

Title (en)

GAS BURNER WITH MULTIPLE FLAME RINGS

Title (de)

GASBRENNER MIT MEHREREN FLAMMENRINGEN

Title (fr)

BRÛLEUR À GAZ AUX ANNEAUX DE FLAMME MULTIPLES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011144630A2] A gas burner with multiple flame rings, comprising an injector holder piece (2), a flame divider (4) having an outer portion (26) of overall annular shape and an inner portion (28) of overall circular shape, and means (6) for upperly closing said outer and inner portions, characterised in that: -said injector holder piece (2) carries, applied thereto, at least two injectors (20, 20') of substantially vertical axis positioned in a substantially diametrical plane of the burner, -said flame divider (4) comprises at least two substantially vertical conduits (46, 46') facing the two injectors (20, 20') of the injector holder (2) and opening upperly into a horizontal venturi effect chamber, bounded upperly by said closure means (6), -the region downstream of said horizontal vertical effect chamber is connected in a fluidic manner to the inner portion (28) of said flame divider (4), via two channels (36, 60).

IPC 8 full level

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Citation (search report)

See references of WO 2011144630A2

Cited by

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