

Title (en)
Lock

Title (de)
Schloss

Title (fr)
Serrure

Publication
EP 1118739 B1 20050406 (EN)

Application
EP 00870007 A 20000121

Priority
EP 00870007 A 20000121

Abstract (en)
[origin: EP1118739A1] A lock comprising a frame (1), a dead bolt (41) slidably mounted on the frame (1) between a retracted and a projecting position, a key actuated cylinder (13) provided with a rotary driving bit (14) arranged to move the dead bolt (41), and locking means (66) for locking the dead bolt (41) in its retracted and projecting positions. The rotary driving bit (14) is arranged to move the dead bolt (41) through the intermediary of a dead bolt lever (58). This dead bolt lever is pivoted about a pivot (59) with respect to the frame (1) and engages the dead bolt (41) on a first distance from said pivot (59) whilst said rotary bit (14) engages the dead bolt lever (58) on a distance (D2) from said pivot smaller than said first distance (D1). In this way, the stroke of the dead bolt is increased for one turn of the driving bit (14). <IMAGE>

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E05B 63/08; E05B 63/06; E05B 65/00

IPC 8 full level
E05B 63/00 (2006.01); **E05B 63/06** (2006.01); E05B 9/00 (2006.01); E05B 59/00 (2006.01)

CPC (source: EP)
E05B 63/0021 (2013.01); **E05B 63/044** (2013.01); **E05B 63/06** (2013.01); E05B 59/00 (2013.01); E05B 2009/004 (2013.01)

Cited by
EP1367197A1; EP2778323A1; EP4191007A1; EP2886755A1; EP4191006A1; EP2915939A1; ITMI20101179A1; US7155945B2; US10927570B2; DE10309946A1; DE10309946B4; FR2852345A1; DE10309947A1; DE10309947B4; BE1017308A5; EP1367198A1; EP3332901A1; EP2202370A1; US8276413B2; US9790710B2

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