

Title (en)  
LOCK FOR SLIDING DOOR

Title (de)  
VERRIEGELUNG FÜR SCHIEBETÜR

Title (fr)  
SERRURE POUR PORTE COULISSANTE

Publication  
**EP 3118397 A1 20170118 (EN)**

Application  
**EP 16179777 A 20160715**

Priority  
IT UB20152278 A 20150717

Abstract (en)  
A lock (1) for a sliding door (2), comprises a containing box body (3), suitable for being housed in a cavity (4) of an abutting edge (5) of the door (2); a hooking element (6) suitable for engaging with a retaining unit (7) mounted on a jamb (8) in a position facing the abutting edge (5); driving means (9, 10, 11A, 11B) for moving the hooking element (6) from a retracted position (P R ) in the containing box body (3) - that permits a free sliding movement of the sliding door (2) along an opening/closing direction (D) - to a prominent engagement position (P P ), in which the hooking element (6) protrudes outside the box body (3) to hook onto the retaining unit (7) and prevent opening of the sliding door (2). The driving means (9, 10, 11A, 11B) is configured for giving the hooking element (6) a linear protrusion/retraction movement along a first rectilinear trajectory (T1) that is parallel to the opening/closing direction (D) of the door (2), and a second linear engagement/release movement along a second rectilinear trajectory (T2) that is transverse to the opening/closing direction (D).

IPC 8 full level  
**E05B 63/12** (2006.01); **E05B 65/08** (2006.01)

CPC (source: EP)  
**E05B 63/126** (2013.01); **E05B 65/087** (2013.01)

Citation (applicant)  
• DE 272467 C  
• US 2253496 A 19410826 - HANCIL CORDREY, et al  
• AU 4997064 A 19670406  
• IT MI20070376 A 20070227

Citation (search report)  
• [AD] DE 272467 C  
• [AD] US 2253496 A 19410826 - HANCIL CORDREY, et al  
• [AD] AU 4997064 A 19670406  
• [A] US 1422820 A 19220718 - ALEXANDER BLOCK  
• [A] US 1406437 A 19220214 - ALEXANDER BLOCK  
• [A] GB 630379 A 19491012 - ERNEST CYRIL HANSOR

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 3118397 A1 20170118; EP 3118397 B1 20180516**; ES 2689275 T3 20181113; HR P20181257 T1 20181005; IT UB20152278 A1 20170117; PL 3118397 T3 20181231; PT 3118397 T 20181008; RS 57610 B1 20181130; SI 3118397 T1 20180928

DOCDB simple family (application)  
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