

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

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2624229 A1 20130807; EP 2624229 B1 20170222; DE 102012201703 A1 20130808

DOCDB simple family (application)

EP 12197665 A 20121218; DE 102012201703 A 20120206