

Title (en)  
Flat key for cylinder lock

Title (de)  
Flachschlüssel für ein Zylinderschloss

Title (fr)  
Clef platte pour serrure cylindrique

Publication  
**EP 0812971 A2 19971217 (DE)**

Application  
**EP 97107497 A 19970507**

Priority  
AT 104196 A 19960613

Abstract (en)  
Two or more permanent magnet pellets (4) are mounted in the shank (2) of the key, and a lengthwise profiled groove is formed in the front and/or rear of the key. One at least of the grooves forms a control groove (7), and is widened and deepened (9) between adjacent pellets. The groove cross-section can be a scalene right-angled triangular, whose hypotenuse is formed by the flat side of the key. The longer of the other two sides forms a groove flank sloping from the flat side to the groove bottom, which forms the shorter side. On the opposite side of the key there can be a further lengthwise groove, whose bottom is parallel to the flank of the first groove (7).

Abstract (de)  
Flachschlüssel (1) für Zylinderschloß, wobei der Schlüssel (1) im Schlüsselschaft (2) wenigstens zwei Permanentmagnetpillen (4) aufweist und entlang der Schlüsselbrust (6) und/oder entlang des Schlüsselsrückens (5) wenigstens je eine Längsprofilnut (7,8) vorgesehen ist, dadurch gekennzeichnet, daß wenigstens eine der Längsprofilnuten (7,8) als Steuerlängsnut (7) im Bereich zwischen wenigstens zwei der Permanentmagnetpillen (4) erweitert und vertieft ist (Erweiterung 9). <IMAGE>

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

IPC 8 full level  
**E05B 19/00** (2006.01); **E05B 29/00** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)  
**E05B 19/0017** (2013.01); **E05B 47/0045** (2013.01)

Cited by  
GB2382102A; GB2382102B; EP1503010A1; EP1350909A1; EP1867810A1; EA014634B1; WO2008070801A3; WO2007144093A1; EP2492421B1

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