

Title (en)  
Gas burner for heating appliances

Title (de)  
Gasbrenner für Heizgeräte

Title (fr)  
Brûleur à gaz pour appareils de chauffage

Publication  
**EP 0814303 A3 19980211 (DE)**

Application  
**EP 97103830 A 19970307**

Priority  
DE 29611338 U 19960618

Abstract (en)  
[origin: EP0814303A2] The burner plate is built up of sheet metal ribs and the edges (34) of certain ribs (28) on the side of the burner chamber are set back from the burner-side edges (36) of other ribs (26). The set-back ribs are curved round eg at right angles on the edges (34) on the side of the burner chamber and/or on the edges of the burner plate (24) remote from the burner chamber (15). A recessed rib can be arranged between two ribs not set back. The edges of the recessed ribs can be bent alternately to both sides. A perforated plate (32) whose opening diameter is smaller than the spacing between the ribs can be set on the inflow side of the burner plate.

IPC 1-7  
**F23D 14/58**; **F23D 14/78**; **F23D 14/70**; **F23M 9/10**

IPC 8 full level  
**F23D 14/58** (2006.01); **F23D 14/70** (2006.01); **F23D 14/78** (2006.01)

CPC (source: EP)  
**F23D 14/586** (2013.01); **F23D 14/70** (2013.01); **F23D 14/78** (2013.01)

Citation (search report)  
• [A] EP 0473826 A1 19920311 - RENDAMAX BV [NL]  
• [A] EP 0560454 A2 19930915 - FLAMECO ECLIPSE BV [NL]  
• [AP] DE 4445460 A1 19960627 - BOSCH GMBH ROBERT [DE]  
• [A] DE 2318658 A1 19731025 - RADIATION LTD

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**DE 29611338 U1 19971016**; EP 0814303 A2 19971229; EP 0814303 A3 19980211

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