

Title (en)

Processor based wireless detector

Title (de)

Prozessorgestützter drahtloser Detektor

Title (fr)

Dispositif de détection sans fil basé sur un processeur

Publication

EP 1780685 B1 20100804 (EN)

Application

EP 07002940 A 20010411

Priority

- EP 01926838 A 20010411
- US 19668500 P 20000412
- US 82921801 A 20010409

Abstract (en)

[origin: EP1780685A2] An energy efficient, easily manufacturable, multi-sensor detector incorporates a smoke sensor and a thermal sensor. A single die programmed processor with integrally formed storage circuits for programs and parameters senses sensor signals, from different types of sensors, during a common activation cycle and processes those signals during the same cycle. The processor can also monitor the condition of an energy supplying battery and provide modulation signals to an audible output device. Other detector functions can be interleaved between output device modulation signals to minimize the cost of the programmed processor and thereby provide the required functionality very cost effectively.

IPC 8 full level

G08B 25/10 (2006.01); **G08B 29/18** (2006.01)

CPC (source: EP)

G08B 25/10 (2013.01); **G08B 29/181** (2013.01)

Cited by

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1780685 A2 20070502; EP 1780685 A3 20080312; EP 1780685 B1 20100804

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