

Title (en)
Smoke detector

Title (de)
Rauchmelder

Title (fr)
Détecteur de fumée

Publication
EP 0821330 B1 20020904 (DE)

Application
EP 96111751 A 19960722

Priority
EP 96111751 A 19960722

Abstract (en)
[origin: EP0821330A1] The smoke detector has a fixing socket in which a detector insert with an optical module is fitted. The optical module has a light source (6) and a photodetector (7) contained within a measuring chamber having a base (11). The module further has a labyrinth system provided by plates (9) projecting inwards from the periphery of the measuring chamber. The base of the measuring chamber has a conical or pyramid shape so that its centre lies at a greater distance from the plane containing the light source and the photodetector than its periphery.

IPC 1-7
G08B 17/107

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

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

Cited by
EP3699882A1; EP1376504A1; EP1768074A1; US7365846B2; WO2004001693A1; EP1732049A1; US7463159B2; US7760102B2

Designated contracting state (EPC)
AT BE CH DE ES FI FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0821330 A1 19980128; EP 0821330 B1 20020904; AT E223604 T1 20020915; AU 3332797 A 19980210; AU 725418 B2 20001012; CN 1135511 C 20040121; CN 1198236 A 19981104; DE 59609625 D1 20021010; ES 2183899 T3 20030401; KR 100467130 B1 20050602; KR 20000064238 A 20001106; PL 184244 B1 20020930; PL 325921 A1 19980817; RU 2189080 C2 20020910; UA 42086 C2 20011015; WO 9803946 A1 19980129; ZA 975811 B 19980204

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