

Title (en)

CIRCULATION OF COMBUSTION AIR TO THE BURNER OF A BURNER APPLIANCE, FOR INSTANCE OF A WATER HEATER

Publication

EP 0303559 A3 19900620 (DE)

Application

EP 88730175 A 19880808

Priority

AT 204587 A 19870813

Abstract (en)

[origin: EP0303559A2] To adjust an individual flow resistance for varyingly formed and dimensioned combustion air circulations of burner appliances, there is provided in such a combustion air circulation (7), in the region of the inlet or in the region of the emerging waste gases, an adjustable flow regulator (10) which, depending on the local conditions and with the aid of a scale (17 or 20) taking these conditions into account, can be adjusted to an individual desired resistance corresponding to these conditions, in order to allow the air quantity necessary for optimum combustion to flow to the burner of the appliance.

IPC 1-7

F23L 3/00; **F23L 13/00**; **F24D 19/10**; **F24H 9/20**

IPC 8 full level

F23L 3/00 (2006.01); **F23L 13/00** (2006.01)

CPC (source: EP)

F23L 3/00 (2013.01); **F23L 13/00** (2013.01); **F24C 3/004** (2013.01)

Citation (search report)

- [A] EP 0109620 A2 19840530 - VAILLANT JOH GMBH & CO [DE]
- [A] SE 439364 B 19850610 - ANDERSSON HASSE
- [A] DE 3108304 A1 19821111 - KRAUSE WINFRIED

Cited by

EP0429034A3; EP0424358A3; US6463926B1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

DE 8810191 U1 19881020; EP 0303559 A2 19890215; EP 0303559 A3 19900620

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DE 8810191 U 19880808; EP 88730175 A 19880808