

Title (en)  
Composite fire detector

Title (de)  
Verbundbrandmelder

Title (fr)  
Détecteur d'incendie composite

Publication  
**EP 2908301 A1 20150819 (EN)**

Application  
**EP 15154598 A 20150211**

Priority  
JP 2014024704 A 20140212

Abstract (en)  
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 (applicant)  
JP H07254096 A 19951003 - MATSUSHITA ELECTRIC WORKS LTD

Citation (search report)  
• [X] GB 2487560 A 20120801 - THORN SECURITY [GB]  
• [Y] EP 2549453 A1 20130123 - HOCHIKI CO [JP]  
• [Y] US 4168438 A 19790918 - MORISUE KAZUSHIGE  
• [A] WO 2008051731 A1 20080502 - 3M INNOVATIVE PROPERTIES CO [US]

Cited by  
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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2908301 A1 20150819; EP 2908301 B1 20190424**; JP 2015153026 A 20150824; JP 6350934 B2 20180704

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