Citation (search report)

- [XA] DE 10305692 A1 20040826 - WINKHAUS FA AUGUST [DE]
- [XA] US 2837908 A 19580610 - SAMUEL SEGAL
- [XA] US 4663839 A 19870512 - FOSHEE WILLIAM R [US]
- [XAI] DE 9205835 U1 19920730
- [XA] DE 102004006011 A1 20050908 - PATH LINE NG S HOLDINGS LTD [HK]

Cited by
CN103938935A; GB2608867A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2607577 A2 20130626; EP 2607577 A3 20170412; CN 103174330 A 20130626; CN 103174330 B 20160420;
DE 102011056724 A1 20130627; TW 201341638 A 20131016

DOCDB simple family (application)
EP 12006820 A 20121001; CN 201210563236 A 20121221; DE 102011056724 A 20111221; TW 101138209 A 20121017