

Title (en)
Optical smoke detector

Title (de)
Optischer Rauchmelder

Title (fr)
Détecteur de fumée optique

Publication
EP 0926646 B1 20040512 (DE)

Application
EP 97122894 A 19971224

Priority
EP 97122894 A 19971224

Abstract (en)
[origin: EP0926646A1] The smoke detector has an alarm insert (2), an optical module (1) and an evaluation circuit, whereby the optical module has a light source (4), a measurement chamber (3) and a light receiver (5) connected to the evaluation circuit. The light source is designed to emit a beam in the visible wavelength range. The wavelength of the light emitted by the light source lies in the range of blue or red light and is pref. 460 or 660 nm.

IPC 1-7
G08B 17/107

IPC 8 full level
G08B 17/107 (2006.01)

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

Cited by
EP1087352A1; AU775466B2; EP1701161A3; CN111795951A; EP1103937A1; CZ301163B6; DE19902319B4; EP3029647A1; US11151853B2; US11145177B2; US11127270B2; US9666048B2; WO0150432A1; WO2020064935A1; US11506590B2; EP1701161A2; US7791056B2; WO2018089660A1; EP1732049A1; US7463159B2; US7760102B2; US7365846B2; DE102015117361A1; EP3096130A2; US10957176B2; US11132883B2; EP3029647B1

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

DOCDB simple family (publication)
EP 0926646 A1 19990630; EP 0926646 B1 20040512; EP 0926646 B8 20040922; AT E284603 T1 20040515; DE 59711621 D1 20040617; DK 0926646 T3 20040920; ES 2221946 T3 20050116; PT 926646 E 20041029

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