

Title (en)
Optical smoke detector

Title (de)
Optischer Rauchmelder

Title (fr)
Détecteur optique de fumée

Publication
EP 1258848 A3 20030521 (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 1-7
G08B 17/107

IPC 8 full level
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)

Citation (search report)

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- [X] US 4388617 A 19830614 - NAKANISHI YOSHITAKA [JP], et al
- [A] US 4897634 A 19900130 - SAWA HIROSHI [JP], et al
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- [A] US 5596314 A 19970121 - GOLDSTEIN MARK K [US]
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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1258848 A2 20021120; **EP 1258848 A3 20030521**; **EP 1258848 B1 20090902**; AT E441911 T1 20090915; DE 20108451 U1 20021002; DE 50213808 D1 20091015

DOCDB simple family (application)
EP 02009657 A 20020429; AT 02009657 T 20020429; DE 20108451 U 20010519; DE 50213808 T 20020429