

Title (en)
Burglarproof lock assembly

Title (de)
Diebstahlsichere Verriegelungsanordnung

Title (fr)
Ensemble de verrouillage antieffraction

Publication
EP 2345783 A1 20110720 (EN)

Application
EP 10150806 A 20100114

Priority
EP 10150806 A 20100114

Abstract (en)
A burglarproof lock assembly has a casing (1), a lock core (2), multiple locking pin assemblies (3), a supplementary locking assembly (4) and a key (5). The casing (1) has multiple outer chambers (12). The lock core (2) is mounted rotatably in the casing (1) and has multiple inner chambers (21) and a keyhole (22). The supplementary locking assembly (4) is mounted slidably in corresponding outer chamber (12) and the inner chamber (21) and has a first block (41) and a second block (42). The second block (42) has a locking pin (422) selectively engaging a locking recess (411) in the first block (41). The key (5) has a magnetic element (52) corresponding to the locking pin (422). The locking pin (422) is kept in the locking recess (411) if a key without the magnetic element (52) is inserted into the keyhole (22).

IPC 8 full level
E05B 15/14 (2006.01); **E05B 27/00** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)
E05B 27/0021 (2013.01); **E05B 47/0044** (2013.01)

Citation (search report)
• [Y] EP 1319778 A1 20030618 - FED LOCK CO LTD [TW]
• [Y] US 5074136 A 19911224 - KIM YOUNG C [KR], et al
• [Y] US 2008264125 A1 20081030 - WU HSIU-CHUAN [TW], et al
• [A] DE 202005015298 U1 20070208 - DRUMM GMBH [DE]
• [A] EP 1394341 A1 20040303 - FED LOCK CO LTD [TW]

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CN107724795A; EP2570571A1; US10030416B1; US10167655B2; US10927567B2

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

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