

Title (en)  
GAS BURNER, COOKING ZONE, AND STOVE

Title (de)  
GASBRENNER, KOCHSTELLE UND HERD

Title (fr)  
BRÛLEUR À GAZ, TABLE DE CUISSON ET FOYER

Publication  
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Application  
**EP 15704382 A 20150202**

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Abstract (en)  
[origin: WO2015114600A1] The invention relates to a gas burner (1) for a cooking zone, comprising a burner housing (4), a mixing segment (8) provided on the burner housing (4) for mixing burnable gas with primary air, and a gas nozzle arranged on the mixing segment (8), which gas nozzle is designed to inject the burnable gas into a mixing chamber of the mixing segment (8), wherein the mixing segment (8) comprises at least one primary-air inlet (13) for sucking the primary air from an environment (14) of the gas burner (1) into the mixing chamber, wherein the at least one primary-air inlet (13) has a conducting element (15), which is designed to direct the primary air sucked into the mixing chamber toward the burnable gas injected into the mixing chamber, in such a way that the primary air is mixed with the burnable gas, wherein the conducting element (15) has a first end edge and a second end edge, wherein the conducting element (15) is curved in such a way that the primary air flows from the first end edge to the second end edge along the conducting element (15) and that the conducting element (15) points past the gas nozzle in the region of the second end edge. The invention further relates to a cooking zone having such a gas burner. Furthermore, the invention relates to a stove having such a gas burner (1) and/or such a cooking zone.

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