

Title (en)
MONITORING DEVICE FOR BOILER FUNCTIONS

Publication
EP 0231705 B1 19920311 (FR)

Application
EP 86402905 A 19861223

Priority
FR 8519491 A 19851231

Abstract (en)
[origin: US4698015A] An installation for monitoring combustion to control pollution and retard other deleterious effects of improper combustion employs a smoke sampling duct to draw off a portion of the smoke emanation from the combustion chamber. The smoke in the sampling duct flows past a probe and is then vented from the duct. The probe senses oxygen or other substances in the smoke and emits signals to a device which analyzes the quality of combustion. A gas inlet in the sampling duct is situated upstream of the probe and gas is intermittently discharged into that duct to ascertain whether the probe is operating properly.

IPC 1-7
F23N 5/00

IPC 8 full level
F23N 5/00 (2006.01)

CPC (source: EP US)
F23N 5/003 (2013.01 - EP US)

Citation (examination)
DE 1253205 B 19671102 - BBC BROWN BOVERI & CIE

Cited by
FR2609154A1; FR2607905A1; FR2609155A1; EP0276399B1

Designated contracting state (EPC)
AT BE CH DE ES GB IT LI NL SE

DOCDB simple family (publication)
EP 0231705 A1 19870812; EP 0231705 B1 19920311; AT E73534 T1 19920315; DE 3684296 D1 19920416; FR 2592465 A1 19870703; FR 2592465 B1 19880325; US 4698015 A 19871006

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EP 86402905 A 19861223; AT 86402905 T 19861223; DE 3684296 T 19861223; FR 8519491 A 19851231; US 94738886 A 19861229