

Title (en)  
PET RESISTANT PIR DETECTOR

Title (de)  
PIR-DETEKTOR MIT VERBESSERTER FALSCHEN ALARMMELDUNG VON HAUSTIEREN

Title (fr)  
DETECTEUR A INFRAROUGE PASSIF DISTINGUANT LES ANIMAUX FAMILIERS

Publication  
**EP 1264292 B1 20091111 (EN)**

Application  
**EP 01914858 A 20010308**

Priority  
• CA 0100284 W 20010308  
• CA 2300644 A 20000310

Abstract (en)  
[origin: WO0167414A1] A passive infrared sensor uses a modified lens or mirror to vertically elongate the detection zones in regions close to the sensor. This vertical elongation reduces the signal produced by a small pet, such as a cat, while the greater height of a human intruder produces a larger signal. The sensor advantageously uses a single detector and the same algorithm is used to distinguish human intruders from small pets.

IPC 8 full level  
**G08B 13/193** (2006.01); **G08B 13/19** (2006.01); **G08B 29/18** (2006.01)

CPC (source: EP)  
**G08B 13/193** (2013.01); **G08B 29/183** (2013.01)

Cited by  
GB2574527A; GB2574527B; WO2018163068A1; US10902706B2; US11080974B2; US11776368B2

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 0167414 A1 20010913**; AU 2001242129 B2 20050120; AU 4212901 A 20010917; BR 0109092 A 20030603; BR PI0109092 B1 20150901; CA 2300644 A1 20010910; CA 2300644 C 20090714; DE 60140432 D1 20091224; EP 1264292 A1 20021211; EP 1264292 B1 20091111

DOCDB simple family (application)  
**CA 0100284 W 20010308**; AU 2001242129 A 20010308; AU 4212901 A 20010308; BR 0109092 A 20010308; CA 2300644 A 20000310; DE 60140432 T 20010308; EP 01914858 A 20010308