

Title (en)
Infrared intrusion detector.

Title (de)
Infraroteindringdetektor.

Title (fr)
Détecteur d'intrusion à infrarouge.

Publication
EP 0361224 B1 19931103 (DE)

Application
EP 89117077 A 19890915

Priority
CH 350888 A 19880922

Abstract (en)
[origin: US4990783A] An infrared detector is described for monitoring a corridor like room having a plurality of focusing means for the collection of infrared radiation emitted by an intruder. The field of view of each focusing means is oriented so as to form a continuous field of coverage in the space to be monitored, without gaps or areas of limited sensitivity. Furthermore, the solid angle subtended by each focusing means is chosen so that the sum of the energy received from the intruder in the monitored area and focused onto the infrared sensor by the multiple focusing means is insensitive to and independent of the range of the intruder from the monitoring device.

IPC 1-7
G08B 13/193

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 US)

Cited by
WO0167414A1; AU2001242129B2; EP0691531A1; US6800854B2; EP0707294A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0361224 A1 19900404; EP 0361224 B1 19931103; AT E96928 T1 19931115; CA 1313239 C 19930126; CH 676642 A5 19910215; DE 58906096 D1 19931209; ES 2048253 T3 19940316; US 4990783 A 19910205

DOCDB simple family (application)
EP 89117077 A 19890915; AT 89117077 T 19890915; CA 612291 A 19890921; CH 350888 A 19880922; DE 58906096 T 19890915; ES 89117077 T 19890915; US 40914289 A 19890919