

Title (en)

Sliding bars closure mechanism for locks and a lock provided with such mechanism

Title (de)

Riegelverschlussmechanismus für Schlösser und mit einem solchen Mechanismus ausgestattetes Schloss

Title (fr)

Mécanisme de fermeture avec barres coulissantes pour verrous et verrou doté d'un tel mécanisme

Publication

EP 1936081 A3 20101229 (EN)

Application

EP 07123623 A 20071219

Priority

IT MI20062488 A 20061222

Abstract (en)

[origin: EP1936081A2] Described herein is a sliding bars closure mechanism for a lock (14) of the type provided to be fixed in a non-removable manner on the internal surface of a door (16) hinged to a furnishing element in general. The mechanism comprises one or more bars (10) each fixed, at one of its proximal ends (10a), to a sliding latch (12) of the lock (14). Furthermore, each bar (10) can translate along the direction defined by its axis to engage, at one of its distal ends (10b), with one or more blocking elements (20) integrally joined to a fixed wall (18) of the furnishing element so that the door (16) is kept in a closed position. Each bar (10) is made of a hollow tubular section, made of plastic or metal material, provided with an internal chamber hollow and open at one of the opposite proximal (10a) and distal (10b) ends of each bar (10).

IPC 8 full level

E05C 9/04 (2006.01); **E05C 9/00** (2006.01); **E05C 9/18** (2006.01)

CPC (source: EP)

E05C 9/006 (2013.01); **E05C 9/047** (2013.01); **E05C 9/1808** (2013.01); **E05C 9/20** (2013.01); **E05C 9/22** (2013.01)

Citation (search report)

- [X] FR 1067271 A 19540614 - SERRURERIE RATIONNELLE
- [X] US 5688000 A 19971118 - DOLMAN TERENCE J [GB]

Cited by

ITRA20110015A1; FR2938866A1; US2021293062A1; EP3266969A3; EP3680429A1; FR3091715A1; WO2012143792A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1936081 A2 20080625; **EP 1936081 A3 20101229**; **EP 1936081 B1 20140611**; **EP 1936081 B9 20140903**; IT MI20062488 A1 20080623

DOCDB simple family (application)

EP 07123623 A 20071219; IT MI20062488 A 20061222