

Title (en)

LOCKING DEVICE CONSISTING OF A LOCKING CYLINDER AND ASSOCIATED FLAT KEY

Publication

**EP 0237172 B1 19890726 (EN)**

Application

**EP 87300939 A 19870203**

Priority

DE 3603687 A 19860206

Abstract (en)

[origin: EP0237172A2] 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

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

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