

Title (en)

Smoke detector and method for its operation

Title (de)

Brandmelder sowie Verfahren zum Betrieb eines Brandmelders

Title (fr)

Détecteur d'incendie, et méthode d'opération

Publication

**EP 1369836 B1 20051221 (DE)**

Application

**EP 02010414 A 20020508**

Priority

EP 02010414 A 20020508

Abstract (en)

[origin: EP1369836A1] The device has a measurement chamber, a transmitter and a signal processing unit with a receiver unit (1) for receiving radiation output by the transmitter and scattered by smoke or other aerosols and an alarm evaluation unit (3). The signal processing unit contains a control loop (5) with a regulating unit (4) and the control parameter for the control loop is superimposed on the output signal of the receiver unit. AN Independent claim is also included for the following: (a) a method of operating especially an inventive device.

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)

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

Cited by

CN111263958A; US11790751B2; WO2019089450A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1369836 A1 20031210**; **EP 1369836 B1 20051221**; AT E313836 T1 20060115; DE 50205343 D1 20060126; DK 1369836 T3 20060501; ES 2254552 T3 20060616

DOCDB simple family (application)

**EP 02010414 A 20020508**; AT 02010414 T 20020508; DE 50205343 T 20020508; DK 02010414 T 20020508; ES 02010414 T 20020508