

Title (en)

Method for sensing and reporting of condensation in smoke detectors

Title (de)

Verfahren zur Erfassung und Meldung von Betauungen in Rauchmeldern

Title (fr)

Méthode pour la détection et l'annoncer de la condensation dans des détecteurs de fumée

Publication

**EP 1596349 B1 20060719 (DE)**

Application

**EP 05008953 A 20050423**

Priority

DE 102004023524 A 20040513

Abstract (en)

[origin: DE102004023524B3] The smoke and mist detector device (10) has a closed chamber (14) with grilles at the ends (15,16) to admit smoke. A circuit board (18) at the bottom of the chamber supports a box (22) with an opening (24), containing a photosensor (20). A LED (28) for indirect illumination of the chamber is mounted under a chamfered opening (26) in the circuit board. Light from the LED may reach the photosensor by being scattered from smoke and mist particles. There is a temperature sensor (30) adjacent to the chamfered opening in the circuit board.

IPC 8 full level

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CPC (source: EP US)

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