

Title (en)
Cooking hob with combined fixed burners

Title (de)
Kochplatte mit Brenner zur gemeinsamen Benutzung

Title (fr)
Plaque de cuisson à brûleurs pour usage combiné

Publication
EP 0848211 A1 19980617 (EN)

Application
EP 97830650 A 19971205

Priority
IT MI960811 U 19961210

Abstract (en)
In a cooking hob including a plurality of fixed burners provided with flame dividers at least two of said fixed burners (1, 2) are arranged at a distance "d" (in mm) between their flame dividers which results from the relation: $d = \frac{r_1 + r_2}{K}$ where "r1" and "r2" are the radiuses (in mm) of the flame dividers of the two burners (1, 2), "p1" and "p2" are the powers (in kW) of the two burners (1, 2) and "K" is a uniformity constant of the heat distribution which can take values between 2 and 3. Preferable, the first burner (1) is an elongated burner of rectangular shape with semicircular end portions and the second burner (2) is a circular burner. This arrangement allows the use of the two burners in combination without any operation being necessary and without generation of CO. Furthermore, each burner can be used individually and also simultaneously with the others. <IMAGE>

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F24C 3/08

IPC 8 full level
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F24C 3/085 (2013.01)

Citation (search report)
• [A] EP 0676591 A2 19951011 - MERLONI ELETTRODOMESTICI SPA [IT]
• [A] DE 8709333 U1 19870910

Cited by
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