

Title (en)

Sensing air flow for verifying the functionality of a smoke chamber based fire detector.

Title (de)

Messung eines Luftstroms zur Prüfung der Einsatzfähigkeit eines Brandmelders mit Rauchkammer.

Title (fr)

Mesure du flux d'air permettant de contrôler l'état de bon fonctionnement d'un détecteur de type chambre à fumée.

Publication

**EP 2624229 B1 20170222 (DE)**

Application

**EP 12197665 A 20121218**

Priority

DE 102012201703 A 20120206

Abstract (en)

[origin: EP2624229A1] The automatic fire detector (1) has a housing (10) with a measuring chamber (11) for detection of smoke particles, and a sensor system for detecting a measurement variable for evaluating the operational capability of the automatic fire detector. An evaluation device is provided for evaluating the operational capability of the automatic fire detector on the basis of the measurement variable. The sensor system comprises a flow sensor for detecting the flow as the measurement variable for evaluating the operational capability of the automatic fire detector.

IPC 8 full level

**G08B 29/14** (2006.01); **G08B 29/04** (2006.01)

CPC (source: EP)

**G08B 29/043** (2013.01); **G08B 29/145** (2013.01); **G08B 17/113** (2013.01)

Cited by

DE102014019773A1; WO2024079510A1; US11609144B2; DE102015004458A1; DE102014019172A1; EP4246483A1; WO2023174641A1

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