

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 A3 20060215 (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)

Citation (search report)

- [X] DE 20009578 U1 20010104 - BUERGER UDO [DE]
- [Y] US 5714938 A 19980203 - SCHWABL ALPHONSE [CA]
- [Y] US 5629831 A 19970513 - EGGERT GERHARD [DE], et al
- [A] US 6317053 B1 20011113 - SEELIGER HANS-DIETER [DE], et al

Cited by

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

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**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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