

Title (en)

Gas control device with attached Venturi nozzle

Title (de)

Gasregelgerät mit angebauter Venturi-Düse

Title (fr)

Appareil de régulation de gaz équipé d'une buse Venturi montée

Publication

EP 2426413 A3 20141119 (DE)

Application

EP 11176730 A 20110805

Priority

DE 102010044591 A 20100907

Abstract (en)

[origin: EP2426413A2] The device (10) has a gas valve positioned in a housing (11) for influencing gas flow from the device. The housing has a wall (12) comprising a gas outlet opening (13) via which a gas stream of a venturi nozzle (14) is supplied, where the gas stream is mixed with air flow for providing a gas-combustion air-mixture. An accommodator (19) for two venturi nozzle parts (17, 18) is formed at the housing as an integral component of the housing, where the nozzle parts form inlet and outlet hoppers of the nozzle, respectively. The accommodator is formed by casting a metallic material i.e. aluminum.

IPC 8 full level

F23D 14/62 (2006.01)

CPC (source: EP)

F23D 14/62 (2013.01)

Citation (search report)

- [XY] EP 1953453 A1 20080806 - VIESSMANN WERKE KG [DE]
- [XY] DE 19729047 C1 19980924 - HONEYWELL BV [NL]
- [X] FR 2794521 A1 20001208 - GEMINOX [FR]
- [X] EP 1959194 A1 20080820 - VIESSMANN WERKE KG [DE]

Cited by

EP3913284A1; CN113680224A; US11708972B2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2426413 A2 20120307; EP 2426413 A3 20141119; EP 2426413 B1 20191009; DE 102010044591 A1 20120308

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