

Title (en)

LOCKING DEVICE WITH A CYLINDER LOCK AND A FLAT KEY

Title (de)

SCHLIESSEINRICHTUNG MIT EINEM ZYLINDERSCHLOSS UND EINEM FLACHSCHLÜSSEL

Title (fr)

DISPOSITIF DE FERMETURE A SERRURE CYLINDRIQUE ET CLE PLATE

Publication

EP 0866907 B1 19990901 (DE)

Application

EP 95938339 A 19951211

Priority

CH 9500297 W 19951211

Abstract (en)

[origin: WO9721895A1] A cylinder lock comprises locking tumblers guided parallel to the broad sides of the key way. Disposed on the broad sides (13, 14) of the flat key (2) are guide grooves (15, 16) which cooperate with cams on the locking tumblers. The grooves (15, 16) on the key (2) comprise a plurality of functional regions, the width of a partial region (51) of the groove being broadened. The tumblers, of which the cams engage in these broadened groove regions (51), are equipped with additional positioning elements. This arrangement prevents unauthorized opening of the lock according to the invention with a key (2) of which the guide grooves (15, 16) have been copied.

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E05B 29/00

IPC 8 full level

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DOCDB simple family (publication)

WO 9721895 A1 19970619; CZ 178898 A3 19981111; CZ 295348 B6 20050713; DE 59506748 D1 19991007; DK 0866907 T3 19991213; EP 0866907 A1 19980930; EP 0866907 B1 19990901; GR 3031859 T3 20000229; HU 220985 B1 20020729; HU T78112 A 19991129; JP 2000501803 A 20000215; JP 3785466 B2 20060614; US 6041631 A 20000328

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