

Title (en)  
Passive infrared detector

Title (de)  
Passiv Infrarotmelder

Title (fr)  
Détecteur passif d'infrarouges

Publication  
**EP 1612750 B1 20081119 (DE)**

Application  
**EP 04015646 A 20040702**

Priority  
EP 04015646 A 20040702

Abstract (en)  
[origin: EP1612750A1] The detector has a heat sensitive sensor, and a mirror (1) collimating heat radiation falling from a monitoring room to the sensor. Reflecting arrays comprising reflectors are provided for monitoring the room in different positions, and the mirror discriminates between human and animal based on amplitude of sensor signal. An auxiliary part has an imaging optic with characteristics of reflectors that are covered on a side of the sensor.

IPC 8 full level  
**G08B 13/193** (2006.01)

CPC (source: EP)  
**G08B 13/193** (2013.01)

Cited by  
EP2765563A1; US9797769B2; JP2015535598A; WO2014076465A1; US11080974B2; US11776368B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1612750 A1 20060104; EP 1612750 B1 20081119**; AT E414965 T1 20081215; DE 502004008486 D1 20090102

DOCDB simple family (application)  
**EP 04015646 A 20040702**; AT 04015646 T 20040702; DE 502004008486 T 20040702