

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 A3 20170111 (EN)**

Application  
**EP 11171928 A 20110629**

Priority  
JP 2010148833 A 20100630

Abstract (en)  
[origin: EP2402920A2] 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 (search report)

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- [X] US 2003020617 A1 20030130 - TICE LEE D [US], et al
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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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 11171928 A 20110629**; CN 201110179778 A 20110628; JP 2010148833 A 20100630