

Title (en)
Method for controlling a gas burner

Title (de)
Verfahren zum Regeln eines Gasbrenners

Title (fr)
Procédé de réglage d'un brûleur à gaz

Publication
EP 1944549 A3 20140226 (DE)

Application
EP 07025165 A 20071228

Priority
DE 102007002847 A 20070115

Abstract (en)
[origin: EP1944549A2] The method involves supplying gas flow and a combustion air flow to a gas burner via a gas pipeline (10) and a combustion air pipe line (12), respectively. An electronic measuring signal for controlling a burner is used by a sensor (16). A heating device (23) attached to the sensor is switched off in a definite time interval for a definite time space during active controlling of the gas burner, opening of a gas valve (11) and operation of a blower (13). A determined measuring value of the sensor is used to implement calibration and controlling in the context of reference value adjustment.

IPC 8 full level
F23N 5/18 (2006.01)

CPC (source: EP)
F23N 1/022 (2013.01); **F23N 5/184** (2013.01); **F23N 2227/16** (2020.01); **F23N 2227/18** (2020.01); **F23N 2227/20** (2020.01); **F23N 2237/26** (2020.01)

Citation (search report)

- [AD] DE 19824521 A1 19991209 - HONEYWELL BV [NL]
- [A] DE 10056064 A1 20020606 - HONEYWELL BV [NL]
- [AD] JP H05106831 A 19930427 - OSAKA GAS CO LTD, et al

Cited by
EP3290800A1; US2013115563A1; US9134026B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1944549 A2 20080716; EP 1944549 A3 20140226; EP 1944549 B1 20150715; DE 102007002847 A1 20080717;
DE 102007002847 B4 20081016

DOCDB simple family (application)
EP 07025165 A 20071228; DE 102007002847 A 20070115