

Title (en)

Cylinder lock with flat key provided with a seat for a movable element

Title (de)

Zylinderschloss und Flachschlüssel mit einer Aufnahmen für ein bewegliches Teil

Title (fr)

Serrure cylindrique avec clef plate pourvue de logement pour un élément mobile

Publication

**EP 0902139 A1 19990317 (EN)**

Application

**EP 98115985 A 19980825**

Priority

IT BO970546 A 19970909

Abstract (en)

A cylinder lock with flat key (7) insertable in a plug which is supported so that it can rotate within a cylinder (2) and can be locked by means of tumbler pin assembly (12a) which, by inserting the key in the plug, is actuated into the position for rotating the plug, the key (7) having at least one movable element (30) which can move within a respective seat (31) which lies within the plane of the key and, in the key insertion position, cooperates with auxiliary tumbler pin assemblies (19,27); these are adapted to position the movable element so that the plug can rotate inside the cylinder; characterized in that in the key, at the seat, at least one hole (38) is provided through which a respective additional auxiliary tumbler pin assembly can engage a respective notch (37) of the movable element in order to assume a position which allows the rotation of the plug. <IMAGE>

IPC 1-7

**E05B 35/00**; **E05B 27/00**

IPC 8 full level

**E05B 27/00** (2006.01); **E05B 35/00** (2006.01)

CPC (source: EP)

**E05B 27/0042** (2013.01); **E05B 35/003** (2013.01)

Citation (search report)

- [A] EP 0359885 A1 19900328 - VACHETTE SA [FR]
- [A] CH 680935 A5 19921215 - KELLER ERNST
- [A] EP 0663499 A1 19950719 - LAPERCHE SA [FR]
- [A] EP 0472495 A1 19920226 - KELLER ERNST [CH]

Cited by

EP1728944A3

Designated contracting state (EPC)

DE ES FR GB GR NL

DOCDB simple family (publication)

**EP 0902139 A1 19990317**; IT 1294198 B1 19990322; IT BO970546 A0 19970909; IT BO970546 A1 19990309

DOCDB simple family (application)

**EP 98115985 A 19980825**; IT BO970546 A 19970909