

Title (en)

Movement detector with at least a convergent lens

Title (de)

Bewegungsmelder mit mindestens einer Sammellinse

Title (fr)

Détecteur de mouvement avec au moins une lentille convergente

Publication

EP 0825574 B1 20010627 (DE)

Application

EP 97113619 A 19970807

Priority

DE 19632514 A 19960813

Abstract (en)

[origin: EP0825574A1] The collecting lens (2) focusses the heat radiation from persons on to an infrared sensor (6) the signal from which is processed in a circuit board (4). The infrared sensor is positioned, viewed from the lens, in a plane behind the circuit board. In this area the circuit board has an opening (8) which provides the focussed heat radiation with access to the infrared sensor. The sensor can be fixed to a sensor mounting secured in the edge region of the opening forming a receptacle for the sensor behind the circuit board and the sensor mounting can have a support for mirrors.

IPC 1-7

G08B 13/193

IPC 8 full level

G08B 13/19 (2006.01); **G08B 13/18** (2006.01); **G08B 13/191** (2006.01); **G08B 13/193** (2006.01); **H01H 37/32** (2006.01)

CPC (source: EP)

G08B 13/193 (2013.01)

Cited by

DE102006016395B3; PL126808U1

Designated contracting state (EPC)

AT BE CH DE ES FI GB GR IT LI NL PT SE

DOCDB simple family (publication)

EP 0825574 A1 19980225; **EP 0825574 B1 20010627**; AT E202649 T1 20010715; CZ 246197 A3 19990113; DE 19632514 A1 19980219; DE 59703893 D1 20010802; ES 2159073 T3 20010916; HU 9701384 D0 19971028; HU P9701384 A2 19980428; NO 973708 D0 19970812; NO 973708 L 19980216; PL 321562 A1 19980216

DOCDB simple family (application)

EP 97113619 A 19970807; AT 97113619 T 19970807; CZ 246197 A 19970801; DE 19632514 A 19960813; DE 59703893 T 19970807; ES 97113619 T 19970807; HU P9701384 A 19970812; NO 973708 A 19970812; PL 32156297 A 19970811