

Title (en)

Burner with multiple flame rings for ranges

Title (de)

Brenner für Gasherde mit mehreren Flammenringen

Title (fr)

Bruleur de cuisinière comportant plusieurs couronnes de flammes

Publication

EP 2226560 A3 20150902 (EN)

Application

EP 09179437 A 20091216

Priority

TR 200901741 A 20090306

Abstract (en)

[origin: EP2226560A2] It is the multi-burning system mountable to domestic gas cooking appliances used in houses and provides homogeneous heating of cooker placed on it. This burning system provides homogeneous distribution of flame by burning so as ring with three or four levels. There are one or two inner ring burning and one and two outer ring burning according to the burning system. The flow rate of gas is regulated by means of a gas valve and thus the control of inner ring and outer ring are made. The burner systems used in currently used ovens or cookers sing burning system is used. Totally three different burnings as small, medium and large are provided on oven or cooker in three different burner. Besides them also burners those accommodates two or three burning systems inside them are started to be used. These burners those accommodate two types of burning inside them are usually accommodate small and large burner inside of them simultaneously: These burners are separated as power systems 2.5 kW, 3.6 Kw, 3.8 kW, 4.5kW and 5kW generally. But it is required to send air and gas mixture with correct ratio to the ports of the burner by designing each of these burners separately in order to obtain this power.

IPC 8 full level

F23D 14/06 (2006.01); **F23D 14/64** (2006.01)

CPC (source: EP)

F23D 14/06 (2013.01); **F23D 14/64** (2013.01); **F23D 2900/14062** (2013.01)

Citation (search report)

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- [X] WO 2005080870 A1 20050901 - BURNER SYSTEMS INT BSI [FR], et al
- [A] WO 2006117815 A1 20061109 - SOMI PRESS SOC METALLI INIETTATI SPA [IT], et al

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Designated extension state (EPC)

AL BA RS

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