

Title (en)
Flame monitoring system

Title (de)
Flammenüberwachungssystem

Title (fr)
Système de surveillance de flammes

Publication
EP 0985881 A3 20030102 (DE)

Application
EP 99112232 A 19990625

Priority
DE 19841475 A 19980910

Abstract (en)
[origin: DE19841475C1] The flame monitoring system has a flame sensor (1), providing a signal (U1) representing the radiation emitted by the flame, supplied to an amplifier (40) providing an output signal (U5) and to a frequency-selective device (6), for activation of the amplifier upon detection of a non-periodic signal and deactivation of the amplifier upon detection of periodic signals, no flame sensor signal, or a test signal. An Independent claim for a flame monitoring method is also included.

IPC 1-7
F23N 5/08

IPC 8 full level
F23N 5/08 (2006.01)

CPC (source: EP US)
F23N 5/082 (2013.01 - EP US); **F23N 2229/08** (2020.01 - EP US)

Citation (search report)
[A] US 5567144 A 19961022 - MCCOY HUGH W [US]

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 19841475 C1 20000203; DE 59909223 D1 20040527; EP 0985881 A2 20000315; EP 0985881 A3 20030102; EP 0985881 B1 20040421; JP 2000088243 A 20000331; JP 4195760 B2 20081210; US 6486486 B1 20021126

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DE 19841475 A 19980910; DE 59909223 T 19990625; EP 99112232 A 19990625; JP 25520099 A 19990909; US 37586699 A 19990817