

Title (en)
Double ring gas burner.

Title (de)
Doppelring-Gasbrenner.

Title (fr)
Brûleur à gas à double anneau.

Publication
EP 0634608 A3 19950621 (EN)

Application
EP 94111038 A 19940715

Priority
IT VE930018 A 19930716

Abstract (en)
[origin: EP0634608A2] A double ring gas burner, particularly for built-in cooking hobs, comprising an injector support cup (2) on which a burner body (36) is removably applied, with an axial duct (38) inserted in said cup (2) in a position facing a gas delivery nozzle (12) fitted to the cup base, and a flame divider element (56) positioned in an annular seat (54) provided in the rim (40) of said body (36), characterised by further comprising: a disc-shaped element (50) rigid with the burner body for upperly closing the cup (2), the side wall of which comprises apertures (24) for intake of primary air, said apertures being placed below the cooking hob when said burner body is applied to it, a plurality of radial channels (52) connecting the axial duct (38) of the burner body (36) to the annular seat (54) for the flame divider element (56), a plurality of passages connecting the space overlying said disc-shaped closure element (50) and bounded externally by the rim (40) of the burner body to the space overlying the cooking hob (6) external to said rim. <IMAGE>

IPC 1-7
F23D 14/06; **F23D 14/72**

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

CPC (source: EP)
F23D 14/06 (2013.01); **F23D 14/725** (2013.01); **F23D 2207/00** (2013.01); **F23D 2900/14062** (2013.01)

Citation (search report)
• [Y] EP 0534301 A2 19930331 - MERLONI ELETTRODOMESTICI SPA [IT]
• [Y] GB 715036 A 19540908 - WILLY HOMANN
• [A] EP 0125965 A1 19841121 - GAZ DE FRANCE [FR]

Cited by
CN102889620A; CN102901100A; ES2147076A1; CN110864295A; CN109000236A; CN103906974A; CN109959009A; KR100890089B1; US7878800B2; US6589046B2; FR2804496A1; EP1120603A3; ES2697724A1; CN109000248A; CN109959008A; US6325619B2; US8887710B2; US8973569B2; US8967997B2; WO9812475A1; WO2007007298A3; WO2013122660A3; WO2006046922A1; WO2004113792A1; US7001176B2; FR2770620A1; WO0202991A1; WO2013064657A1; US9625159B2; US9694223B2; US10149993B2; US10207136B2

Designated contracting state (EPC)
ES FR GB IT

DOCDB simple family (publication)
EP 0634608 A2 19950118; **EP 0634608 A3 19950621**; IT 1268490 B1 19970304; IT VE930018 A0 19930716; IT VE930018 A1 19950116

DOCDB simple family (application)
EP 94111038 A 19940715; IT VE930018 A 19930716