

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

Designated contracting state (EPC)

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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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