

Title (en)  
Light scattering fire detector

Title (de)  
Streulichtbrandmelder

Title (fr)  
Détecteur d'incendie par lumière dispersée

Publication  
**EP 1022700 B1 20040303 (DE)**

Application  
**EP 00100651 A 20000113**

Priority  
DE 19902319 A 19990121

Abstract (en)  
[origin: EP1022700A2] A procedure for recognizing fires is based on the evaluation of scattered light signals that measures two angles of dispersion in a fire detector fitted with a scattered light system. A microprocessor in the fire detector gets an alarm value from scattered light signals through comparison with an alarm threshold.

IPC 1-7  
**G08B 17/107**

IPC 8 full level  
**G06K 9/00** (2006.01); **G08B 17/107** (2006.01)

CPC (source: EP US)  
**G08B 17/107** (2013.01 - EP US)

Cited by  
DE102007013295A1; US5211384A; DE102015117361A1; EP3096130A2; EP2839448B1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1022700 A2 20000726; EP 1022700 A3 20010411; EP 1022700 B1 20040303**; AT E261163 T1 20040315; DE 19902319 A1 20000727; DE 19902319 B4 20110630; DE 50005467 D1 20040408; DK 1022700 T3 20040405; ES 2215499 T3 20041016; HK 1028289 A1 20010209; PT 1022700 E 20040630; SI 1022700 T1 20040831; US 6218950 B1 20010417

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**EP 00100651 A 20000113**; AT 00100651 T 20000113; DE 19902319 A 19990121; DE 50005467 T 20000113; DK 00100651 T 20000113; ES 00100651 T 20000113; HK 00106190 A 20001017; PT 00100651 T 20000113; SI 200030392 T 20000113; US 48716400 A 20000119