

Title (en)

Integrated system and method for security monitoring and early fire alarming

Title (de)

Integriertes System und Verfahren zur Sicherheitsüberwachung und Frühfeuermeldung

Title (fr)

Système intégré et procédé de surveillance de sécurité et avertissement précoce d'incendie

Publication

**EP 2492883 A1 20120829 (EN)**

Application

**EP 11175209 A 20110725**

Priority

CN 201110048231 A 20110225

Abstract (en)

The present application discloses an integrated system and method for security monitoring and early fire alarming based on infrared imaging technology, the system comprising: a plurality of infrared cameras respectively set up in a plurality of places where it needs to carry out security monitoring, used to capture infrared thermal images of the monitored area, and output related to the infrared images including temperature values of the monitored area infrared thermal image analog signals; a plurality of data process modules each of which respectively provided near one infrared camera to transform the infrared thermal image analog signals into digital infrared signals for standard network transmission; and a monitor computer used to generate and output control signals for the cameras, and used to receive the digital signals to analyze, process, manage and control thereon, and determine types of threats and send out an alarm according to the abnormal situations therein. The present application improves the flexibility and agility for security monitoring and early fire alarming and the accuracy in alarming.

IPC 8 full level

**G08B 13/196** (2006.01); **G08B 17/12** (2006.01); **G08B 19/00** (2006.01)

CPC (source: EP)

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Citation (search report)

- [XY] US 2005069207 A1 20050331 - ZAKRZEWSKI RADOSLAW ROMUALD [US], et al
- [Y] US 2010117839 A1 20100513 - LEE YEU YONG [KR]
- [A] US 2006255931 A1 20061116 - HARTSFIELD ANDREW J [US], et al
- [A] US 6246320 B1 20010612 - MONROE DAVID A [US]
- [A] WO 2005050971 A2 20050602 - OBJECTVIDEO INC [US], et al

Cited by

CN102564597A; CN112929413A; CN109889789A; CN112198514A; CN110989604A; CN111049911A; CN106200526A; CN112802298A; CN113466414A; CN115167579A; CN104318700A; CN109613401A; EP3965081A1; CN116403358A; CN107093302A; CN113793488A; CN115171316A; EP2984640A4; CN110858438A; CN112767639A; CN114212205A; CN117156234A; US11601605B2; WO2014169066A1; WO2020146766A1; US11017649B1; US11145186B2; US10366509B2; US11183042B2; US11727778B2; TWI660606B; US10574886B2; US10810845B2; US10964177B1; US11108954B2; US9886776B2; US10127686B2; USD968499S

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

DOCDB simple family (publication)

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