

Title (en)

METHOD AND DEVICE FOR DETECTING FIRES BASED ON IMAGE ANALYSIS

Title (de)

VERFAHREN UND EINRICHTUNG ZUR ERKENNUNG VON FEUERN AUF DER GRUNDLAGE VON BILDANALYSE

Title (fr)

PROCEDE ET DISPOSITIF DE DETECTION DE FEUX BASE SUR L'ANALYSE D'IMAGES

Publication

EP 1364351 B1 20050629 (FR)

Application

EP 02711747 A 20020226

Priority

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- CH 3402001 A 20010226

Abstract (en)

[origin: US6937743B2] Method for automatically detecting fires, based on flame and/or smoke recognition by analyzing a sequence of images. The analysis is based on several image processing algorithms. One algorithm consists in comparing the frequency content of at least an image of said sequence with the frequency content of a reference image so as to detect an attenuation of high frequencies independently of variations on other portions of the spectrum.

IPC 1-7

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IPC 8 full level

G08B 13/194 (2006.01); **G08B 17/12** (2006.01)

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