

Title (en)  
Recessed smoke or heat detector

Title (de)  
Eingebauter Rauch- bzw. Wärmemelder

Title (fr)  
Décteur encastré de fumée ou chaleur

Publication  
**EP 2500639 A2 20120919 (EN)**

Application  
**EP 12160117 A 20120319**

Priority  
GB 201104559 A 20110317

Abstract (en)  
A recessed smoke and/or heat detector (1) for mounting in a ceiling panel (7) is disclosed. The disclosed detector comprises a detection sensor that is mounted within a housing (2), the housing being configured to be pushed through a hole cut in a ceiling panel to project into a ceiling void above. The housing is open at its lower end (3) to allow smoke and/or heat from a room below to reach the detection sensor in use. The recessed detector comprises a reflector that extends from the lower end of the housing towards an upper end (4), the reflector having an internal, light-reflecting surface (17) that converges from an open, lower end (16) towards a top of the reflector (19). The detection sensor and a light source (22), which is configured to produce emergency lighting to the room below, are positioned within a space defined by the internal surface of the reflector. An audible alarm device for emitting an alarm warning sound in the event that a fire is detected may also be positioned within the reflector.

IPC 8 full level  
**F21V 23/04** (2006.01); **F21S 8/02** (2006.01); **F21V 7/00** (2006.01); **F21V 33/00** (2006.01); **G08B 17/00** (2006.01); **G08B 17/10** (2006.01); **F21V 21/04** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP GB US)  
**F21S 8/02** (2013.01 - GB); **F21S 8/026** (2013.01 - EP); **F21V 7/00** (2013.01 - EP); **F21V 7/06** (2013.01 - EP GB); **F21V 21/04** (2013.01 - EP); **F21V 23/04** (2013.01 - EP); **F21V 23/0442** (2013.01 - EP GB); **F21V 33/0076** (2013.01 - EP GB US); **G08B 17/10** (2013.01 - EP GB); **G08B 17/113** (2013.01 - EP); **F21V 21/041** (2013.01 - EP); **F21Y 2115/10** (2016.08 - EP US)

Citation (applicant)  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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DOCDB simple family (application)  
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