

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)

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

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

DOCDB simple family (application)

EP 06002123 A 20060202; AT 06002123 T 20060202; DE 502006002428 T 20060202; ES 06002123 T 20060202; PL 06002123 T 20060202; PT 06002123 T 20060202