

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 VERROUILLAGE AVEC SERRURE A POMPE ET CLEF PLATE

Publication

EP 0866906 A1 19980930 (DE)

Application

EP 95938338 A 19951211

Priority

CH 9500296 W 19951211

Abstract (en)

[origin: WO9721894A1] Disposed on a cylinder lock (1) are tumblers (10) running parallel to the broad side (8, 9) of the key way (6). The ends of these tumblers (10) lock between the rotor (3) and the stator (4). Additional coding devices are disposed on the rear (17) of the tumblers (10) remote from the key way (6). These coding devices cooperate with additional two-part locking elements (20) which can be displaced at right-angles to the lock axis and additionally lock in the region of the shear line (32) between the rotor (3) and stator (4). In this way, additional locking combinations are made possible and the lock is made more secure against unauthorized opening.

IPC 1-7

E05B 29/00; **E05B 27/00**

IPC 8 full level

E05B 27/00 (2006.01); **E05B 27/10** (2006.01); **E05B 29/00** (2006.01); **E05B 29/06** (2006.01); **E05B 29/10** (2006.01); **E05B 31/00** (2006.01)

IPC 8 main group level

E05B (2006.01)

CPC (source: EP US)

E05B 27/0035 (2013.01 - EP US); **E05B 29/00** (2013.01 - EP US); **E05B 31/00** (2013.01 - EP US); **Y10T 70/7599** (2015.04 - EP US); **Y10T 70/7605** (2015.04 - EP US); **Y10T 70/7616** (2015.04 - EP US)

Citation (search report)

See references of WO 9721894A1

Cited by

CN102322181A; DE102017120639A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9721894 A1 19970619; AT E179482 T1 19990515; CZ 178798 A3 19981111; CZ 295347 B6 20050713; DE 59505802 D1 19990602; DK 0866906 T3 19990809; EP 0866906 A1 19980930; EP 0866906 B1 19990428; ES 2132737 T3 19990816; FI 109819 B 20021015; FI 981320 A0 19951211; FI 981320 A 19980610; GR 3030809 T3 19991130; HU 220980 B1 20020729; HU 78119 A 19991228; JP 2000501802 A 20000215; JP 3785465 B2 20060614; NO 329494 B1 20101101; NO 982694 D0 19980611; NO 982694 L 19980611; PL 179490 B1 20000929; PL 327285 A1 19981207; US 5956986 A 19990928

DOCDB simple family (application)

CH 9500296 W 19951211; AT 95938338 T 19951211; CZ 178798 A 19951211; DE 59505802 T 19951211; DK 95938338 T 19951211; EP 95938338 A 19951211; ES 95938338 T 19951211; FI 981320 A 19980610; GR 990401897 T 19990720; HU 9902504 A 19951211; JP 52157497 A 19951211; NO 982694 A 19980611; PL 32728595 A 19951211; US 9105998 A 19980609