

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 A1 20061206 (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)

Citation (search report)

See references of WO 2005069242A1

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