

Title (en)

CONTROL SYSTEM FOR A GAS BURNER

Title (de)

REGELEINRICHTUNG FÜR GASBRENNER

Title (fr)

DISPOSITIF DE RÉGULATION POUR UN BRÛLEUR DE GAZ

Publication

EP 3325882 B1 20200219 (DE)

Application

EP 16778347 A 20161006

Priority

- DE 102015117406 A 20151013
- EP 2016073868 W 20161006

Abstract (en)

[origin: WO2017063937A1] The invention relates to a regulating device for gas burners for adapting a gas/air mixture which is supplied to the gas burner and which is made of a gas stream and an air stream, comprising a gas valve which is arranged in a gas line that opens into an air line, an electronic control unit for controlling an open position of the gas valve, and a sensor which is connected to the controller and supplies signals to same. The sensor is arranged in a bridging section between the air line and the gas line and is directly operatively connected to the air stream and to the gas stream. The bridging section is fluidically closed such that the gas stream and the air stream are separated in the bridging section.

IPC 8 full level

F23N 1/00 (2006.01); **F23D 14/60** (2006.01); **F23N 1/02** (2006.01); **F23N 5/24** (2006.01)

CPC (source: EP)

F23D 14/60 (2013.01); **F23N 1/022** (2013.01); **F23N 5/242** (2013.01); **F23N 2233/08** (2020.01); **F23N 2235/16** (2020.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102015117406 A1 20170413; CN 208832503 U 20190507; EP 3325882 A1 20180530; EP 3325882 B1 20200219; WO 2017063937 A1 20170420

DOCDB simple family (application)

DE 102015117406 A 20151013; CN 201690001248 U 20161006; EP 16778347 A 20161006; EP 2016073868 W 20161006