

Title (en)  
Ring shaped auxiliary light source

Title (de)  
Ringförmige Hilfslichtquelle

Title (fr)  
Source lumineuse auxiliaire en forme annulaire

Publication  
**EP 2407949 A1 20120118 (DE)**

Application  
**EP 11008070 A 20080814**

Priority  
• EP 08014521 A 20080814  
• DE 102007039401 A 20070821

Abstract (en)  
The smoke detector (1) has a detection unit for detecting pollution of smoke inlet openings (10). An auxiliary light source is mounted outside of the smoke detector. The auxiliary light source is guided into the smoke inlet openings as a ring-shaped light guide (13). A light is emitted in the smoke inlet openings, where another ring-shaped light guide (16) is moved inside the smoke detector.

Abstract (de)  
Bei der Erfindung handelt es sich um einen Streulichrauchmelder, der bei einem Selbsttest die Verschmutzung von Raucheintrittsöffnungen und einem Insektengitter erkennt.

IPC 8 full level  
**G08B 29/14** (2006.01)

CPC (source: EP)  
**G08B 5/36** (2013.01); **G08B 17/107** (2013.01); **G08B 17/113** (2013.01); **G08B 17/12** (2013.01); **G08B 29/145** (2013.01)

Citation (applicant)  
• EP 0503167 B1 19950614 - MATSUSHITA ELECTRIC WORKS LTD [JP]  
• JP H02227800 A 19900910 - HOCHIKI CO  
• DE 10110231 A1 20020926 - BOSCH GMBH ROBERT [DE]

Citation (search report)  
• [A] EP 0503167 A1 19920916 - MATSUSHITA ELECTRIC WORKS LTD [JP]  
• [A] JP H02227800 A 19900910 - HOCHIKI CO  
• [A] EP 1783713 A1 20070509 - SIEMENS SCHWEIZ AG [CH]  
• [A] EP 0940788 A2 19990908 - BOSCH GMBH ROBERT [DE]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2028631 A2 20090225; EP 2028631 A3 20091118; EP 2028631 B1 20111026**; AT E531018 T1 20111115; DE 102007039401 A1 20090226; DE 102007039401 B4 20120712; EP 2405412 A1 20120111; EP 2407949 A1 20120118; EP 2407949 B1 20130522

DOCDB simple family (application)  
**EP 08014521 A 20080814**; AT 08014521 T 20080814; DE 102007039401 A 20070821; EP 11008070 A 20080814; EP 11008071 A 20080814