

Title (en)

Arrangement for detecting a smoke generation and/or a fire in a switch cabinet or the like for activating a fire alarm and method of operation thereof

Title (de)

Anordnung zur Erkennung einer Rauchentwicklung und/oder eines Brandes in einem Schaltschrank od. dgl. zwecks Auslösung eines Feueralarms und Betriebsverfahren für diese

Title (fr)

Dispositif pour détecter un dégagement de fumée et/ou d'incendie dans un tableau de distribution électrique ou similaire pour activer une alarme d'incendie puis méthode d'opération de celle-ci

Publication

EP 1413997 B1 20090114 (DE)

Application

EP 03024154 A 20031020

Priority

DE 20216308 U 20021022

Abstract (en)

[origin: EP1413997A2] The arrangement has a sensor for detecting a generally slowly changing state parameter, especially for detecting smoke and/or a raised temperature. The sensor or its housing has an arrangement for preferably shape-locking fixing to a bearer or mounting element for low voltage switching devices, preferably a mounting rail, and an output for transferring information. AN Independent claim is also included for the following: (a) a method of operating an inventive arrangement for recognizing smoke generation and/or fire in a switch box or similar for triggering a fire alarm.

IPC 8 full level

G08B 17/00 (2006.01); **G08B 17/10** (2006.01); **G08B 25/00** (2006.01); **G08B 25/04** (2006.01)

CPC (source: EP)

G08B 17/10 (2013.01); **G08B 17/113** (2013.01); **G08B 25/04** (2013.01)

Cited by

EP2380154A4; EP2747533A1; EP2400608A3; CN110363951A; CN114220239A; EP2043066A1; CN107785845A; US9970912B2; US7796047B2; WO2007051517A1; WO2014052340A1; US8154415B2; DE102012020127A1; WO2014059959A1; WO2008110785A3

Designated contracting state (EPC)

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AL LT LV MK

DOCDB simple family (publication)

EP 1413997 A2 20040428; **EP 1413997 A3 20060215**; **EP 1413997 B1 20090114**; AT E421131 T1 20090115; DE 20316240 U1 20040408; DE 50311081 D1 20090305; DK 1413997 T3 20090427

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