

Title (en)

Lock with latch and auxiliary bolt.

Title (de)

Schloss mit Falle und Zusatzriegel.

Title (fr)

Perfectionnements aux serrures comportant un pêne demi-tour et un pêne auxiliaire.

Publication

EP 0187104 A1 19860709 (FR)

Application

EP 85402650 A 19851227

Priority

FR 8420033 A 19841228

Abstract (en)

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.

Abstract (fr)

Il s'agit d'une serrure comportant un pêne principal de type demi-tour (3) propre à coagir avec une gâche principale (5), un pêne auxiliaire (4) et un mécanisme propre à exploiter la rentrée du pêne auxiliaire dans le coffre (1) aux fins de maintien du pêne principal en sa position sortie. Cette serrure comporte en outre une gâche auxiliaire (6) propre à recevoir le pêne auxiliaire (4), un bouchon (66) susceptible d'occuper ou de dégager à volonté la gâche auxiliaire, une poignée de commande extérieure (31), et des moyens pour transformer la rotation de la poignée en rentrée des deux pènes s'ils sont sortis tous les deux et au contraire à empêcher toute commande de la rentrée du pêne principal à partir de ladite poignée tant que le pêne auxiliaire se trouve en sa position rentrée ou seulement partiellement sortie.

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)

Citation (search report)

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- [A] US 1508668 A 19240916 - PRINZLER CARL J
- [A] FR 1375592 A 19641016 - YALE & TOWNE MFG CO

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