

Title (en)

FIRE DETECTOR WITH SEVERAL ANALYSIS VOLUMES

Title (de)

BRANDMELDER MIT MEHREREN UNTERSUCHUNGSVOLUMINA

Title (fr)

D TECTEUR D'INCENDIE POURVU DE PLUSIEURS VOLUMES D'ANALYSE

Publication

EP 1728224 B1 20120530 (DE)

Application

EP 04817371 A 20041123

Priority

- EP 2004053047 W 20041123
- DE 102004001699 A 20040113

Abstract (en)

[origin: WO2005069242A1] The invention relates to a fire detector (1) working according to the scattered radiation principle and comprising at least one radiation emitter (5.1,5.2,5.3) and at least one radiation receiver (6.1,6.2,6.3), whose radiation paths form a scattering volume (7.1,7.2,7.3). The fire detector (1) comprises, in addition to at least one first radiation emitter (5.1) and a first radiation receiver (6.1), at least one second radiation emitter (5.2) and a second radiation receiver (6.2) whose radiation paths form at least two locally distanced scattering volumes (7.1, 7.2).

IPC 8 full level

G08B 17/107 (2006.01); **G08B 29/18** (2006.01)

CPC (source: EP US)

G08B 17/107 (2013.01 - EP US); **G08B 29/24** (2013.01 - EP US); **G08B 29/26** (2013.01 - EP US); **G08B 17/113** (2013.01 - EP US)

Cited by

EP4102479A1; EP4358053A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 102004001699 A1 20050804; CN 100533497 C 20090826; CN 1902669 A 20070124; EP 1728224 A1 20061206; EP 1728224 B1 20120530; JP 2006526211 A 20061116; JP 4096020 B2 20080604; US 2008258925 A1 20081023; US 7978087 B2 20110712; WO 2005069242 A1 20050728

DOCDB simple family (application)

DE 102004001699 A 20040113; CN 200480040382 A 20041123; EP 04817371 A 20041123; EP 2004053047 W 20041123; JP 2006508318 A 20041123; US 58620804 A 20041123