

Title (en)
Regulator for gas burner

Title (de)
Regeleinrichtung für Gasbrenner

Title (fr)
Dispositif de réglage pour brûleur à gaz

Publication
EP 2312213 A3 20140409 (DE)

Application
EP 10009204 A 20100904

Priority
DE 102009048405 A 20091006

Abstract (en)
[origin: EP2312213A2] The device has an outer chamber (24) fluidly coupled to a region of a mixing device that is downstream of a mixing region (13) of a venturi nozzle (10) via a connecting line (22). A flow guiding element (26) is fixed with the outer chamber of the device, where the flow guiding element guides and/or captures an ambient air flow (27) from an ambient atmosphere to the outer chamber. The flow guiding element guiding and/or capturing flow from a pressure input of a sensor (18) e.g. flowmeter, is provided from an inner chamber (23) to the outer chamber through a filter (25).

IPC 8 full level
F23N 1/00 (2006.01); **F23N 5/18** (2006.01)

CPC (source: EP US)
F23N 1/002 (2013.01 - EP US); **F23N 5/184** (2013.01 - EP US); **F23N 2005/181** (2013.01 - EP US); **F23N 2225/06** (2020.01 - EP US)

Citation (search report)

- [A] EP 2090827 A2 20090819 - HONEYWELL TECHNOLOGIES SARL ECC [CH]
- [A] EP 1744102 A1 20070117 - HONEYWELL TECHNOLOGIES SARL [CH]
- [A] FR 2921461 A1 20090327 - THEOBALD SA SA A [FR]

Cited by
EP2733436A3; US10281351B2

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2312213 A2 20110420; EP 2312213 A3 20140409; EP 2312213 B1 20160810; DE 102009048405 A1 20110407;
US 2011081619 A1 20110407; US 8668491 B2 20140311

DOCDB simple family (application)
EP 10009204 A 20100904; DE 102009048405 A 20091006; US 89847810 A 20101005