

Title (en)
Smoke detector devices and detector circuit.

Title (de)
Rauchfühler und Schaltungsanordnung.

Title (fr)
Détecteur de fumée et circuit détecteur.

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Application
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Abstract (en)
A smoke detector device comprises a housing (30) adapted to be mounted below an existing ceiling rose fitting (32) and to be clamped to an electrical flex (38) passing therethrough. The housing (30) encloses a smoke detector circuit formed on a printed circuit board (62), a battery (48) and an alarm sounder (50). The device is intended particularly for use in domestic environment, and is intended unobtrusive and inexpensive. An alternative embodiment includes a housing adapted to replace existing ceiling rose fittings; A novel photoelectric-type detector circuit, incorporating an integrated circuit and high intensity light emitting diode, is also described, which again is intended to be compact and inexpensive.

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Cited by
US7142123B1; US9723559B2; EP1909540A3; EP2091031A1; GB2486392A; GB2312312A; GB2312312B; US7109874B2; US7102505B2; US7102504B2; US9823632B2; US6362726B1; WO02073558A3; WO2005057989A1; WO9838608A1; US7228726B2; US10458404B2; US9765979B2; US10060636B2; US10443863B2; US7042352B2; US9876346B2; US10352602B2; WO0021047A1; WO9919666A1; US7218237B2; US10425877B2; US10663443B2; US10813030B2; US7199701B2; US7403097B2; US9703287B2; US10234854B2; US10884403B2; US9638436B2; US10274945B2; US10664792B2; US11308440B2; US9669498B2; US9803902B2; US9885507B2; US10335906B2; US10488090B2; US10775084B2; US7343751B2; US7460006B2; US7275377B2; US7331187B2; US7114343B2; US7201006B2; US7244294B2; US10558229B2; US7142107B2; US7424343B2; US9762168B2; US9860839B2; US9872249B2; US9955423B2; US10015743B2; US10229586B2; US10395513B2; US10565858B2; US10573166B2; US10861316B2

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