

Title (en)
GAS BURNER FOR COOKING HOBS

Title (de)
GASBRENNER FÜR KOCHSTELLEN

Title (fr)
BRÛLEUR À GAZ POUR PLAQUES DE CUISSON

Publication
EP 2986913 B1 20190227 (EN)

Application
EP 13745165 A 20130417

Priority
IB 2013000709 W 20130417

Abstract (en)
[origin: WO2014170707A1] Gas burner comprising a burner cup provided with at least one ejection nozzle of the fuel gas, integral with or constrained to a cooking hob; at least one mixer of the fuel gas with primary air placed downstream of the ejector nozzle and fed with fuel gas through such a nozzle; a burner body removably coupled to the cup of the burner and comprising at least one distribution chamber of the mixture composed of fuel gas/primary air placed downstream of the mixer; and at least one flame spreader coupled to the aforesaid distribution chamber and provided with flame holes having respective outflow sections lying on one or more planes, or having respective tangent planes, inclined of an angle comprised in the range 0° - 30° with respect to the horizontal line, and in which such a flame spreader has a central opening for the outflow of the secondary air. Advantageously, the burner body comprises at least part of the structure of at least one inflow ductwork of the secondary air towards said central opening for the outflow of the secondary air, and such an inflow ductwork of secondary air has its own drawing section to draw secondary air which opens over the cooking hob.

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F23D 14/08 (2006.01)

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Cited by
CN113330253A; CN110375299A

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