

Title (en)  
Improved gas cooker burner with three concentric flames.

Title (de)  
Gaskochherdbrenner mit drei konzentrischen Flammen.

Title (fr)  
Brûleur d'une cuisinière à gaz avec trois flammes concentriques.

Publication  
**EP 0552135 A2 19930721 (EN)**

Application  
**EP 93830005 A 19930112**

Priority  
IT MI920031 A 19920113

Abstract (en)  
An improved gas cooker burner is described, of the type with three concentric flames, comprising a flame dividing member in a single piece fed by a single gas delivery whose adjustment is therefore carried out through a single conventional gastap, wherein the ignition of the three flames is simultaneous by means of a single spark-plug, and a single thermocouple is provided for safety purposes. Said flame dividing member includes a central and a peripheral ring connected by radial gas passages alternated to areas of adduction of the secondary air to the central crown, which is preferably provided with a projecting ledge to reduce the pressure of the gas coming out in said areas. Special arrangements of the holes are provided as well, with two rows one on top of the other which, in the two central crowns are staggered, while the secondary air flow to said crowns is made easier by the position of the burner raised from the worktop. <IMAGE>

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**F23D 14/06**; **F23D 14/72**

IPC 8 full level  
**F23D 14/06** (2006.01); **F23D 14/72** (2006.01)

CPC (source: EP)  
**F23D 14/065** (2013.01); **F23D 14/725** (2013.01); **F24C 3/085** (2013.01); **F23D 2900/14062** (2013.01)

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