

Title (en)

A BURNER ASSEMBLY WITH A VENTURI ELEMENT FOR GAS COOKING DEVICE

Title (de)

BRENNERANORDNUNG MIT EINEM VENTURI-ELEMENT FÜR GASKOCHGERÄT

Title (fr)

ENSEMBLE BRÛLEUR DOTÉ D'UN ÉLÉMENT VENTURI POUR DISPOSITIF DE CUISSON AU GAZ

Publication

EP 3980688 A4 20230308 (EN)

Application

EP 19937182 A 20190710

Priority

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Abstract (en)

[origin: WO2021006831A1] The invention relates to a lower body (10) having a peripheral wall (12) provided with (13) a gas inlet (14) from the front portion and the top of which is open in such a way to form a rim (11); a venturi element (30) extending axially within the lower body from a venturi inlet (32) opposite the gas inlet (14) to a rear portion (17) of the peripheral wall (12), in such a way to mix gas supplied from the gas inlet (14) with air; a burner assembly for a gas cooker comprising an upper part (40) which is adapted to the lower body along the rim (11) from the bottom in a gas-proof way and attached to a burner plate (70) from the top. The burner assembly comprises a rim angle (a) that provides a slope towards the rear portion (17) at the border where the upper rim (11) joins the upper part (20) and an elongated portion (38) which is obtained by adjacent placement of the venturi element (30) to the rear portion (17).

IPC 8 full level

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Citation (search report)

- [A] EP 3286498 A1 20180228 - DEFENDI ITALY SRL [IT]
- [A] IT VE20150017 A1 20161024 - EGO ELEKTRO GERAETEBAU GMBH
- [A] EP 3128236 A1 20170208 - INDESIT CO SPA [IT]
- See also references of WO 2021006831A1

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