

Title (en)
FORCED ENTRY RESISTANT LOCK

Title (de)
GEGEN GEWALTSAMES EINDRINGEN BESTÄNDIGES SCHLOSS

Title (fr)
DISPOSITIF DE VERROUILLAGE RÉSISTANT AUX EFFRACTIONS

Publication
EP 2924208 A1 20150930 (EN)

Application
EP 15159959 A 20150319

Priority
IT PD20140072 A 20140326

Abstract (en)
A forced entry resistant lock (10), comprising - a casing (15) with a passage opening (16) for two engagement elements (17, 18), - two engagement elements (17, 18) arranged with respective engagement teeth (19, 20) that have opposite orientations in the configuration for use with the lock in operation, - a movable pivot (21), to which both of the engagement elements (17, 18) are pivoted, - means (23) for the translation of the movable pivot (21) in a direction for the exit of the engagement elements (17, 18) from inside the casing (15), in an inactive configuration, toward the outside of the casing, in an intermediate configuration for translation and in a subsequent configuration for use, - means (24) for the rotation in opposite directions of each engagement element (17, 18) from an intermediate configuration for translation to a configuration for use, and - elastic means (25) for contrasting the rotation of the engagement elements (17, 18) from the intermediate configuration to the configuration for use.

IPC 8 full level
E05B 63/12 (2006.01); **E05C 5/00** (2006.01); **E05C 9/18** (2006.01)

CPC (source: EP)
E05B 63/127 (2013.01); **E05C 5/00** (2013.01); **E05C 9/1825** (2013.01)

Citation (search report)
• [XAI] US 1660325 A 19280228 - DOWLING FRANCIS J
• [IA] EP 1243729 A2 20020925 - ROTO FRANK EISENWAREN [AT]

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 2924208 A1 20150930; **EP 2924208 B1 20190626**; CN 104948027 A 20150930; CN 104948027 B 20190125

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EP 15159959 A 20150319; CN 201510132783 A 20150325