

Title (en)
LOCK WITH LATCH AND AUXILIARY BOLT

Publication
EP 0187104 B1 19900829 (FR)

Application
EP 85402650 A 19851227

Priority
FR 8420033 A 19841228

Abstract (en)
[origin: EP0187104A1] 1. Lock comprising a principal bolt (3) of half-turn type, that is to say bevelled and elastically urged to protrude from the casing (1) of the lock, for the purpose of insertion into a clasp (5) (closed position of the lock), an auxiliary bolt (4) also urged elastically to protrude from the casing, a bearing attached to the clasp, adapted to oppose the protrusion of the auxiliary bolt, means to employ the re-entry of the auxiliary bolt for the purpose of blocking the principal bolt in its protruding position and control means actuatable from one of the two sides of the lock, called "outer" side below, adapted for releasing the principal bolt from the clasp, even when the auxiliary bolt is re-entered, characterized in that it further comprises an auxiliary clasp (6) rigidly fast with the aforesaid clasp (5) and adapted to receive the auxiliary bolt (4) on closing of the lock, a constituent plug (66) of the aforesaid bearing, which plug is adapted to be moved in the auxiliary clasp (6) between two stable positions corresponding respectively to disengagement and to plugging of this clasp, means, preferably electric, for moving this plug from one to the other of its two stable positions and conversely, an outer actuating handle (31) and a linking mechanism (21-27, 32) adapted to kinematically couple this handle (31) to the principal bolt (3) so that actuation of the handle results in a re-entry of the two bolts if they are both protruding and on the contrary is inoperative with respect to the principal bolt (3) as long as the auxiliary bolt (4) occupies its re-entered or only partially protruding position.

IPC 1-7
E05B 55/12

IPC 8 full level
E05B 55/12 (2006.01); **E05B 59/04** (2006.01)

CPC (source: EP)
E05B 55/12 (2013.01)

Cited by
US2012139267A1; CN110360240A; EP0430833A3; FR2663670A1; FR2737526A1; ES2137792A1; US2013320692A1; US9169674B2; WO2016015754A1

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