Title (en)

Operation method for an optical smoke detector and smoke detector for carrying out the method.

Title (de)

Verfahren zum Betrieb eines optischen Rauchmelders sowie Rauchmelder zur Durchführung des Verfahrens.

Title (fr)

Méthode d'opération d'un détecteur optique de fumée et détecteur de fumée pour la mise en oeuvre de la méthode.

Publication

EP 0360126 B1 19940216 (DE)

Application

EP 89116813 A 19890912

Priority

DE 3831654 A 19880917

Abstract (en)

[origin: EP0360126A2] Operation method for an optical smoke detector, in which in order to detect smoke at least one light- sensitive receiver measures the useful scattered radiation which proceeds from an element in space, which is situated in the region of intersection of the directed field of view of the light-sensitive receiver and the directed beam of a light source, in order to detect the extraneous scattered radiation generated by contamination of the measurement chamber the light- sensitive receiver or a second light-sensitive receiver detecting the radiation which proceeds from a surface element of the measurement chamber, characterised in that the reflection radiation of an illuminated surface element is measured. <IMAGE>

IPC 1-7

G08B 17/107; G08B 29/24

IPC 8 full level

G08B 17/107 (2006.01); **G08B 29/24** (2006.01)

CPC (source: EP US)

G08B 17/107 (2013.01 - EP US); **G08B 29/24** (2013.01 - EP US); G08B 17/113 (2013.01 - EP US)

Cited by

DE102009054141A1; CN110296959A; DE102004023524B3; DE10104861B4; EP0530723A1; US5381130A; EP3474249A3; EP2808669A1; CN105358962A; US9678008B2; US7209046B2; EP3916691A1; WO2014191550A1

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DOCDB simple family (publication)

EP 0360126 A2 19900328; **EP 0360126 A3 19910206**; **EP 0360126 B1 19940216**; **EP 0360126 B2 19990414**; AT E101739 T1 19940315; CA 1331649 C 19940823; DE 3831654 A1 19900322; DE 3831654 C2 19910613; DE 58906980 D1 19940324; ES 2049786 T3 19940501; ES 2049786 T5 19990816; US 5008559 A 19910416

DOCDB simple family (application)

EP 89116813 A 19890912; AT 89116813 T 19890912; CA 611586 A 19890915; DE 3831654 A 19880917; DE 58906980 T 19890912; ES 89116813 T 19890912; US 40328289 A 19890906