

Title (en)
Flame monitoring circuit

Title (de)
Flammenüberwachungsschaltung

Title (fr)
Circuit de surveillance de flamme

Publication
EP 1211461 A3 20040414 (DE)

Application
EP 01128091 A 20011127

Priority
• AT 18102001 A 20011119
• DE 10061255 A 20001201

Abstract (en)
[origin: EP1211461A2] The flame monitoring switch for a burner has an ionization electrode (3) and an evaluation switch (1) to produce a digital output signal. The ionization electrode and the signal input for the evaluation switch are connected to a shunt resistor (Rshunt) for disconnection of the compensating flow mantle ionization flow proportional signal.

IPC 1-7
F23N 5/12

IPC 8 full level
F23N 5/12 (2006.01)

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

Citation (search report)
• [A] US 3627458 A 19711214 - WADE KENNETH R
• [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05 30 April 1998 (1998-04-30)
• [A] PATENT ABSTRACTS OF JAPAN vol. 0050, no. 47 (M - 061) 28 March 1981 (1981-03-28)

Cited by
ITTO20090019A1

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 1211461 A2 20020605; EP 1211461 A3 20040414; EP 1211461 B1 20060927; DE 10159225 A1 20020711; DE 50111086 D1 20061109; DK 1211461 T3 20070129; ES 2272397 T3 20070501; PT 1211461 E 20070131

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EP 01128091 A 20011127; DE 10159225 A 20011127; DE 50111086 T 20011127; DK 01128091 T 20011127; ES 01128091 T 20011127; PT 01128091 T 20011127