

Title (en)  
Composite fire detector

Title (de)  
Verbundbrandmelder

Title (fr)  
Détecteur d'incendie composite

Publication  
**EP 2908301 B1 20190424 (EN)**

Application  
**EP 15154598 A 20150211**

Priority  
JP 2014024704 A 20140212

Abstract (en)  
[origin: EP2908301A1] A composite fire detector (1) includes: a housing (3); a carbon monoxide detector (4) configured to detect carbon monoxide; a smoke detector (5) configured to detect smoke; and a heat detector (6) configured to detect heat. The carbon monoxide detector (4), the smoke detector (5) and the heat detector (6) are arranged at different heights in the housing (3). A periphery of the housing (3) is shaped like a circle. The housing (3) is formed with: carbon monoxide inlets (37) arranged at regular intervals in a peripheral direction of the housing (3); smoke inlets (38) arranged at regular intervals in the peripheral direction of the housing (3); and heat inlets (39) arranged at regular intervals in the peripheral direction of the housing (3).

IPC 8 full level  
**G08B 29/18** (2006.01); **G08B 17/107** (2006.01); **G08B 17/117** (2006.01)

CPC (source: EP)  
**G08B 17/107** (2013.01); **G08B 17/113** (2013.01); **G08B 17/117** (2013.01); **G08B 29/183** (2013.01)

Citation (examination)

- WO 2009058109 A1 20090507 - UTC FIRE & SECURITY CORP [US], et al
- US 2007222627 A1 20070927 - CHEN DONG-LIANG [TW], et al
- US 6307478 B1 20011023 - THOMPSON NAT [US]
- JP 2008225869 A 20080925 - YAZAKI CORP

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EP3866130A4; CN117558098A; EP3779908A4; EP3843057A1; US11790746B2; US11244551B2; EP3514774A4; US11975228B2

Designated contracting state (EPC)  
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

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