

Title (en)

Passive intrusion detector and its use

Title (de)

Passiver Infrarot-Einbruchdetektor und dessen Verwendung

Title (fr)

Détecteur passif d'intrusion et utilisation du détecteur

Publication

**EP 0772171 B1 20030108 (DE)**

Application

**EP 96116924 A 19961022**

Priority

- EP 96116924 A 19961022
- EP 95117323 A 19951103

Abstract (en)

[origin: EP0772171A1] The detector consists of a housing (2) with an entry window (3) which is transparent for body radiation in the infrared region, a focussing lens (5) and a device for sabotage security with an active light source (8), an associated detector (9) and an evaluation and alarm output circuit on a circuit board (7). The sabotage security unit has an optically diffracting grid structure (4) integrated on the outside of the entry window and which focuses the light emitted by the light source onto the detector. The light source and detector can be mounted inside and outside the entry window respectively or vice-versa.

IPC 1-7

**G08B 29/04**

IPC 8 full level

**G08B 29/04** (2006.01)

CPC (source: EP)

**G08B 29/046** (2013.01)

Cited by

EP1061489A1; EP1079351A1; DE19737166C2; EP1174839A3; GB2339614A; GB2339614B; EP2498232A1; US7807970B2; US6377174B1; US7414236B2; US8772702B2; WO2007147322A1; WO0062267A1

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