Title (en)
Security lock

Title (de)
Sicherheitsverriegelung

Title (fr)
Verrou de sécurité

Publication
EP 2278100 A1 20110126 (EN)

Application
EP 10169166 A 20100709

Priority
IT VE20090039 A 20090720

Abstract (en)
A security lock comprising, within a casing (4) fixable to the armour-plated door, a plate (6) for supporting the bolts (8), a cylinder (10) operable by a key for moving said plate with said bolts towards and away from the seats provided in the door jamb, and a defender for protecting said cylinder, comprising: - at least one element (20) movable between a position of non-interference with said plate when the bolts are inserted into the jamb seats and a position of interference such as to prevent disengagement of the bolts from the seats, - elastically compressed means (28) for moving said movable element (20) from said configuration of non-interference with said plate towards said configuration of interference, - at least one member (30) for halting said movable element in the configuration of non-interference, - elastic means (40) maintaining said halting member engaged with said movable element, said elastic means being elastically urged by the defender surface into contact with the lock casing, characterised by comprising a further elastic blocking member (44) for the movable element (20).

IPC 8 full level
E05B 17/20 (2006.01)

CPC (source: EP)
E05B 17/2092 (2013.01)

Citation (search report)
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- [A] WO 2004059111 A1 20040715 - RAV BARIACH SECURITY PRODUCTS [IL], et al
- [A] FR 2794158 A1 20001201 - REELAX FRANCE SA [FR]
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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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2278100 A1 20110126; **EP 2278100 B1 20121128**; HR P20130162 T1 20130430; IT 1399425 B1 20130416; IT VE20090039 A1 20110121; PL 2278100 T3 20130531; RU 2010130188 A 20120127; RU 2520930 C2 20140627; SI 2278100 T1 20130531

DOCDB simple family (application)
EP 10169166 A 20100709; HR P20130162 T 20130226; IT VE20090039 A 20090720; PL 10169166 T 20100709; RU 2010130188 A 20100719; SI 201030150 T 20100709