

Title (en)  
Optical smoke detector

Title (de)  
Optischer Rauchmelder

Title (fr)  
Déecteur optique de fumée

Publication  
**EP 1258848 B1 20090902 (DE)**

Application  
**EP 02009657 A 20020429**

Priority  
DE 20108451 U 20010519

Abstract (en)  
[origin: EP1258848A2] An optical smoke detector has a housing which can be mounted on the ceiling (20) of a room, a measurement chamber (54) between a lower, approximately horizontal housing wall (61), and a partitioning wall (55) which has an optical measurement path and lateral openings for entry of ambient air. A circuit board (58) is arranged spaced from, and above the partitioning wall (55) and contains, besides an electronic circuit, the optical elements (59,60) for the measurement path. A central opening (69) is provided in the partitioning wall (55) and a sound source (67) is joined via conduction lines to the circuit board (58).

IPC 8 full level  
**G08B 17/107** (2006.01); **G08B 3/10** (2006.01); **G08B 17/10** (2006.01)

CPC (source: EP)  
**G08B 3/10** (2013.01); **G08B 17/10** (2013.01); **G08B 17/113** (2013.01)

Cited by  
EP1683124A4; GB2421620A; EP2804159A1; FR3005772A1; DE102014019773A1; US11961380B2; US9970912B2; DE102015004458A1; DE102014019172A1; WO2019234376A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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