

Title (en)

Method and device to avoid prevailing weather effects on automatic fire alarms

Title (de)

Verfahren und Vorrichtung zur Berücksichtigung klimatischer Umgebungseinflüsse auf automatische Brandmelder

Title (fr)

Procédé et dispositif pour éviter les influences climatiques de l'environnement sur les indicateurs automatiques d'incendie

Publication

EP 0418409 B1 19960103 (DE)

Application

EP 89117327 A 19890919

Priority

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Abstract (en)

[origin: EP0418409A1] In addition to the fire characteristics (BKG), e.g. smoke density (RD), heat or warmth (temperature T) and flame, environmental characteristics (UKG) such as temperature (T), atmospheric humidity (F) and atmospheric pressure (L) are continuously measured and used to determine the respective compensation values with which the alarm measured values are compensated, the compensated alarm measured values being further processed to form alarm criteria. In this case, the compensation can take place in the respective fire alarm itself, or be carried out in the control centre of the fire alarm system, it being the case that in addition to the analog alarm measured value the analog measured values of the environmental characteristics are regularly transmitted to the control centre. The environmental characteristics (UKG) are measured in the region of the fire alarm. A microcomputer is used to calculate the respective compensation values therefrom with the aid of algorithms or conversion tables. <IMAGE>

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G08B 17/00; **G08B 29/18**

IPC 8 full level

G08B 17/00 (2006.01); **G08B 29/18** (2006.01)

CPC (source: EP)

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Cited by

EP0696787A1; EP1638062A1; DE19952255B4; DE102010015467B4; FR2723235A1; DE102006043867A1; DE102006043867B4; EP0526898A1; EP0865013A3; EP1732049A1; EP0618555A3; US5530433A; US7760102B2; WO2008061742A1; WO2006131204A1; WO2011128100A1; WO9604631A1

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