

Title (en)
Combined scattered light and extinction fire alarm

Title (de)
Kombinierter Streulicht- und Extinktionsbrandmelder

Title (fr)
Détecteur de feu optique fonctionnant par principe d'absorbance et diffusion combinée

Publication
EP 1783712 B1 20080507 (DE)

Application
EP 05110341 A 20051104

Priority
EP 05110341 A 20051104

Abstract (en)
[origin: EP1783712A1] The method involves monitoring a fire characteristic in the proximity of the ceiling according to a scattered light procedure using a sensor unit (1) of a fire alarm. A sensor unit (2) of the fire alarm transmits beam of coherent light towards a base of a structurally limited area and monitors another fire characteristic in a free area between the ceiling and a base of the limited area according to extinction procedure. An independent claim is also included for a fire alarm for a ceiling suspension, for monitoring a structurally limited area and for detecting the fire.

IPC 8 full level
G08B 17/103 (2006.01); **G08B 17/107** (2006.01)

CPC (source: EP US)
G08B 17/103 (2013.01 - EP US); **G08B 17/107** (2013.01 - EP US); **G08B 17/113** (2013.01 - EP US)

Cited by
CN113327397A; DE102019110336A1; DE102014019773A1; WO2008043451A3; DE102015004458A1; DE102014019172A1; WO2008043451A2; EP2043069A1; EP2423895B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1783712 A1 20070509; EP 1783712 B1 20080507; AT E394764 T1 20080515; CN 101300611 A 20081105; CN 101300611 B 20120704; DE 502005004043 D1 20080619; ES 2306025 T3 20081101; US 2008211681 A1 20080904; US 7817049 B2 20101019; WO 2007051820 A1 20070510

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EP 05110341 A 20051104; AT 05110341 T 20051104; CN 200680041117 A 20061102; DE 502005004043 T 20051104; EP 2006068036 W 20061102; ES 05110341 T 20051104; US 8978906 A 20061102