

Title (en)
Smoke detector

Title (de)
Rauchmelder

Title (fr)
Détecteur de fumée

Publication
EP 0707207 B1 20050209 (DE)

Application
EP 95113253 A 19950823

Priority
DE 9416314 U 19941010

Abstract (en)
[origin: EP0707207A2] The smoke detector has a housing enclosing a detection chamber (2) which is provided by a replaceable insert, incorporating a smoke sensor (4,5) and an electrical adaption circuit (6). The electronic signal evaluation and alarm activation circuit (3) is contained within the smoke detector housing, with the adaption circuit coupled to it via an interface circuit for transfer of the smoke sensor signals. The housing pref. has a fixed upper part (1) and a removable lower part (9) between which the detection chamber insert is fitted, with the evaluation and alarm activation circuit contained in the lower part.

IPC 1-7
G01N 21/59; **G01N 21/51**; **G01N 21/03**; **G08B 17/107**

IPC 8 full level
G01N 21/03 (2006.01); **G01N 21/51** (2006.01); **G01N 21/59** (2006.01); **G08B 17/107** (2006.01)

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

Citation (examination)
• DE 2130889 A1 19720203 - CERBERUS AG
• DE 2652970 A1 19780524 - BEYERSDORF HARTWIG ING GRAD
• FR 2524179 A2 19830930 - HUGON EMILE [FR]
• DE 2250820 A1 19730426 - SECURITAS AB BEVAKNINGS
• EP 0349403 A2 19900103 - HUGON EMILE
• US 4672217 A 19870609 - DOBRZANSKI JOHN J [US]
• DE 2205797 A1 19720824 - LANGERON R

Cited by
FR2813428A1; KR100453489B1; US9970912B2; US11887450B2

Designated contracting state (EPC)
AT BE CH DE ES FR IT LI LU NL PT

DOCDB simple family (publication)
EP 0707207 A2 19960417; **EP 0707207 A3 19980513**; **EP 0707207 B1 20050209**; AT E289062 T1 20050215; CN 1133461 A 19961016; DE 59510989 D1 20050317; DE 9416314 U1 19941201

DOCDB simple family (application)
EP 95113253 A 19950823; AT 95113253 T 19950823; CN 95116160 A 19951010; DE 59510989 T 19950823; DE 9416314 U 19941010