

Title (en)
IMPROVED GAS BURNER

Title (de)
VERBESSERTER GASBRENNER

Title (fr)
BRÛLEUR À GAZ PERFECTIONNÉ

Publication
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Application
EP 14733301 A 20140528

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• IB 2014000901 W 20140528

Abstract (en)
[origin: WO2014191825A1] An improved gas burner (2, 86) comprising: - an injector holder (4, 88) provided with means (20, 22) for its installation in the upper sheet metal of a cooking hob, and comprising a cup-shaped central cavity (10), to the base of which a central injector (14) is applied, and further comprising two lateral cup-shaped cavities (12, 12'), to the base of which two lateral injectors (16, 18) are applied, - at least one gas inlet (6) provided in said injector holder (4, 88) and connected to said injectors (14, 16, 18), - a flame divider (24) resting on the injector holder (4, 88) and defining a central distribution chamber (48) provided in its substantially cylindrical lateral wall with apertures (64) for generating a central ring of flames (80), and an annular distribution chamber (52) which is separated from said central distribution chamber (48) by an annular cavity (34) and is provided in its outer lateral wall with apertures (66) for generating a ring of outwardly directed flames (84), - a circular closure cover (74) for said central distribution chamber (48) and an annular closure cover (76) for said annular distribution chamber (52), - at least one connection passage between the space surrounding the burner (44) and said annular cavity (34) of the flame divider (24), characterised in that the annular chamber (52) of the flame divider (24) incorporates two lateral conduits (50) which: - are disposed with their axis substantially vertical, - have their lower ends facing said lateral injectors (16, 18), present an upper end portion which projects and emerges from the base (53) of the annular distribution chamber (52), and are configured such as to generate an essentially vertical venturi effect.

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