

Title (en)
ATMOSPHERIC GAS BURNER FOR COOKING APPLIANCES

Title (de)
ATMOSPHÄRISCHER GASBRENNER FÜR KOCHGERÄTE

Title (fr)
BRÛLEUR À GAZ ATMOSPHERIQUE POUR APPAREILS DE CUISSON

Publication
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Application
EP 22705577 A 20220125

Priority

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- IB 2022050630 W 20220125

Abstract (en)
[origin: WO2022162524A1] Atmospheric gas burner (10; 110) of the partially-aerated type for a cooking appliance, comprising a lower cup (1; 101) and means for constraining it to a top (4; 104) of the cooking appliance, an intermediate body (2; 102) which is constrained to and overlaps said lower cup and which has a central deliver chamber (9b; 109b) for delivering the fuel mixture, that is provided with its own central flame spreader, and at least one perimeter delivery chamber (9a; 9c; 109a; 109c) for delivering the fuel mixture, that surrounds at least partially said central chamber and that is provided with two perimeter flame spreaders, and means (3a; 3b; 103) for the upper covering of said central chamber and of said two perimeter chambers, wherein said central chamber and said two perimeter chamber are fluidically separated from each other, and wherein each of said delivery chambers comprises at least one own mixer (8a; 8b; 8c; 108a; 108b; 108c) with radial Venturi effect supplied by a respective injector (6a; 6b; 6c; 106a; 106b; 106c) housed in said lower cup. Advantageously, said lower cup comprises a respective housing (5a; 5b; 5c; 105a; 105b; 105c) for each of said injectors, each of said housings for said injectors being fluidically separated from each of the other housings, at least when said intermediate body of the burner is constrained to said lower cup.

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