

Title (en)

Method for processing passive infrared detector signals and infrared detector for carrying out the method

Title (de)

Verfahren zur Verarbeitung der Signale eines passiven Infrarot-Detektors und Infrarot-Detektor zur Durchführung des Verfahrens

Title (fr)

Procédé de traitement des signaux d'un détecteur passif à infrarouge et détecteur infrarouge pour la mise en oeuvre du procédé

Publication

EP 0646901 B1 19991027 (DE)

Application

EP 94113876 A 19940905

Priority

CH 297593 A 19931004

Abstract (en)

[origin: EP0646901A1] The infrared detector contains a sensor element (1) and, connected downstream therefrom, an evaluation circuit with an amplifier (3), an analog/digital converter (4) and a microcontroller (6). The microcontroller (6) contains a pulse-processing stage (5) where the digitised sensor signals are converted into pulses, and a fuzzy controller (7) to which these pulses are fed. In the fuzzy controller (7), in each case a plurality of sequential (successive) pulses are compared with rules which are stored in the form of linguistic variables. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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