

Title (en)

Bolt for locks, particularly for panic-safe locks for double doors.

Title (de)

Riegel für Schlösser, insbesondere für paniksichere Doppeltürschlösser.

Title (fr)

Verrou pour serrure, notamment pour serrures anti-paniques pour portes deux battants.

Publication

EP 0620342 A1 19941019 (EN)

Application

EP 94104427 A 19940321

Priority

IT BO930106 A 19930324

Abstract (en)

The bolt for panic-safe locks is installable in one door of a double door and is operatively associated with a strike lock installable in another door thereof. A flat sliding plate (20) is accommodated in a seat (10) of the bolt (3) and guided, against the biasing action of elastic transmission means (17), at right angles to the sliding direction of the bolt (3). The sliding plate (20) has a lug (30) for abutment against a fixed element (4) of the lock when the bolt (3) is engaged in the strike lock. A slider (35) is guided in the bolt (3) parallel to the sliding direction of the bolt (3) and has a tang (38) protruding frontally from the bolt (3). The slider (35) cooperates with the sliding plate (20) so that when the bolt (3) is engaged within the strike lock, the release action produced on the tang (38) by means of the strike lock causes the slider (35) to move the sliding plate (20) into a position in which the lug (30) does not abut against the fixed element (4), allowing retraction of the bolt (3) into the lock due to the release action. <IMAGE>

IPC 1-7

E05C 7/04; **E05B 59/00**

IPC 8 full level

E05B 59/00 (2006.01); **E05C 7/04** (2006.01); **E05B 65/10** (2006.01); **E05C 1/06** (2006.01)

CPC (source: EP)

E05B 59/00 (2013.01); **E05C 7/04** (2013.01); **E05B 65/10** (2013.01); **E05B 65/1086** (2013.01); **E05C 1/06** (2013.01)

Citation (search report)

- [A] BE 360186 A
- [A] DE 3032086 A1 19820311 - SCOVILL SICHERHEITSEINRICHTUNG [DE]
- [A] FR 2110096 A5 19720526 - CISA COSTRUZIONI ITALIAN
- [A] FR 804986 A 19361106 - YZERHANDEL I M DE VRIES NV
- [A] US 1533826 A 19250414 - BUTTERWORTH SAMUEL D

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EP0902141A1; CN102137979A; RU2471053C2; EP3336287A1; CN108222701A; WO2010016074A1

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