

Title (en)

Flame monitoring device with flame rod

Title (de)

Flammenwächter mit Flammenstab

Title (fr)

Dispositif de surveillance de flamme avec électrode d'ionisation

Publication

**EP 0867661 B1 20020911 (DE)**

Application

**EP 98105254 A 19980324**

Priority

DE 19712938 A 19970327

Abstract (en)

[origin: DE19712938C1] The circuit has a frequency multiplier circuit (D1-D4) supplied from two phase lines (PH1,PH2) of the AC network supply and supplying the flame rod (FR) of the flame monitor (FA) via a capacitor (C). One of the phase lines (PH2) acts as a reference potential line for the flame monitor, the frequency multiplier circuit provided by a diode bridge circuit and a threshold stage reducing the output voltage to zero when it is below a given threshold value.

IPC 1-7

**F23N 5/12**

IPC 8 full level

**F23N 5/12** (2006.01)

CPC (source: EP)

**F23N 5/123** (2013.01)

Cited by

DE10202910C1; EP1331446A3; DE102022203963B3

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DOCDB simple family (publication)

**DE 19712938 C1 19980514**; DE 59805467 D1 20021017; EP 0867661 A2 19980930; EP 0867661 A3 20000524; EP 0867661 B1 20020911; ES 2179394 T3 20030116

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