

Title (en)

Closure device for use with openable door or window

Title (de)

Verriegelungsvorrichtung für Türen oder Fenster

Title (fr)

Dispositif de verrouillage pour portes ou fenêtres

Publication

EP 1340867 A1 20030903 (EN)

Application

EP 03251227 A 20030228

Priority

GB 0204816 A 20020301

Abstract (en)

A closure device which is adapted to be mounted on a closing face of a door which is slidable, in a direction parallel to the plane of the door, between open and closed positions with respect to a fixed rectangular frame in which the door is slidably mounted (and having a keeper with a locking formation provided on a fixed vertical frame member which co-operates with the closure device on the closing face), and in which the closure device comprises: an actuator device which is adapted to be mounted on the closing face of the door; an elongate actuator element which is linearly displaceable in a direction generally lengthwise of the closing face, said actuator element being displaceable between an operative position and an inoperative position by operation of the actuator device; and at least one locking element connected to the elongate actuator element and which is movable into and out of engagement with a locking formation on the keeper, upon movement of the elongate actuator element to and from its operative position, said locking element being formed by a locking tang, or being L-shaped or T-shaped in cross section, to engage with the locking formation and to resist forced separation of the closure device and the keeper. <IMAGE>

IPC 1-7

E05B 17/20; E05C 9/04; E05B 65/08

IPC 8 full level

E05B 17/20 (2006.01); **E05B 63/18** (2006.01); **E05B 13/00** (2006.01); **E05B 65/08** (2006.01); **E05C 9/04** (2006.01); **E05C 9/18** (2006.01)

CPC (source: EP)

E05B 17/2088 (2013.01); **E05B 63/185** (2013.01); **E05C 9/047** (2013.01); **E05B 13/002** (2013.01); **E05B 65/087** (2013.01); **E05C 9/185** (2013.01)

Citation (search report)

- [PX] EP 1191173 A2 20020327 - AVOCET HARDWARE PLC [GB]
- [X] GB 2310245 A 19970820 - GORDON IAN ALEXANDER [GB]
- [X] FR 2751365 A1 19980123 - SESE DENIS [FR]
- [X] GB 2318382 A 19980422 - ROGERS JOHN [GB]
- [X] WO 9415055 A1 19940707 - SAMHALL BOHUSGRUPPEN AB [SE], et al

Cited by

GB2547396A; GB2547396B; EP4332334A1; US10287804B2; WO2016083765A1

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