

Title (en)
Regulator for gas burner

Title (de)
Regeleinrichtung für Gasbrenner

Title (fr)
Dispositif de réglage pour brûleur à gaz

Publication
EP 2090827 A3 20170927 (DE)

Application
EP 09001275 A 20090130

Priority
DE 102008009833 A 20080218

Abstract (en)
[origin: EP2090827A2] The regulating device has a mixing device (12) for mixing of a gas stream with a combustion air stream and providing gas-air-mixture. A gas valve (11) is positioned in a gas line (10) guiding the gas stream. The gas valve is adjusted depending on a measurement signal (19) of an electrical and/or electronic sensor (16). The sensor is engaged to the gas line with a measurement point (17). A reference pressure is obtained at a reference point (18) of the sensor. The sensor is directly positioned adjacent to a gas nozzle (15), with which the gas line is lead into the mixing device.

IPC 8 full level
F23D 14/60 (2006.01); **F23N 1/02** (2006.01)

CPC (source: EP)
F23D 14/60 (2013.01); **F23N 1/022** (2013.01)

Citation (search report)

- [XD] DE 19922226 C1 20001130 - HONEYWELL BV [NL]
- [X] JP S59219622 A 19841211 - MATSUSHITA ELECTRIC IND CO LTD
- [X] WO 0210648 A1 20020207 - RATIONAL AG [DE], et al

Cited by
CN107255274A; DE102009048405A1; EP2312213A3; CN105910129A; JP2016153712A; WO2020237281A1; DE102015117406A1; WO2017063937A1; EP2589868A1; DE102011117736A1; US9134026B2

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2090827 A2 20090819; EP 2090827 A3 20170927

DOCDB simple family (application)
EP 09001275 A 20090130