

Title (en)

Fire alarm and method for detecting pollution

Title (de)

Brandmelder und Verfahren zur Erkennung von Verschmutzungen

Title (fr)

Détecteur d'incendie et procédé destiné à la reconnaissance d'impuretés

Publication

EP 2189956 B1 20130508 (DE)

Application

EP 08020315 A 20081121

Priority

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Abstract (en)

[origin: EP2189956A1] The method involves producing a characteristic acoustic field within a smoke alarm by activating a transducer (8). The characteristic acoustic field is produced by overlaying an acoustic wave emitted directly from the transducer. A physical dimension of an acoustic field, particularly amplitude and phase is measured at a position within the acoustic field in smoke alarm. An independent claim is included for a fire alarm suitable for execution of the method.

IPC 8 full level

G08B 17/10 (2006.01); **G08B 29/04** (2006.01); **G08B 29/14** (2006.01); **G08B 29/18** (2006.01)

CPC (source: EP)

G08B 17/10 (2013.01); **G08B 29/145** (2013.01); **G08B 17/113** (2013.01)

Cited by

DE102018000292A1; US10983103B2; CN112509271A; CN108431594A; JP2019510196A; CN113874699A; EP4212870A1; DE102021214823A1; US12008887B2; EP3916691A1; WO2017136559A1; DE202014002931U1; DE102014223111A1; US11927580B2; US10788458B2; US10788457B2; US11415562B2; EP4246483A1; WO2023174641A1; EP4057247A1

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