

Title (en)  
Smoke sensing device

Title (de)  
Vorrichtung zur Erkennung von Rauch

Title (fr)  
Dispositif pour détecter de la fumée

Publication  
**EP 1039426 A3 20010131 (DE)**

Application  
**EP 00105832 A 20000320**

Priority  
• DE 19912911 A 19990322  
• DE 19951403 A 19991026

Abstract (en)  
[origin: EP1039426A2] Detector has transmitter (2) and receiver (3), each with covering (5,7). Covering allows beam (6) through from transmitter and reflected beam (8). When smoke (1) occurs in monitored area, beam emitted from transmitter is reflected on smoke and measured by receiver. Intensity of reflection indicates density of smoke and distance of smoke from device is detected from angle of incidence.

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)

Citation (search report)  
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• [Y] CH 571750 A5 19760115 - NOHMI BOSAI KOGYO CO LTD  
• [A] EP 0556898 A1 19930825 - ARITECH BV [NL]  
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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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