

Title (en)
Locking cylinder

Title (de)
Schließzylinder

Title (fr)
Cylindre de serrage

Publication
EP 2505748 B1 20190508 (DE)

Application
EP 12002216 A 20120328

Priority
DE 102011015314 A 20110329

Abstract (en)
[origin: EP2505748A2] The lock cylinder has locking pin for blocking cylinder core against rotational movement in radially outer blocking position and for releasing cylinder core for rotational movement in radially inner release position. The pin is displaced into release position when all tumbler discs (16) are in their unlatch position. Several intermediate plates (136) are arranged along cylinder axis in core. A respective intermediate plate is arranged between two mutually adjacent tumbler discs, where intermediate plates have predefined backlash (S) relative to core.

IPC 8 full level
E05B 15/14 (2006.01); **E05B 21/06** (2006.01)

CPC (source: EP US)
E05B 15/14 (2013.01 - EP US); **E05B 21/066** (2013.01 - EP US); **Y10T 70/7633** (2015.04 - EP US); **Y10T 70/7695** (2015.04 - EP US); **Y10T 70/7881** (2015.04 - EP US); **Y10T 70/7932** (2015.04 - EP US)

Citation (examination)
JP 2003253929 A 20030910 - MIWA LOCK KK

Designated contracting state (EPC)
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