

Title (en)

Method for fire prevention and/or detection, and monitoring system and computer product thereof

Title (de)

Verfahren zur Verhütung und/oder Feststellung von Bränden, Überwachungssystem und Computerprogramm dafür

Title (fr)

Procédé pour la détection et la prévention d'incendies, système de surveillance et produit informatique correspondant

Publication

EP 2264677 B1 20120530 (EN)

Application

EP 10165726 A 20100611

Priority

IT TO20090459 A 20090617

Abstract (en)

[origin: EP2264677A1] The present invention relates to a method for fire prevention and/or detection through a monitoring system (1) comprising: - a plurality of video cameras (10); - environmental detection means (20) for detecting some parameters relating to the area to be monitored; - a control unit (30) adapted to receive and analyse the data coming from said plurality of video cameras (10) and from said environmental detection means (20). The invention is characterized in that said control unit (30) implements the following steps: a) it controls the traverse for positioning said plurality of video cameras (10), said plurality of video cameras (10) comprising at least a first video camera (11) operating within the near infrared range (NIR), at least a second video camera (12) operating within the thermal infrared range (FIR), and at least a third video camera (13) operating within the ultraviolet range (UV), b) it selects the best performing video camera (11, 12, 13) among said plurality of video cameras (10) on the basis of a entropy value of an image obtained by each video camera (11, 12, 13) and as a function of the data detected by said detection means (20).

IPC 8 full level

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CPC (source: EP)

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Cited by

CN103903020A; CN108961647A; CN110097732A; CN108986379A; CN108806165A; CN112013250A; WO2015092693A1; US9990825B2; US9990824B2; US10497243B2; US10573145B2; US11257341B2

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