

Title (en)
IMPROVED DOOR LOCK WITH A HOOK BOLT

Title (de)
VERBESSERTES TÜRSCHLOSS MIT HAKENRIEGEL

Title (fr)
SERRURE DE PORTE OPTIMISÉE AVEC UN PÊNE EN CROCHET

Publication
EP 2171185 A1 20100407 (EN)

Application
EP 08761687 A 20080521

Priority
• FI 2008050291 W 20080521
• FI 20075528 A 20070709

Abstract (en)
[origin: WO2009007496A1] A door lock (1) having a lock body (2) equipped with a front plate (3), said lock body including a hook bolt (4) movable between the locking and released position with a key, the hook bolt being arranged to cooperate with a striker plate (11) in the door frame so that in its locking position, the hook bolt (4) is pushed into the striker plate opening (11a) and its hook part (6) is turned towards the inner surface of the striker plate (11). The hook bolt (4) comprises a plate-like body part (5) with hook parts (6) pivotably mounted on both sides thereof, and in the locking position of the hook bolt (4), the body part (5) together with the hook parts (6) extends into the striker plate opening (11a). The body part (5) is furnished with side elements (8) arranged at the positions of the hook parts (6), and in the locking position of the hook bolt (4), the side elements (8) together with the body part (5) and the hook parts (6) are arranged to substantially fill the striker plate opening (11a). Furthermore, in the lengthwise direction of the front plate (3), the body part (5) is dimensioned so that in its locking position, it is wider at the front plate opening (3a) compared to other parts of the hook bolt (4), and the front plate opening (3a) has a separate cutout (3b) for the body part (5) preferably at both the top edge and the bottom edge of the opening.

IPC 8 full level
E05B 63/12 (2006.01)

CPC (source: EP FI)
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Citation (search report)
See references of WO 2009007496A1

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