

Title (en)
CYLINDER LOCK AND FLAT KEY THEREFOR

Publication
EP 0159494 B1 19880608 (DE)

Application
EP 85102319 A 19850301

Priority
DE 3410462 A 19840322

Abstract (en)
[origin: EP0159494A1] 1. Cylinder lock with a core (3) rotatably mounted in the housing (1) in particular of a profiled cylinder, having a profiled key channel (5) for receiving a correspondingly profiled flat key (6) and several radially displaceable core pins (4) actuatable from incisions (6'') present at the front, which cooperate with correspondingly positioned spring-loaded housing pins (2) and with an axis-parallel blocking strip (12) mounted in a radially displaceable manner in the core (3) and engaging in an internal circumferential recess (15) in the housing, which is blocked by control elements (8) moving against the action of a spring in a plane running transversely of the cylinder axis, which project laterally into the key channel (5) and can be entered by the flat key (6), or is released for its radial entry movement into the core, characterized in that the control elements are formed as two-armed control levers (8) rockably mounted on a common pivot pin (10) running parallel to the key channel (5), the ends of which (8**IV) facing away from the key channel (5) cooperate with the blocking strip (12), where at least one of the control levers (8) is formed as the blocking strip (12) of counter-control levers (8a) exerting a blocking or releasing action in the opposite direction.

IPC 1-7
E05B 29/00

IPC 8 full level
E05B 29/00 (2006.01); **E05B 31/00** (2006.01)

CPC (source: EP)
E05B 31/00 (2013.01)

Citation (examination)
• DE 3014183 A1 19810604 - EVVA WERKE [AT]
• DE 2003059 A1 19710729 - WINKHAUS FA AUGUST

Cited by
EP4379173A1; DE3609473A1; AT405550B; EP2309083A3; EP0557606A1; DE102012013423B4; WO9309317A1; DE102022212579A1

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