

Title (en)  
Flame monitoring circuit

Title (de)  
Flammenwächterschaltung

Title (fr)  
Circuit de surveillance de flamme

Publication  
**EP 1211460 B1 20060830 (DE)**

Application  
**EP 01127983 A 20011124**

Priority  
• AT 8622001 A 20010605  
• DE 10061252 A 20001201

Abstract (en)  
[origin: EP1211460A2] The burner monitoring circuit has a changeover voltage (Uion) connected ionization electrode (Iioni) mounted adjacent to the burner flame. It has an evaluation monitor connected to a compensating voltage source (Ub) with a ionization electrode current flow controlled transistor (T152). The negative pole of the compensating source (Ub) is connected to the burner mass. The positive pole is connected to a deep pass filter (C154) to the ionisation electrode.

IPC 8 full level  
**F23N 5/12** (2006.01)

CPC (source: EP)  
**F23N 5/123** (2013.01)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1211460 A2 20020605; EP 1211460 A3 20040414; EP 1211460 B1 20060830**; AT E338250 T1 20060915; DE 10159032 A1 20020912; DE 50110866 D1 20061012; DK 1211460 T3 20070108; ES 2270940 T3 20070416

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**EP 01127983 A 20011124**; AT 01127983 T 20011124; DE 10159032 A 20011126; DE 50110866 T 20011124; DK 01127983 T 20011124; ES 01127983 T 20011124