

Title (en)
LOCK CYLINDER WITH ASSOCIATED KEY

Title (de)
SCHLIESSZYLINDER MIT ZUGEHÖRIGEM SCHLÜSSEL

Title (fr)
CYLINDRE DE FERMETURE DOTÉ D'UNE CLÉ CORRESPONDANTE

Publication
EP 3409865 B1 20220831 (DE)

Application
EP 18186056 A 20130708

Priority
• DE 102012106326 A 20120713
• EP 13175498 A 20130708

Abstract (en)
[origin: EP2685030A2] The lock cylinder has a cylinder core (2) that comprises a key channel (4) for insertion of a flat key (30), and is rotatably mounted in the housing cavity (3). A bearing bore (13) is extended parallel to a core pin bore and transversely to the displacement direction of a locking bar (9). A locking pin (14) has a drive slope (17) on which a portion is engaged to the bore of a control pin (20), such that the depth of a recess of the key is viewed. The control pin has a control bevel (21) that is formed of conical or truncated cone surface for receiving the key.

IPC 8 full level
E05B 27/00 (2006.01); **E05B 19/00** (2006.01); **E05B 27/04** (2006.01); **E05B 27/08** (2006.01)

CPC (source: EP)
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E05F 3/22 (2013.01); **E05F 2015/631** (2015.01)

Citation (examination)
• EP 0607993 A1 19940727 - WINKHAUS FA AUGUST [DE]
• DE 20311690 U1 20031218 - BKS GMBH [DE]

Cited by
CN111593954A

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