

Title (en)
Light scattering fire detector

Title (de)
Streulichtbrandmelder

Title (fr)
Détecteur d'incendie par lumière dispersée

Publication
EP 1022700 A3 20010411 (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)

Citation (search report)
• [A] GB 2277589 A 19941102 - HOCHIKI CO [JP]
• [A] EP 0076338 A1 19830413 - GAMEWELL CORP [US]
• [A] EP 0530723 A1 19930310 - CERBERUS AG [CH]
• [A] GB 2230853 A 19901031 - NITTAN CO LTD [JP]
• [A] EP 0031096 A1 19810701 - HEIMANN GMBH [DE]

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