

Title (en)
Fire detection method and fire detection apparatus

Title (de)
Verfahren und Einrichtung zur Branderkennung

Title (fr)
Méthode et système de détection d'incendie

Publication
EP 1548677 B1 20080409 (DE)

Application
EP 04450236 A 20041222

Priority
AT 20652003 A 20031222

Abstract (en)
[origin: EP1548677A1] A camera takes a background picture representing a situation with no fire and stores it. Further processing excludes those pixels, among which the pixels for the background picture exceed a predefined brightness value. By relying on areas (L) of brightness, the number of pixels (n1-n4) are determined so as to form a luminescence histogram from a current picture. An independent claim is also included for a device for identifying magnesium fires.

IPC 8 full level
G08B 17/12 (2006.01)

CPC (source: EP)
G08B 17/125 (2013.01)

Cited by
CN108252741A; CN108194145A; CN108457699A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1548677 A1 20050629; EP 1548677 B1 20080409; AT 414055 B 20060815; AT A20652003 A 20051115; AT E391976 T1 20080415; DE 502004006764 D1 20080521

DOCDB simple family (application)
EP 04450236 A 20041222; AT 04450236 T 20041222; AT 20652003 A 20031222; DE 502004006764 T 20041222