

Title (en)

PORE BURNER AND COOKING APPLIANCE CONTAINING AT LEAST ONE PORE BURNER

Title (de)

PORENBRENNER SOWIE GARGERÄT, ENTHALTEND MINDESTENS EINEN PORENBRENNER

Title (fr)

BRULEUR A CORPS POREUX ET APPAREIL DE CUISSON CONTENANT AU MOINS UN BRULEUR A CORPS POREUX

Publication

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Application

**EP 03787723 A 20030723**

Priority

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Abstract (en)

[origin: WO2004016987A1] The invention relates to a pore burner, especially for cooking appliances, comprising a housing provided with at least one inlet for a gas/air mixture as a fuel and/or at least one inlet for air and/or at least one inlet for gas and/or at least one outlet for air and/or gas and/or waste gases. Said housing comprises at least one dimensionally stable, porous moulded body consisting of sintered metallic powder and/or an especially pressed metallic wire mesh, on the surface of which and/or in the pore spaces of which are reaction zones for the flame development for forming a surface burner. The invention also relates to a pore burner comprising at least one distribution device for the targeted orientation of part of the gas and/or air flow and/or part of the gas/air mixture flow, said distribution device being at least partially arranged and/or moulded in the hollow body in such a way that part of the air and/or gas flow or part of the gas/air mixture flow can be distributed such that the inner wall of the hollow body, especially in the region of the distribution device, has a non-homogenous pressure distribution.

IPC 8 full level

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- EP 0382674 A2 19900816 - CARRIER CORP [US]
- NL 1003250 C2 19971203 - GASTEC NV [NL]

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DOCDB simple family (publication)

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