

Title (en)
Key for cylinderlocks

Title (de)
Schlüssel für Zylinderschlösser

Title (fr)
Clé pour serrures à barillet

Publication
EP 1350909 B1 20040728 (DE)

Application
EP 03006533 A 20030324

Priority
AT 5042002 A 20020329

Abstract (en)
[origin: EP1350909A1] Key for a cylinder lock has a key shaft (3) with at least three control grooves (4-6) running primarily along the shaft insertion direction so that they also intersect in a number of points. One of the grooves (6) is deeper than the remaining three. The key shaft is essentially cylindrical and the grooves are cut into it. The invention also relates to a corresponding cylinder lock.

IPC 1-7
E05B 19/00; **E05B 27/00**

IPC 8 full level
E05B 19/08 (2006.01); **E05B 19/00** (2006.01); **E05B 19/02** (2006.01); **E05B 19/06** (2006.01); **E05B 27/00** (2006.01); **E05B 29/00** (2006.01); **E05B 29/04** (2006.01); **E05B 29/10** (2006.01)

CPC (source: EP US)
E05B 19/0017 (2013.01 - EP US); **E05B 29/00** (2013.01 - EP US); **E05B 29/0013** (2013.01 - EP US); **E05B 29/0066** (2013.01 - EP US); **Y10T 70/7633** (2015.04 - EP US); **Y10T 70/7847** (2015.04 - EP US); **Y10T 70/7881** (2015.04 - EP US)

Cited by
WO2018024949A1; EP3584393A1; FR3023763A1; FR3032218A1; CN104033018A; RU2487224C2; EP3533954A4; US10876322B2; WO2013030077A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1350909 A1 20031008; **EP 1350909 B1 20040728**; AT 411779 B 20040525; AT A5042002 A 20031015; AT E272154 T1 20040815; DE 50300038 D1 20040902; DK 1350909 T3 20041129; ES 2225805 T3 20050316; JP 2003286778 A 20031010; JP 3764728 B2 20060412; NO 20031164 D0 20030313; NO 20031164 L 20030930; PT 1350909 E 20041029; SI 1350909 T1 20050228; TR 200401954 T4 20040921; TW 200307081 A 20031201; TW I226404 B 20050111; US 6758074 B1 20040706

DOCDB simple family (application)
EP 03006533 A 20030324; AT 03006533 T 20030324; AT 5042002 A 20020329; DE 50300038 T 20030324; DK 03006533 T 20030324; ES 03006533 T 20030324; JP 2003077932 A 20030320; NO 20031164 A 20030313; PT 03006533 T 20030324; SI 200330003 T 20030324; TR 200401954 T 20030324; TW 92106915 A 20030327; US 40401903 A 20030331