

Publication

EP 0138124 A3 19850619

Application

EP 84111603 A 19840928

Priority

FR 8316211 A 19831012

Abstract (en)

[origin: EP0138124A2] 1. Cylinder lock with a cylinder core (1) rotatable in a cylinder housing (3) and having a profiled longitudinal key channel to accommodate a key and transversely disposed guide channels (4) which are connected to the key channel, open on both sides of the peripheral surface of the cylinder core and accommodate spring loaded pin levers (5) which have a straight prismatic shape of regular cross-section and the length of which corresponds to the length of the guide channel in which they slide, the key having cut into it shapes of different heights in which, when the key is fully inserted into the key channel, a projection on the pin lever can rest, characterised in that each long side of the pin lever (5) has a projection (8) of longitudinal height (H) which differs from the height of another side, the guide channels (4) of the cylinder core (1) have a polygonal cross-section, only one projection (8) at every rotary position around its axis of the pin lever (5) connecting with the key incisions (10, 11), the guide channels (4) comprising a widening-out (4') for the projections on the pin levers (5) and the projections (8) being formed by an encircling over-thickness or collars (6) of larger diameter.

IPC 1-7

E05B 29/00; **E05B 17/00**

IPC 8 full level

E05B 17/00 (2006.01); **E05B 29/00** (2006.01)

CPC (source: EP)

E05B 17/0004 (2013.01); **E05B 29/00** (2013.01)

Citation (search report)

- [A] EP 0069887 A2 19830119 - NEIMAN SA [FR]
- [A] US 4069693 A 19780124 - SPALDING GEORGE T
- [A] FR 593005 A 19250814
- [A] US 3226811 A 19660104 - ROLAND MAX G

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0138124 A2 19850424; **EP 0138124 A3 19850619**; **EP 0138124 B1 19870715**; DE 3464779 D1 19870820; FR 2553458 A1 19850419; FR 2553458 B1 19860124

DOCDB simple family (application)

EP 84111603 A 19840928; DE 3464779 T 19840928; FR 8316211 A 19831012