

Title (en)  
SMOKE DETECTOR OPERATING WITH SCATTERED RADIATION

Publication  
**EP 0020674 B1 19830525 (DE)**

Application  
**EP 80900014 A 19800701**

Priority  
• CH 1300078 A 19781221  
• CH 1300178 A 19781221

Abstract (en)  
[origin: WO8001326A1] Smoke detector particularly provided for fire alarm with a radiation source (5) having a conical radiation diagram and a radiation receiver (R) located onto the axis but out of reach of the direct radiation which collects the radiation diffused within the conical annular area (C). To limit the parasite light falling onto the receiver, the radiation area (C) is defined by elements located outside the direct collecting area of the receiver for example, in the radiation direction, by pieces (S) located behind the collecting surface and laterally by screens (B, K) of which the edges are concealed by another screen (B'), of the radiation receiver.

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

IPC 8 full level  
**G01N 21/53** (2006.01); **G08B 17/10** (2006.01); **G08B 17/107** (2006.01)

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

Cited by  
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Designated contracting state (EPC)  
AT DE FR GB NL SE

DOCDB simple family (publication)  
**WO 8001326 A1 19800626**; AU 512930 B2 19801106; AU 5206679 A 19800626; CA 1115377 A 19811229; DE 2965556 D1 19830707; DK 150045 B 19861124; DK 150045 C 19870511; DK 357680 A 19800820; EP 0020674 A1 19810107; EP 0020674 B1 19830525; IT 1124404 B 19860507; IT 7912865 A0 19791212; JP S55501074 A 19801204; NO 149751 B 19840305; NO 149751 C 19840620; NO 794195 L 19800624; US 4269510 A 19810526

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