

Title (en)
Smoke sensing device

Title (de)
Vorrichtung zur Erkennung von Rauch

Title (fr)
Dispositif pour détecter de la fumée

Publication
EP 1039426 A2 20000927 (DE)

Application
EP 00105832 A 20000320

Priority
• DE 19912911 A 19990322
• DE 19951403 A 19991026

Abstract (en)
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.

Abstract (de)
Bei einer Vorrichtung zur Erkennung von Rauch beispielsweise in einem Raum, soll ein Sender (2) zum Aussenden einer von dem Rauch (1) reflektierbaren Strahlung und ein die vom Rauch reflektierte Strahlung erkennender Empfänger (3) vorgesehen sein. <IMAGE>

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
DE102015004458B4; EP1191496A1; EP2844984A4; DE102016208357A1; WO2021155920A1; US11062586B2; US7969321B2; US11493229B2; WO2017190770A1; WO2005124710A1; WO2018226593A1; EP2093732A1; EP2093733A1; EP2093734A1; US8587442B2; WO2017194367A1; US10467874B2; EP3029647A1; US9666048B2; EP2899517B1; EP3029647B1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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