

Title (en)
SMOKE DETECTOR

Title (de)
RAUCHMELDER

Title (fr)
DETECTEUR DE FUMEE

Publication
EP 1012805 A1 20000628 (DE)

Application
EP 98928058 A 19980324

Priority
• DE 9800857 W 19980324
• DE 19741853 A 19970923

Abstract (en)
[origin: US6239710B1] A smoke alarm on the scattered radiation principle. Having a measuring field (5), accessible to smoke particles, in a measuring chamber, at which field the radiation direction of a radiation transmitter (6) is aimed, and scattered radiation occurring in the measuring field (5) can be received by a radiation receiver (7); the measuring chamber includes a portion of the hollow ellipsoid (3) which is mirror-coated on the inside; the measuring field (5) is disposed at the first focal point (1) of the hollow ellipsoid; the radiation receiver (7) is disposed at the second focal point (2) of the hollow ellipsoid (3).

IPC 1-7
G08B 17/107

IPC 8 full level
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US 44587899 A 19991214; AT 98928058 T 19980324; AU 8007498 A 19980324; CN 98806808 A 19980324; DE 19741853 A 19970923; DE 59804533 T 19980324; DE 9800857 W 19980324; EP 98928058 A 19980324; ES 98928058 T 19980324; JP 2000513256 A 19980324