

Title (en)
End cap for a gas burner

Title (de)
Gasbrennerendkappe

Title (fr)
Capuchon pour brûleur à gaz

Publication
EP 1840461 A1 20071003 (EN)

Application
EP 06251696 A 20060329

Priority
EP 06251696 A 20060329

Abstract (en)

An end cap (40), for use with a gas burner (10) including a substantially cylindrical burner wall (16) defining an internal cavity (20), is substantially circular and includes a circumferential attachment region (44). The circumferential attachment region (44) is deformable to permit attachment of the end cap (40) to one end of the cylindrical burner wall (16) to close one end of the internal cavity (20), and the end cap (40) includes a discontinuity (54), and possibly a plurality of discontinuities (54) in the form of slots (56), in the circumferential attachment region (44).

IPC 8 full level

F23D 14/10 (2006.01)

CPC (source: EP)
F23D 14/10 (2013.01); **F23D 2203/1012** (2013.01); **F23D 2900/00003** (2013.01)

Citation (search report)

- [Y] US 2005048429 A1 20050303 - SEHMBI JASWINDER S [CA]
- [A] EP 1582810 A2 20051005 - RINNAI KK [JP]
- [A] GB 2149904 A 19850619 - AEROMATIC CO LTD
- [A] EP 0172945 A1 19860305 - FURIGAS B V [NL]
- [A] US 4960378 A 19901002 - JANNEMANN THEO [DE], et al
- [Y] PATENT ABSTRACTS OF JAPAN vol. 007, no. 037 (M - 193) 15 February 1983 (1983-02-15)

Cited by
EP3926236A3; EP4001758A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

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