

Title (en)

Smoke detector with device adjacent to a reflector for selecting a light beam

Title (de)

Rauchmelder mit Vorrichtung an einem Reflektor zum Selektieren eines Lichtstrahles

Title (fr)

Détecteur de fumée avec dispositif adjacent à un réflecteur pour sélectionner un faisceau lumineux

Publication

EP 1983495 B1 20091021 (FR)

Application

EP 08103541 A 20080415

Priority

FR 0754607 A 20070420

Abstract (en)

[origin: EP1983495A1] The detector (2) has a transmitter (4) transmitting light beams, and a receiver (8) e.g. photodiode, receiving the beams reflected by a reflector (6) e.g. retro-reflector. An exploitation circuit (11) receives characteristic signals of the transmitted and received beams, and generates a smoke detection signal based on the signals. A mask (12) is placed adjacent to the reflector and selects the beams having a transmission direction (E) belonging to a predefined angular range in a given axial plane. The mask is made of opaque plastic material, and has an absorption unit and tubes (14).

IPC 8 full level

G08B 17/103 (2006.01)

CPC (source: EP US)

G08B 17/103 (2013.01 - EP US); **G08B 17/113** (2013.01 - EP US)

Cited by

EP3009999A1; FR3027438A1

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DOCDB simple family (publication)

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