

Title (en)  
Passive infrared detector

Title (de)  
Passiv-Infrarotmelder

Title (fr)  
Capteur infrarouge passif

Publication  
**EP 1093100 B1 20040609 (DE)**

Application  
**EP 99120434 A 19991014**

Priority  
EP 99120434 A 19991014

Abstract (en)  
[origin: EP1093100A1] A passive infra-red (IR) detector has an entrance window (3) for IR-radiation, an IR-sensor (5) with an evaluation circuit (6) and an anti-masking device, comprising an optical transmitter (8,10) and an optical receiver (9), for detection of processes or optical changes directly in front of the detector and/or changes of the optical properties of the entrance window (3). Two channels (14,15) are provided for evaluation of the anti- masking device signals, one channel (14) being designated PL- channel, and reacting to time-limited processes, and the other (15) is designated as RT-channel, for reacting to time-stabilised processes or changes. The signals of two channels (14,15) are evaluated in together.

IPC 1-7  
**G08B 29/04**; **G08B 13/19**

IPC 8 full level  
**G08B 13/19** (2006.01); **G08B 29/04** (2006.01)

CPC (source: EP US)  
**G08B 13/19** (2013.01 - EP US); **G08B 29/046** (2013.01 - EP US)

Cited by  
US6800854B2

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**EP 1093100 A1 20010418**; **EP 1093100 B1 20040609**; **EP 1093100 B8 20040818**; AT E282291 T1 20040615; DE 59909695 D1 20040715; ES 2226259 T3 20050316; IL 138209 A0 20011031; IL 138209 A 20031210; US 6262661 B1 20010717

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