

Title (en)

Aspirating smoke detector and method of its operation

Title (de)

Ansaugender Brandmelder und Verfahren zu dessen Betrieb

Title (fr)

Détecteur de fumée à aspiration et méthode de son fonctionnement

Publication

EP 1638062 B1 20080625 (DE)

Application

EP 05019151 A 20050902

Priority

DE 102004044094 A 20040909

Abstract (en)

[origin: EP1638062A1] A fire alarm box (61) sucks air in via a system (64) of pipes for rooms and equipment to be monitored and examines this air for parameters which are characteristic of a fire. Volume flow in the system of pipes and the fire alarm box is measured and, after adjustment, is examined for a disconnection or obstructions by comparison with upper and lower limiting values (614). Preferably a correction value is determined for every detector with respect to temperature, air pressure, humidity and hermeticity. An independent claim is also included for a fire alarm box with a detector for the parameters of a fire for carrying out the method of the present invention.

IPC 8 full level

G08B 29/04 (2006.01); **G08B 17/10** (2006.01); **G08B 29/24** (2006.01)

CPC (source: EP)

G08B 17/10 (2013.01); **G08B 29/043** (2013.01); **G08B 29/24** (2013.01)

Cited by

EP2407946A1; WO2012007434A1; EP4109429A1; EP2469492A1; CN104903941A; AU2013351910B2; EP4092645A1; CN115376262A; CN102971772A; AU2011278441B2; WO2009132702A1; WO2014082122A3; US11704987B2; US11609144B2; US9384643B2; US9940806B2; US9134716B2

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DOCDB simple family (publication)

EP 1638062 A1 20060322; **EP 1638062 B1 20080625**; AT E399357 T1 20080715; DE 102004044094 A1 20060330; DE 502005004504 D1 20080807; ES 2309630 T3 20081216; PT 1638062 E 20080917

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