Title (en)
Lock with hook-bolt

Title (de)
Schloss mit Hakenbolzen

Title (fr)
Serrure avec boulon à crochet

Publication
EP 2873790 B1 20190918 (EN)

Application
EP 13192647 A 20131113

Priority
EP 13192647 A 20131113

Abstract (en)
[origin: EP2873790A1] A lock (1) comprising a hook bolt (8) which is mounted in the lock, pivotally movable between a retracted position and an extended position, a forend (18) exhibiting a bolt opening (34), through which the hook bolt (8) extends in the extended position. The lock further comprising a lock mechanism (6), which is connected to the hook bolt (8) for driving the hook bolt between the retracted and the extended position, whereby the bolt opening (34) and a cross section of the bolt (8), which cross section, in the extended position is arranged in the plane of the bolt opening (34), have similar elongated shapes having a longitudinal direction, each of which shapes is symmetrical and substantially convex at least in a direction perpendicular to the longitudinal direction, such that a width (W), measured perpendicular to the longitudinal direction of the elongated shapes, varies along a length (L) of each of said shapes. The elongated shapes comprise two mutually opposed short sides (52) and two mutually opposed long sides (54), wherein the width of the elongated shapes between the long sides is maximal in an intermediate region of the shapes between the short sides.

IPC 8 full level
E05B 15/10 (2006.01); **E05B 63/00** (2006.01); **E05B 65/08** (2006.01); **E05C 9/18** (2006.01)

CPC (source: EP)
E05B 15/10 (2013.01); **E05B 63/0013** (2013.01); **E05B 65/0811** (2013.01); **E05C 9/1875** (2013.01)

Citation (examination)
WO 03078767 A1 20030925 - ASSA AB [SE], et al

Cited by
US11319728B2; US2022243498A1; WO2017178287A1

Designated contracting state (EPC)
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