

Title (en)
Improvements relating to smoke detection apparatus.

Title (de)
Rauchanzeigegerät.

Title (fr)
Appareil pour la détection de la fumée.

Publication
EP 0145189 A1 19850619 (EN)

Application
EP 84307232 A 19841019

Priority
• AU 3453784 A 19841019
• AU PG197583 A 19831021

Abstract (en)
There is disclosed a control device for use with a light sensing air pollution detection apparatus including an amplifier having pulse amplifiers producing an output pulse of high amplitude, an active peak-detector of high accuracy and linearity over a wide range and an active sample-and-hold circuit associated with a summing amplifier or a microprocessor for detecting and storing the peak amplitude of the pulse, said apparatus adapted to receive and amplify signals received from a solid-state photo-cell subjected to a flashing light source, the control device including current measuring apparatus such as a moving-coil meter or an LED segmented bargraph display to indicate air pollution and programming pins for tapping off each individual bargraph segment to achieve plural preset alarm thresholds. The flashing light source is monitored to compensate or adjust for variations in flash intensity the signal from the monitor circuit and the detector circuit being subjected to a divider circuit.

IPC 1-7
G08B 17/10

IPC 8 full level
G08B 17/107 (2006.01)

CPC (source: EP)
G08B 17/107 (2013.01)

Citation (search report)
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GB2242521A; GB2242521B; CN113990023A; WO9016053A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
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