

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)  
**E05B 19/0064** (2013.01); **E05B 27/0017** (2013.01); **E05B 27/0035** (2013.01); **E05B 27/0078** (2013.01); **E05B 27/0082** (2013.01); **E05F 3/22** (2013.01); **E05F 2015/631** (2015.01)

Citation (examination)  
DE 19939734 A1 20010517 - WILKA SCHLIESTECHNIK GMBH [DE]

Cited by  
CN105735753A; CN105927040A; EP4269728A1

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DOCDB simple family (publication)  
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