

Title (en)

Combined heat and smoke detector

Title (de)

Kombinierter Wärme- und Rauchdetektor

Title (fr)

Détecteur combiné de chaleur et de fumée

Publication

**EP 2402920 A2 20120104 (EN)**

Application

**EP 11171928 A 20110629**

Priority

JP 2010148833 A 20100630

Abstract (en)

A combined heat and smoke detector is provided. A housing is comprised of a body base and a body case covering an entire upper side of the body base. A circuit substrate is mounted on a top surface of the body base and disposed inside the housing. A smoke detecting portion configured to detect smoke flowing into a dark chamber and a plurality of heat detecting means for detecting heat are disposed inside the housing. The heat detecting means are arranged lateral to the dark chamber.

IPC 8 full level

**G08B 17/06** (2006.01); **G08B 17/103** (2006.01)

CPC (source: EP)

**G08B 17/06** (2013.01); **G08B 17/103** (2013.01); **G08B 17/113** (2013.01)

Citation (applicant)

- JP 2001014570 A 20010119 - NITTAN CO LTD
- JP 2001266265 A 20010928 - NITTAN CO LTD

Cited by

CN111587006A; EP3866130A4; CN113994402A; EP2953103A1; CN111587007A; DE102014019773A1; US11074796B2; DE102015004458A1; DE102014019172A1; TWI788369B; US11195399B2; US11694532B2; US11790746B2; US9970912B2; US10621845B2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2402920 A2 20120104**; **EP 2402920 A3 20170111**; **EP 2402920 B1 20180912**; CN 102314743 A 20120111; CN 102314743 B 20150624; JP 2012014330 A 20120119; JP 5484219 B2 20140507

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