

Title (en)
Alarm device.

Title (de)
Alarmvorrichtung.

Title (fr)
Dispositif d'alarme.

Publication
EP 0208876 A1 19870121 (FR)

Application
EP 86106836 A 19860520

Priority
CH 236285 A 19850604

Abstract (en)
1. An alarm device for protection against the forced opening of a closure structure for an enclosed space, comprising at least one electromechanical arrangement intended to be connected to an electric control circuit of an electric alarm system and in which this arrangement, which is intended to be embedded in the closure structure, comprises a tripping device which is mounted so as to move between an open position and a closed position of an electric supply circuit of the electric alarm system and is held resiliently in an open position of this supply circuit against any thrust caused by an attempt to break in by the forced displacement of an element of the closure structure with a lever, characterised in that the tripping device (4, 40, 41, 42, 43, 44) of the electromechanical arrangement has a flat face (10) constituting a separate portion of a wall of the closure structure and is mounted so as to move transversely to the plane of this flat face, and in that said flat face is intended to be arranged in the plane of one of the walls of the closure structure and in the position of at least partial engagement in a selected slot (11) which is visible from the exterior of the enclosed space and exists between two elements of the closure structure which are capable of being spread apart for the purpose of a break in.

Abstract (fr)
Le dispositif d'alarme est composé d'une platine (6) fixée dans l'ouvrant (1) d'une structure de fermeture dont le cadre (2) comporte une battue (3), d'un déclencheur (4) articulé à la platine, d'un premier conducteur (15) fixé à l'intérieur de la platine, d'un second conducteur (16) fixé au déclencheur, et de ressorts (17) mis en pression contre le déclencheur pour maintenir le contact des deux conducteurs. Le déclencheur (4) présente une face plane (10) disposée en position de repos dans le plan d'une paroi (7) de l'ouvrant et engagée dans la fente (11) existant entre ce dernier et la battue, de sorte que toute tentative d'effraction avec un levier (18) engagé dans cette fente pour forcer l'ouverture de l'ouvrant déclenche l'alarme par rupture de contact des deux conducteurs, avant tout détérioration. Des variantes sont montrées pour un cadre sans battue et pour une alarme par fermeture de contact.

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IPC 8 full level
E06B 5/10 (2006.01); **E06B 5/11** (2006.01); **G08B 13/06** (2006.01)

CPC (source: EP)
E06B 5/113 (2013.01); **G08B 13/06** (2013.01)

Citation (search report)
• [A] FR 1552466 A 19690103
• [A] DE 3148718 A1 19820624 - MEYER FERDINAND
• [A] US 4178588 A 19791211 - QUEREN JAMES [US]
• [A] US 4390867 A 19830628 - QUEREN JAMES [US]

Cited by
EP0373326A1; CN110067489A; FR2801629A1; CN107269184A; AU640341B3; EP2631886A3; CN107191113A; GB2356958A; GB2356958B; EP1494187A1; FR2669076A1; US6748701B2; WO0140609A1

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