

Title (en)

A BURNER ASSEMBLY WITH RADIAL OUTWARD FLAME

Title (de)

BRENNERANORDNUNG MIT RADIALER NACH AUSSEN GERICHTETER FLAMME

Title (fr)

ENSEMBLE BRÛLEUR À FLAMME RADIALE DIRIGÉE VERS L'EXTÉRIEUR

Publication

**EP 3980690 A4 20230322 (EN)**

Application

**EP 19937243 A 20190710**

Priority

TR 2019050557 W 20190710

Abstract (en)

[origin: WO2021006830A1] The invention relates to a circumferential wall (11) having a gas inlet (50) in which an injector (60) supplying combustible gas is mounted in a horizontal or acute angle position, and a lower body (10) in which a venturi element (13) adjacent to a mixture chamber (14) accessed by the gas inlet (50) and an air inlet (18) and where the circumferential wall (11) is at least partially delimited; a burner assembly for cooker appliances comprising a flame distributor (30) where an air-gas mixture supplied from the lower body (10) by being fed from a mixture chamber (14) is transferred through a corresponding distribution channel (26) and where the air-gas mixture exits radially outward through a plurality of slits (32) in an outer wall (34) thereof. The burner assembly comprises an internal wall (35) that surrounds the distribution channel (26) in a way that defines a feeding chamber (33) by taking it therebetween, in a distanced manner with the outer wall (34).

IPC 8 full level

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CPC (source: EP)

**F23D 14/06** (2013.01); **F23D 14/065** (2013.01); **F24C 3/085** (2013.01)

Citation (search report)

- [XAI] WO 2006005428 A1 20060119 - OHG DEFENDI S R L [IT], et al
- [XAI] WO 2016141644 A1 20160915 - GUANGDONG MIDEA KITCHEN APPLIANCES MFG CO LTD [CN], et al
- [XAI] CN 109000234 A 20181214 - FOSHAN SHUNDE MIDEA WASHING APPLIANCES MFG CO LTD
- See references of WO 2021006830A1

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