

Title (en)
INFRARED INTRUSION DETECTOR

Publication
EP 0189536 B1 19891011 (DE)

Application
EP 85114602 A 19851116

Priority
CH 5885 A 19850108

Abstract (en)
[origin: ES8706274A1] In an infrared intrusion detector which evaluates the body radiation of an intruder by means of a dual radiation sensor having two sensor elements arranged in a differential circuit for emitting an alarm signal, a functional supervision and detection of an attempt at sabotage, e.g., by covering or spraying the entrance window, are achieved by asymmetric irradiation of the two sensor elements through the entrance window by a radiation source. The asymmetry can be achieved by disposing the radiation source outside the plane of symmetry of the sensor elements or by an asymmetrically disposed auxiliary reflector.

IPC 1-7
G08B 29/00

IPC 8 full level
G01J 1/42 (2006.01); **G01V 8/10** (2006.01); **G01V 8/20** (2006.01); **G08B 13/18** (2006.01); **G08B 13/193** (2006.01); **G08B 29/00** (2006.01); **G08B 29/04** (2006.01); **G08B 29/14** (2006.01)

CPC (source: EP US)
G08B 29/046 (2013.01 - EP US); **G08B 29/14** (2013.01 - EP US); **Y10S 250/01** (2013.01 - EP US)

Cited by
EP0772171A1; EP0507025A3; EP0289621A4; US5942976A; EP0499177A1; US5831529A; EP0475219A1; EP0556898A1; US5499016A; EP0262416A3; EP2498232A1; US8772702B2

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EP 85114602 A 19851116; AT 85114602 T 19851116; CA 498872 A 19860102; DE 3573670 T 19851116; ES 551284 A 19860103; JP 82886 A 19860108; NO 854759 A 19851127; US 81350885 A 19851226