

Title (en)  
A GAS HOTPLATE BURNER

Title (de)  
GASBRENNER FÜR KOCHSTELLEN

Title (fr)  
BRULEUR A GAZ POUR ZONE DE CUISSON

Publication  
**EP 1025392 B1 20030910 (EN)**

Application  
**EP 97936624 A 19970828**

Priority  
DK 9700353 W 19970828

Abstract (en)  
[origin: WO9911975A1] The power of a gas burner with a crown and cap may traditionally be related to its diameter, i.e. its circumference. The invention provides a burner which not only has peripheral flames but also flames burning nearer the centre. This is obtained by means of a special crown and cap structure and by providing secondary air for the inwards directed flames by means of a scoop plate (S) which takes part of the primary air stream (A) supplied to the burner. The result is a burner which has an appreciably larger power as compared to traditional burners of the same diameter.

IPC 1-7  
**F23D 14/06**; **F24C 3/08**

IPC 8 full level  
**F23D 14/06** (2006.01); **F24C 3/08** (2006.01)

CPC (source: EP)  
**F23D 14/06** (2013.01); **F24C 3/085** (2013.01); **F23D 2900/14062** (2013.01)

Cited by  
CN108266728A

Designated contracting state (EPC)  
DE DK ES FR GB IT NL

DOCDB simple family (publication)  
**WO 9911975 A1 19990311**; AU 3939497 A 19990322; DE 69724838 D1 20031016; EP 1025392 A1 20000809; EP 1025392 B1 20030910; ES 2206744 T3 20040516

DOCDB simple family (application)  
**DK 9700353 W 19970828**; AU 3939497 A 19970828; DE 69724838 T 19970828; EP 97936624 A 19970828; ES 97936624 T 19970828