

Title (en)
FIRE SENSOR APPARATUS.

Title (de)
FEUERMELDEGERÄT.

Title (fr)
DISPOSITIF DETECTEUR D'INCENDIE.

Publication
EP 0148949 A4 19880223 (EN)

Application
EP 84901398 A 19840329

Priority
JP 5390083 A 19830331

Abstract (en)
[origin: WO8403976A1] A fire sensor apparatus is provided with a fire sensor which has a built-in microcomputer and in which fire detection levels can be varied according to changes in environmental conditions (noise level) in the area in which it is installed. A signal from a sensor (1) is digitized in an A-D converter (3) and is input to a comparator (12). A CPU (5) determines the current time from a clock (4) and removes from a memory accumulated data on operating level and noise level at the corresponding time in the past. The CPU (5) sets an operating level for the time concerned by executing a predetermined calculation, and compares this operating level with the signal from the sensor (1). An abnormal state is indicated at (14) or the accumulated data is renewed, according to the result of the comparison. Thus it is possible to set an appropriate operating level according to changes in noise level, and fire detection can be effected with a suitable detection sensitivity.

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G08B 17/06; **G08B 17/10**

IPC 8 full level
G08B 17/00 (2006.01); **G08B 17/06** (2006.01)

CPC (source: EP)
G08B 17/00 (2013.01)

Citation (search report)
• [A] EP 0036276 A2 19810923 - HOCHIKI CO [JP]
• [A] FR 2380542 A1 19780908 - SECURITY PATROLS CO [JP]

Cited by
US5868729A; US5734335A; GB2206433A; GB2206433B; EP0751488A1; US5715177A; FR2708121A1; WO9109390A1

Designated contracting state (EPC)
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