

Title (en)

Locking device consisting of a locking cylinder and associated flat key.

Title (de)

Aus Schliesszylinder und assoziiertem flachen Schlüssel bestehende Verschlusseinrichtung.

Title (fr)

Dispositif de fermeture consistant en un cylindre de serrage et une clé plate associée.

Publication

**EP 0237172 A2 19870916 (EN)**

Application

**EP 87300939 A 19870203**

Priority

DE 3603687 A 19860206

Abstract (en)

For operating one or more additional tumblers (17) which (or each of which) extends parallel to the keyway (8) of a lock cylinder (1), the or each such tumbler (17) has a projection (N) which projects into the keyway (8) through the side wall thereof. The key (6) has a recess (E) formed at the end of its blade (7) for receiving the or each projection (N) when the key (6) is inserted in the keyway (8), the shape of the recess (E) operating the or each additional tumbler (17) to bring its ends within the joint line (F) of the cylinder plug (5) and housing (2). Three profile variations of the recess (E) are proposed.

IPC 1-7

**E05B 27/00**

IPC 8 full level

**E05B 27/00** (2006.01); **E05B 27/10** (2006.01)

CPC (source: EP KR)

**E05B 27/00** (2013.01 - KR); **E05B 27/0042** (2013.01 - EP); **E05B 27/0078** (2013.01 - EP); **E05B 27/10** (2021.08 - EP)

Cited by

US8230708B2; US5079936A; EP0784138A1; GB2266918B; US9435138B2; CN106460405A; US8281628B2; AT541U1; EP4269728A1; GB2230555A; GB2230555B; EP1528195A3; US9127480B2; US9074390B2; US8186194B2; GB2433959A; CN100402786C; US5797287A; AU2018271334B2; WO2011053317A1; US10024079B2; US10745937B2; US11702862B2; WO2010096008A1; WO03014498A1; WO2010096007A1; WO2010121332A1

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