

Title (en)
Regulator for gas burner

Title (de)
Regeleinrichtung für Gasbrenner

Title (fr)
Dispositif de réglage pour brûleur à gaz

Publication
EP 2312213 B1 20160810 (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 5/18 (2006.01); **F23N 1/00** (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)

Cited by
EP2733436A3; US10281351B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2312213 A2 20110420; EP 2312213 A3 20140409; EP 2312213 B1 20160810; DE 102009048405 A1 20110407;
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EP 10009204 A 20100904; DE 102009048405 A 20091006; US 89847810 A 20101005