

Title (en)

Safe door latch with deformation actuated interlock.

Title (de)

Tresortür mit Zusatzverriegelung betätigt durch Einbruchversuch.

Title (fr)

Fermeture pour porte de coffre-fort, à verrou auxiliaire commandé par déformation.

Publication

EP 0242596 A2 19871028 (EN)

Application

EP 87104074 A 19870320

Priority

US 85586186 A 19860424

Abstract (en)

A lockable enclosure is disclosed which may be installed at locations accessible to customers for vending merchandise, dispensing money or receiving deposits, and where a potential attacker would have only a limited period of time to break into the enclosure before the police or security personnel would be able to arrive and intervene against the attacker. The latches and latch bolts (67) of the enclosure have apertures or projections (69) which interlock with mating projections or apertures (73, 75) upon deformation of the sheet metal door or the sheet metal walls of the enclosure when an attacker deforms the enclosure sufficiently to cause damage to the lock or latches. Such interlocking prevents retraction of the latches or latch bolts holding the door closed even if the lock mechanism is completely destroyed or removed by force.

IPC 1-7

E05G 1/04

IPC 8 full level

E05B 17/20 (2006.01); **G07F 19/00** (2006.01)

CPC (source: EP)

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Cited by

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Designated contracting state (EPC)

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EP 0242596 A2 19871028; **EP 0242596 A3 19881019**; **EP 0242596 B1 19900919**; DE 3764996 D1 19901025; JP H0730640 B2 19950410; JP S62258070 A 19871110

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