

Title (en)
Cylinder lock.

Title (de)
Zylinderschloss.

Title (fr)
Serrure cylindrique.

Publication
EP 0488787 B1 19941005 (EN)

Application
EP 91311119 A 19911129

Priority
JP 33027390 A 19901130

Abstract (en)
[origin: EP0488787A1] A cylinder lock (10) is disclosed having significant resistance to damage or tampering. The cylinder lock comprises a cam (15) provided on the key cylinder (14); and a pair of pins (16) disposed radially slidably in openings (12b) provided in the sleeve (12) rotatably disposed within a casing (11). The pins are moved within the openings of the sleeve by the cam on the key cylinder which is rotatably positioned within the sleeve when the key cylinder is turned by a proper key independently of the sleeve to a predetermined angle, as tumblers provided within the key cylinder are disengaged from the sleeve. Then, the pin comes into engagement with and is rotated with the connector together to unlock the lock device. <IMAGE>

IPC 1-7
E05B 17/04

IPC 8 full level
E05B 29/02 (2006.01); **E05B 17/04** (2006.01)

CPC (source: EP)
E05B 17/04 (2013.01)

Cited by
DE9205835U1; ES2168905A1; EP0650874A4; FR2766512A1; EP0659962A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0488787 A1 19920603; EP 0488787 B1 19941005; CA 2056461 A1 19920531; CA 2056461 C 19970429; DE 488787 T1 19921105; DE 69104465 D1 19941110; DE 69104465 T2 19950302; JP 3017276 B2 20000306; JP H04203084 A 19920723

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EP 91311119 A 19911129; CA 2056461 A 19911128; DE 69104465 T 19911129; DE 91311119 T 19911129; JP 33027390 A 19901130