

Title (en)

Door locking mechanisms for security enclosures.

Title (de)

Türschlossmechanismen für Sicherheitsbehältnisse.

Title (fr)

Mécanismes de serrure de porte pour récipients de sécurité.

Publication

EP 0672808 A1 19950920 (EN)

Application

EP 95200564 A 19950308

Priority

GB 9405218 A 19940317

Abstract (en)

A locking mechanism for the door of a safe or the like has a bolt strap (1) operated by a thrower (2) and a keyless combination lock (4) whose bolt (5) pivots a lever (8) to block retraction of the strap (1) and thrower (2). The lever (8) is also connected through a rod (11) to a shutter for blocking the entrance to a separate key lock (not shown). In order to relieve the force acting inwards on the bolt (5) when it is thrown there is provided a spring (19) connected at one end (23) to the lever (8) and at its other end (17A) to another pivoted lever (17), the arrangement being such that the spring (19) goes overcentre to apply a force to the bolt (5) in the same sense as its throwing movement whenever the latter is thrown. <IMAGE>

IPC 1-7

E05B 65/00; **E05B 15/00**

IPC 8 full level

E05B 15/00 (2006.01); **E05B 65/00** (2006.01)

CPC (source: EP)

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Citation (search report)

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- [DA] US 4628715 A 19861216 - UYEDA TIM M [US], et al
- [DA] GB 815654 A 19590701 - CHUBB & SONS LOCK & SAFE CO

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