

Title (en)
Passive infrared movement detector

Title (de)
Passiv-Infrarot-Bewegungsmelder

Title (fr)
Détecteur passif de mouvement à infrarouge

Publication
EP 0647928 B1 19990407 (DE)

Application
EP 94113275 A 19940825

Priority
DE 4333707 A 19931002

Abstract (en)
[origin: EP0647928A1] A passive infrared movement detector for a detection range of at least 180 DEG comprises an infrared sensor (1) with mirror elements (2) and a Fresnel lens system in the form of a bent film (3) which forms, together with an electronic evaluation system, a structural unit on the printed circuit board (4). It is in this case essential for the invention that the infrared sensor is a two-element sensor (1) which has on mutually opposite sides in each case one infrared-sensitive surface (5) which covers the associated lateral region (6) directly and the front region (7) indirectly via a mirror (2) arranged on the two sides in front of the infrared-sensitive surfaces (5). <IMAGE>

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