Title (en)

    Tamper-proofing for a fire detector

Title (de)

    Manipulationssicherung eines Brandmelders

Title (fr)

    Prévention contre la manipulation abusive d'un détecteur de feu

Publication

    EP 1783713 A1 20070509 (DE)

Application

    EP 05110342 A 20051104

Priority

    EP 05110342 A 20051104

Abstract (en)

The method involves connecting a light exit window (AF) and a light entry window of a cover plate (AP) with a light conducting unit (LL) such that light from a light source of one of two sensor units (SE1, SE2) of a fire alarm (BM) is received with a photo receiver of another sensor unit of the alarm. The light conducting unit is coated with a light reflecting material, and the cover plate is made up of plastic, metal and/or wood. The alarm is fixed on a cover of a constructionally limited space. An independent claim is also included for a fire alarm for differentiating fire from a manipulation of the fire alarm.

IPC 8 full level

    G08B 17/107 (2006.01); **G08B 29/04** (2006.01)

CPC (source: EP US)

    G08B 17/107 (2013.01 - EP US); **G08B 29/043** (2013.01 - EP US); **G08B 29/046** (2013.01 - EP US); G08B 17/113 (2013.01 - EP US)

Citation (search report)

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- [A] US 4769550 A 19880906 - DOLNICK EARL M [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 005, no. 173 (P - 087) 5 November 1981 (1981-11-05)

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Designated contracting state (EPC)

    AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

    AL BA HR MK YU

DOCDB simple family (publication)

    EP 1783713 A1 20070509; **EP 1783713 B1 20080528**; AT E397261 T1 20080615; CN 101300612 A 20081105; CN 101300612 B 20101103; DE 502005004298 D1 20080710; ES 2306026 T3 20081101; US 2008252468 A1 20081016; US 7812708 B2 20101012; WO 2007051819 A1 20070510

DOCDB simple family (application)

    EP 05110342 A 20051104; AT 05110342 T 20051104; CN 200680041167 A 20061102; DE 502005004298 T 20051104; EP 2006068035 W 20061102; ES 05110342 T 20051104; US 8978706 A 20061102