

Title (en)

Redundant surveillance device for fire extinguishing installations

Title (de)

Redundante Überwachungseinrichtung für Feuerlöschanlagen

Title (fr)

Dispositif de surveillance redondant pour installations d'extinction d'incendie

Publication

**EP 1816619 B1 20081224 (DE)**

Application

**EP 06002123 A 20060202**

Priority

EP 06002123 A 20060202

Abstract (en)

[origin: EP1816619A1] The device has two separate primary control lines (2, 3) that exist between two control groups of a fire alarming and control center (1) and two control circles. The control lines lead to connecting terminals, where a control module is arranged at the connecting terminals. Low-side switches (9, 10) are arranged in the control circles, and decoupling diodes (11, 18) are switched in a row in the control circles. Darlington transistors (4, 5) are arranged between the control circles, and a coil (16) of a control and/or magnetic valve (17) is switched between the control circles.

IPC 8 full level

**G08B 29/16** (2006.01); **A62C 37/50** (2006.01)

CPC (source: EP)

**A62C 37/50** (2013.01); **H01H 47/002** (2013.01)

Cited by

EP3822993A1; WO2019224264A1; US11210930B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1816619 A1 20070808; EP 1816619 B1 20081224**; AT E418775 T1 20090115; DE 502006002428 D1 20090205; ES 2317350 T3 20090416; PL 1816619 T3 20090529; PT 1816619 E 20090203

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