

Title (en)
Security key for lock barrels

Title (de)
Sicherheitsschlüssel für Schliesszylinder

Title (fr)
Clé de sécurité pour barilletts de serrure

Publication
EP 2770139 A3 20151014 (EN)

Application
EP 14156352 A 20140224

Priority
ES 201330265 A 20130226

Abstract (en)
[origin: EP2770139A2] A security key for lock barrels, featuring at least one longitudinally-orientated security groove (2) whose longitudinal dimension shall be considerably less than the length of the habitual insertion grooves (3), its profile and longitudinal dimension being such that they correspond to complementary means existing within the plug (5) of the barrel (4), which shall be at least one security insertion pin (7) and another complementary means which shall be the length limit measuring pin (8) of the security groove (2).

IPC 8 full level
E05B 19/06 (2006.01); **E05B 27/00** (2006.01)

CPC (source: EP ES)
E05B 19/0023 (2013.01 - ES); **E05B 19/0035** (2013.01 - EP); **E05B 27/0042** (2013.01 - EP)

Citation (search report)

- [X] DE 20023221 U1 20030515 - BREMICKER SOEHNE KG A [DE]
- [X] EP 2314807 A2 20110427 - ABUS PFAFFENHAIN GMBH [DE]
- [X] EP 0953699 A2 19991103 - EVVA WERKE [AT]
- [X] EP 0569997 A2 19931118 - WINKHAUS FA AUGUST [DE]
- [A] FR 2522053 A1 19830826 - VACHETTE SA [FR]

Cited by
EP3872282A1; CN104372991A; CZ306122B6; EP3266962A1; DE102022127486A1; EP4321714A1; DE102022127488A1; US12077984B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2770139 A2 20140827; EP 2770139 A3 20151014; EP 2770139 B1 20180411; ES 2490015 A2 20140902; ES 2490015 B1 20150724; ES 2490015 R1 20150218; ES 2671976 T3 20180611; HU E038442 T2 20181029; PL 2770139 T3 20180831; PT 2770139 T 20180723

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EP 14156352 A 20140224; ES 14156352 T 20140224; ES 201330265 A 20130226; HU E14156352 A 20140224; PL 14156352 T 20140224; PT 14156352 T 20140224