

Title (en)

Lock cylinder, locking installation, key and method of producing a combination of a lock cylinder and its corresponding key

Title (de)

Schliesszylinder, Schliessanlage, Schlüssel und Verfahren zur Herstellung einer Schliesszylinder-Schlüssel-Kombination

Title (fr)

Cylindre de fermeture, ensemble de fermeture, clef et procédé pour la fabrication d'une combinaison d'un cylindre de fermeture et de sa clé correspondante

Publication

EP 0569997 B1 19960925 (DE)

Application

EP 93107847 A 19930513

Priority

DE 4215856 A 19920514

Abstract (en)

[origin: EP0569997A2] In a lock cylinder with a springless tumbler pin 30, which on the one hand is controlled by a depression 32f in the key and on the other hand can engage into a recess 12b of the inner circumferential face 12a of the lock-cylinder housing 10, an axial-sliding element 20 is provided essentially parallel to the direction of insertion of the key 32 and can be taken up by a take-up face 32i of the key; a displacement of the tumbler pin 30, with the key 32 inserted, is possible only when, as a result of an appropriate position of the take-up face 32i in the longitudinal direction of the key 32, a predetermined position of the axial-sliding element 20 is brought about by the inserted key 32. <IMAGE>

IPC 1-7

E05B 27/00

IPC 8 full level

E05B 27/04 (2006.01); **E05B 27/00** (2006.01); **E05B 27/06** (2006.01); **E05B 27/08** (2006.01)

CPC (source: EP)

E05B 27/00 (2013.01); **E05B 27/0042** (2013.01); **E05B 27/08** (2013.01)

Cited by

DE102005058549B4; DE19939734B4; DE19919568A1; DE102005058549A1; EP1939377A1; US8915107B2; EP2770139A3; WO2014198253A1; WO2008071389A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0569997 A2 19931118; **EP 0569997 A3 19940601**; **EP 0569997 B1 19960925**; AT E143449 T1 19961015; CZ 289608 B6 20020313; CZ 87093 A3 19931117; DE 4215856 C1 19931118; DE 59303927 D1 19961031; FI 932168 A0 19930513; FI 932168 A 19931115; HU 9301399 D0 19930928; HU T67132 A 19950228; KR 930023569 A 19931221; KR 950009378 B1 19950821; MY 107663 A 19960530; PL 172293 B1 19970930; PL 298933 A1 19931129

DOCDB simple family (application)

EP 93107847 A 19930513; AT 93107847 T 19930513; CZ 87093 A 19930512; DE 4215856 A 19920514; DE 59303927 T 19930513; FI 932168 A 19930513; HU 9301399 A 19930513; KR 930008276 A 19930514; MY PI19930728 A 19930421; PL 29893393 A 19930513