

Title (en)  
IMPROVED GAS BURNER FOR COOKING APPLIANCES

Title (de)  
VERBESSERTER GASBRENNER FÜR KOCHGERÄTE

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

Publication  
**EP 3286499 A1 20180228 (EN)**

Application  
**EP 16727547 A 20160421**

Priority  
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Abstract (en)  
[origin: WO2016170499A1] An improved gas burner for cooking appliances, comprising: - a cup-shaped lower support structure (11, 12, 13), to be applied in a position corresponding with an opening made in the sheet metal (3) of a cooking hob, - at least one injector (10, 10', 60, 62), of substantially horizontal axis, applied to a lateral wall (16, 31 ) of a first cavity (14, 33, 35) provided in said support structure (11, 12), - at least one substantially horizontal venturi conduit (8, 8', 42, 44) coaxial with said injector (10, 10', 60, 62) and opening at its downstream end into a second cavity (20, 20', 37) which is provided in said support structure (11, 12, 13), is open upwards, and communicates fluidically with at least one distribution chamber (6) for the combustion mixture, to generate at least one flame ring, characterised in that said venturi conduit (8, 8', 42, 44) consists of a tubular element separate from said support structure (11, 12, 13), and housed such as to be able to undergo free axial movement within a corresponding seat (9, 36, 38) provided in said support structure (11, 12, 13) and is lockable in the desired axial position by at least one locking member (28, 46) accessible from above said support structure (11, 12, 13) through said opening provided in the sheet metal (3) of the cooking hob.

IPC 8 full level  
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Citation (search report)  
See references of WO 2016170499A1

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