

Title (en)

GAS/AIR MIXING DEVICE OF A GAS BURNER

Title (de)

GAS-/LUFTMISCHVORRICHTUNG FÜR EINEN GASBRENNER

Title (fr)

DISPOSITIF DE MÉLANGE GAZ/AIR DESTINÉ À UN BRÛLEUR À GAZ

Publication

EP 3415817 B1 20200930 (EN)

Application

EP 17176034 A 20170614

Priority

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Abstract (en)

[origin: EP3415817A1] Gas/Air mixing device for a gas burner having a housing and at least one venturi nozzle (10) positioned within the housing. The or each venturi nozzle (10) has an air inlet section (11) with an air inlet opening (12) for air, a gas inlet section (13) with at least two gas inlet openings (14) for gas, and a gas/air outlet section (15) with a gas/air outlet opening (16) for a gas/air mixture. The air inlet section (11) and the air inlet opening (12) of the or each venturi nozzle (10) each have a rectangular cross-section. The gas inlet openings (14) of the or each venturi nozzle (10) each have a rectangular cross-section. The gas/air outlet section (15) and the gas/air outlet opening (16) of the or each venturi nozzle (10) each have a rectangular cross-section.

IPC 8 full level

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CPC (source: EP)

B01F 23/10 (2022.01); **B01F 25/31232** (2022.01); **B01F 25/31242** (2022.01); **F23D 14/04** (2013.01); **F23D 14/62** (2013.01); **F23D 14/64** (2013.01); **F23D 23/00** (2013.01); **F23D 2209/10** (2013.01); **F23D 2900/14642** (2013.01)

Cited by

US11287131B2; WO2021160506A1; EP3913284A1; US11708972B2

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