

Title (en)

Security lock for technical appliance cabinets

Title (de)

Sicherheitsschloss für technische Apparatschränke

Title (fr)

Serrure de sûreté pour coffrets d'appareillages techniques

Publication

EP 0753635 A1 19970115 (FR)

Application

EP 96420237 A 19960712

Priority

FR 9508770 A 19950713

Abstract (en)

The security lock consists of a sliding bolt (10) actuated by a rack (9) and a pinion (8b) which is turned by a rotary control rod (6) and key (7). The rack comprises a mobile component which is connected to the bolt, and both are able to tilt transversely under an effort greater than the normal actuating effort to ensure an automatic disengagement of the bolt and control rod. The mobile rack (9) is held in position by two supports which are able to move elastically to allow the rack to tilt and disengage from the pinion. The rack is connected to the bolt by a semi-cylindrical projection which fits into a socket (10a) in the bolt to form a pivot, and the control rod is connected to the pinion by an endless screw (6b).

Abstract (fr)

L'actionnement du pène coulissant (10) est opéré à l'aide d'un mécanisme du type à vis sans fin (6b) qui agit sur deux pignons latéraux (8b) solidaires de la roue creuse dudit mécanisme. Ces pignons actionnent une crémaillère double (9a) liée au pène tout en étant apte à se dégager automatiquement desdits pignons en cas de couple résistant trop élevé, notamment en fin de course dudit pène à la fermeture. <IMAGE>

IPC 1-7

E05B 63/00

IPC 8 full level

E05B 63/00 (2006.01); **E05B 35/00** (2006.01); **E05B 65/02** (2006.01)

CPC (source: EP)

E05B 63/0017 (2013.01); **E05B 35/008** (2013.01); **E05B 65/02** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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