Title (en)
Cylinder lock with a blocking device

Title (de)
Schliesszylinder mit einem Sperrmechanismus

Title (fr)
Serrure cylindrique avec dispositif de blocage

Publication
EP 1380714 B1 20100210 (DE)

Application
EP 03011871 A 20030527

Priority
DE 10230953 A 20020710

Abstract (en)
[origin: EP1380714A2] Blocking mechanism for selectively blocking or releasing a core (2) movably arranged in a housing (1) comprises a locking bolt (13) guided in the movement region of the core, a locking spring (12) for pre-tensioning the locking bolt in the direction blocking the core, an actuator (11) for holding the locking bolt, and an electronic control device for controlling the actuator. The actuator is formed at least partly as a piezo bending element or a magnetostrictive element. king the movement of the core. The actuator is fixed in the housing with its end facing away from the locking bolt. The actuator is designed for holding the locking bolt by clamping in the position releasing the core and for releasing the movement of the locking bolt in the position bloc

IPC 8 full level
E05B 47/06 (2006.01); **E05B 9/04** (2006.01); **G05G 5/00** (2006.01); **G05G 5/28** (2006.01); E05B 15/04 (2006.01); E05B 47/00 (2006.01); E05B 63/00 (2006.01)

CPC (source: EP)
E05B 47/063 (2013.01); E05B 47/0011 (2013.01); E05B 63/0056 (2013.01); E05B 2015/0431 (2013.01); E05B 2047/0065 (2013.01)

Cited by
DE102007000381A1; DE102009028599A1; DE102006024063B4; CN107178253A; DE102004055979A1; DE102004055979B4; CZ306921B6; US2023058299A1; DE102006007690A1; DE102006007690B4; EP3176094A1; DE102006007691B3; EP1904703A4; US11021262B2; EP4112852A1; ES2931527A1; EP2017410A2; EP2287424A2; EP2441906A2; DE102010042486A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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