

Title (en)
Lock cylinder with associated key

Title (de)
Schließzylinder mit zugehörigem Schlüssel

Title (fr)
Cylindre de fermeture avec une clé correspondante

Publication
EP 2685030 B1 20200122 (DE)

Application
EP 13175498 A 20130708

Priority
DE 102012106326 A 20120713

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
E05F 3/22 (2006.01)

CPC (source: EP)
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Citation (examination)
DE 19939734 A1 20010517 - WILKA SCHLIESTECHNIK GMBH [DE]

Cited by
CN105735753A; CN105927040A; EP4269728A1

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