

Title (en)  
Fire annunciating arrangement and method.

Title (de)  
Verfahren zur Brandmeldung und Brandmeldeanlage.

Title (fr)  
Méthode et installation d'avertissement d'incendie.

Publication  
**EP 0039761 A2 19811118 (DE)**

Application  
**EP 81101265 A 19810221**

Priority  
CH 364080 A 19800509

Abstract (en)  
[origin: US4405919A] A fire alarm installation possessing increased intelligence which enables differentiating between smoldering fires and fires having open or licking flames. This capability is obtained in that the fire alarm installation possesses two sensor elements working according to different functional principles and an evaluation circuit contains circuit elements which form the quotient of the signals received from both sensor elements. The different sensor elements can be united in a single fire alarm housing which simultaneously contains the evaluation circuit.

Abstract (de)  
Brandmeldeanlage mit erhöhter Intelligenz, die es ermöglicht, zwischen Schwelbränden und Bränden mit offenen Flammen zu unterscheiden. Dies wird dadurch erreicht, dass die Brandmeldeanlage zwei Fühlerelemente unterschiedlichen Funktionsprinzips aufweist und dass die Auswerteschaltung Schaltungselemente enthält, die den Quotienten der von den beiden Fühlerelementen erhaltenen Signale bilden. Die unterschiedlichen Fühlerelemente können in einem einzigen Brandmeldergehäuse vereinigt sein, welches gleichzeitig die Auswerteschaltung enthalten kann.

IPC 1-7  
**G08B 17/00**; **G08B 17/10**

IPC 8 full level  
**G01N 21/53** (2006.01); **G08B 17/00** (2006.01); **G08B 17/06** (2006.01); **G08B 17/10** (2006.01); **G08B 17/103** (2006.01); **G08B 17/113** (2006.01); **G08B 23/00** (2006.01); **G08B 25/00** (2006.01); **G08B 29/18** (2006.01)

CPC (source: EP US)  
**G08B 17/00** (2013.01 - EP US); **G08B 17/10** (2013.01 - EP US); **G08B 17/113** (2013.01 - EP US)

Cited by  
US5793295A; US5596314A; GB2178209A; GB2178209B; EP0818765A1; GB2142757A; GB2169734A; GB2169734B

Designated contracting state (EPC)  
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**EP 81101265 A 19810221**; JP 16092188 U 19881213; JP 6842781 A 19810508; US 25778381 A 19810427