

Title (en)

Detector, method for operating a detector and test device for a detector

Title (de)

Melder, Testvorrichtung zum Prüfen eines Melders und Verfahren zum Betreiben eines Melders

Title (fr)

Détecteur, procédé pour le fonctionnement d'un détecteur et dispositif de test pour un détecteur

Publication

**EP 1286320 A3 20030423 (DE)**

Application

**EP 02017893 A 20020809**

Priority

DE 10139993 A 20010816

Abstract (en)

[origin: EP1286320A2] Alarm system (1) functionality is detected in the range of detection of the sensor (2). Gas or smoke are simulated by a medium, using a concentration profile other than that normally causing alarm. The concentration measurement signal from the sensor is put through a first, conventional filter, preferably of low-pass configuration. It is then subjected to a second filtering operation to detect the concentration pattern produced in the test. On its detection, an alarm state is registered. <??>An Independent claim is included for the corresponding alarm and test equipment.

IPC 1-7

**G08B 17/10**; **G08B 29/14**

IPC 8 full level

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

CPC (source: EP)

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

Citation (search report)

- [YA] US 5945924 A 19990831 - MARMAN DOUGLAS H [US], et al
- [DY] US 6198399 B1 20010306 - MATTIS MARTIN P [US]

Cited by

EP2711907A1; CN113763665A; EP3239949A1; US9922542B2; DE102021002143A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1286320 A2 20030226**; **EP 1286320 A3 20030423**; **EP 1286320 B1 20071107**; AT E377816 T1 20071115; DE 10139993 A1 20030313; DE 10139993 B4 20071025; DE 50211156 D1 20071220; ES 2295266 T3 20080416; PT 1286320 E 20080215

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