

Title (en)

Scattered-light smoke detector

Title (de)

Streulicht-Rauchmelder

Title (fr)

Détecteur de fumée à rayonnement dispersé

Publication

EP 1630759 B1 20071107 (DE)

Application

EP 04020577 A 20040831

Priority

EP 04020577 A 20040831

Abstract (en)

[origin: EP1630759A1] An opto-electronic structure measures first (SB) and second (SF) scattered signals at forward and backward angles of dispersion. Evaluatory electronics (12) determine an alarm value by relying on a difference in the scattered signals processed in advance. Their difference is handled with an application factor.

IPC 8 full level

G08B 17/107 (2006.01); **G08B 29/20** (2006.01); **G08B 29/24** (2006.01)

CPC (source: EP)

G08B 17/107 (2013.01); **G08B 29/24** (2013.01)

Cited by

EP1884904A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1630759 A1 20060301; **EP 1630759 B1 20071107**; AT E377817 T1 20071115; AT E382923 T1 20080115; DE 502004005437 D1 20071220; DE 502004005830 D1 20080214; ES 2297311 T3 20080501; ES 2299782 T3 20080601

DOCDB simple family (application)

EP 04020577 A 20040831; AT 04020577 T 20040831; AT 04023740 T 20041006; DE 502004005437 T 20040831; DE 502004005830 T 20041006; ES 04020577 T 20040831; ES 04023740 T 20041006