

Title (en)

Optical apparatus for passive infrared movement detector.

Title (de)

Optische Anordnung für einen passiven Infrarot-Bewegungsmelder.

Title (fr)

Dispositif optique pour la détection passive à rayonnement infrarouge de mouvement.

Publication

EP 0014825 A2 19800903 (DE)

Application

EP 80100101 A 19800109

Priority

DE 2904654 A 19790207

Abstract (en)

[origin: US4268752A] An optical arrangement for a passive infrared motion detector which has an infrared detector unit and a system for directing infrared radiation from at least two separate directions to be monitored onto the detector unit characterized by the system including a single focusing device and separate, flat reflecting surfaces or directing mirrors, which are arranged with at least one flat reflecting surface associated with each direction to be monitored to reflect a beam or solid angle of radiation from the direction onto the single focusing device which device will focus the radiation along a folded beam path to the detector unit.

Abstract (de)

Bei einer optischen Anordnung für einen passiven Infrarot-Bewegungsmelder wird vorgeschlagen, funktionell die Strahlenaufteilung (4 bis 10) für mehrere Sichtfelder und die Fokussierung (2,3) auf einen Detektor (1) zu trennen. Dadurch vermeidet die Strahlenaufteilung Überschneidungen der Strahlenbündel.

IPC 1-7

G08B 13/18; G02B 5/08

IPC 8 full level

G08B 13/193 (2006.01)

CPC (source: EP US)

G08B 13/193 (2013.01 - EP US); **Y10S 250/01** (2013.01 - EP)

Cited by

EP1336944A1; GB2302598B; FR2672144A1; FR2614984A1; GB2233470A; GB2233470B; EP0113468A3; AU610202B2; EP0020917B1; EP0050751B1

Designated contracting state (EPC)

AT BE CH FR GB IT LU NL SE

DOCDB simple family (publication)

EP 0014825 A2 19800903; **EP 0014825 A3 19810107**; BR 8000724 A 19801021; DE 2904654 A1 19800814; DK 51380 A 19800808; NO 794145 L 19800808; US 4268752 A 19810519

DOCDB simple family (application)

EP 80100101 A 19800109; BR 8000724 A 19800206; DE 2904654 A 19790207; DK 51380 A 19800206; NO 794145 A 19791218; US 4065279 A 19790521