

Title (en)
METHOD FOR RECOGNITION OF FIRE

Title (de)
VERFAHREN ZUR BRANDERKENNUNG

Title (fr)
PROCEDE DE RECONNAISSANCE D'INCENDIE

Publication
EP 1366477 B1 20050615 (DE)

Application
EP 02706665 A 20020205

Priority
• DE 0200404 W 20020205
• DE 10109362 A 20010227

Abstract (en)
[origin: WO02069297A1] A method for fire recognition is disclosed, serving to avoid false alarms, in which an alarm threshold is determined depending upon signal parameters received from at least one sensor signal. False alarms can thus be advantageously filtered out. The above is further improved by the establishment of an alarm interval, for which the alarm threshold must be exceeded, in order for an alarm to be recognised. Said alarm interval can also be adapted according to signal parameters. An upper and lower limit are set for both alarm interval and alarm threshold, in order to incorporate a certain security, such that the alarm interval and alarm threshold do not adopt values which would put a functioning of the fire alarm at risk. Several sensor signals may be used, whereby the signal parameters are then generated by linking the sensor signals. A light-scattering smoke detector, fitted with a labyrinth and a detector chamber is preferably used.

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G08B 29/18; **G08B 29/20**

IPC 8 full level
G08B 29/18 (2006.01); **G08B 29/20** (2006.01)

CPC (source: EP US)
G08B 29/188 (2013.01 - EP US); **G08B 29/20** (2013.01 - EP US)

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