

Title (en)  
Optical smoke detector in form of a cuboid.

Title (de)  
Quaderförmiger optischer Rauchmelder.

Title (fr)  
Détecteur optique de fumées en forme de cube.

Publication  
**EP 0296634 B1 19940420 (DE)**

Application  
**EP 88110207 A 19880627**

Priority  
DE 8708891 U 19870626

Abstract (en)  
[origin: EP0296634A2] In the smoke detector according to the invention having a housing component, housing cover and lower photocarrier, as well as having a circuit board, components, an upper photocarrier, labyrinth and signalling cover, the housing component, the housing cover and the lower photocarrier are constructed as an integral housing (10), the housing (10) being formed in the region of the photoelements for the direct reception of a transmitting and/or receiving diode (11, 12) and being of trough-shaped construction in the region of the circuit board (13) for components (16, 17, 18) for the purpose of receiving a sealing compound (22). In the housing (10) a recess (23) for at least one balancing resistor (19), which can be soldered in, is provided on the outside of the trough-shaped area and cannot be reached by the sealing compound. In addition, in each case an outwardly pointing mounting flange (14) is formed on two opposite narrow sides of the housing (10). <IMAGE>

IPC 1-7  
**G08B 17/107**; **G08B 17/10**

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

CPC (source: EP)  
**G08B 17/107** (2013.01); **G08B 17/113** (2013.01)

Cited by  
US7553071B2; WO0178031A1

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