Title (en)
 DOOR LOCK WITH A HOOK BOLT

Title (de)
 TÜRRIEGEL MIT HAKENBOLZEN

Title (fr)
 SERRURE DE PORTE A PENE EN CROCHET

Publication
 **EP 1311736 A1 20030521 (EN)**

Application
 **EP 01960803 A 20010816**

Priority
 • FI 0100727 W 20010816
 • FI 20001841 A 20000821

Abstract (en)
 [origin: WO0216716A1] A door lock, comprising a housing-like lock case (1) provided with a front plate (3) and including a hook bolt (4;5,6), which is movable between a locking and a releasing position by means of a key (9) of the lock or other force transmission element and comprises a linearly movable guiding part (5) and a separate hook part (6) turnably journalled on the end thereof and which is arranged in cooperation with a striking plate (14) in a door frame (13) so that in its locking position the hook part (6) of the hook bolt (4; 5, 6) is moved through an opening (14a) in the striking plate and is turned towards an inner surface (14b) in the striking plate. The hook bolt (4; 5, 6) comprises a pivot arrangement by means of which the hook part (6) is movable with regard to the guiding part (5) in the longitudinal direction of the front plate (3). In addition the lock case (1) includes a guiding groove (8; 8a, 8b) for guiding the pivoting point of the hook part (6) both in the longitudinal direction of the front plate (3) and in the direction of movement of the guiding part (5).

IPC 1-7
 **E05B 63/12**; E05B 65/08

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

CPC (source: EP NO)
 **E05B 63/0013** (2013.01 - NO); **E05B 63/127** (2013.01 - EP NO); E05B 63/0013 (2013.01 - EP)

Cited by
 CN103174327A

Designated contracting state (EPC)
 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
 **WO 0216716 A1 20020228**; AT E307946 T1 20051115; AU 8220201 A 20020304; CN 1246560 C 20060322; CN 1447875 A 20031008;
 DE 60114431 D1 20051201; DE 60114431 T2 20060727; DK 1311736 T3 20060313; EA 004355 B1 20040429; EA 200300282 A1 20030626;
 EE 04947 B1 20071217; EE 200300068 A 20041215; EP 1311736 A1 20030521; EP 1311736 B1 20051026; ES 2250456 T3 20060416;
 FI 108310 B 20011231; FI 20001841 A0 20000821; HU 224565 B1 20051028; HU P0303061 A2 20031229; NO 20030798 D0 20030220;
 NO 20030798 L 20030220; NO 337283 B1 20160229; PL 201445 B1 20090430; PL 360488 A1 20040906; SI 1311736 T1 20060430;
 UA 73193 C2 20050615

DOCDB simple family (application)
 **FI 0100727 W 20010816**; AT 01960803 T 20010816; AU 8220201 A 20010816; CN 01814343 A 20010816; DE 60114431 T 20010816;
 DK 01960803 T 20010816; EA 200300282 A 20010816; EE P200300068 A 20010816; EP 01960803 A 20010816; ES 01960803 T 20010816;
 FI 20001841 A 20000821; HU P0303061 A 20010816; NO 20030798 A 20030220; PL 36048801 A 20010816; SI 200130481 T 20010816;
 UA 2003010586 A 20010816