

Title (en)

BURNER WITH A PLURALITY OF PARALLEL SPACED APART BURNER ELEMENTS FOR A GAS-HEATED APPLIANCE

Publication

EP 0191722 A3 19880406 (DE)

Application

EP 86730020 A 19860208

Priority

DE 8503838 U 19850208

Abstract (en)

[origin: EP0191722A2] The burner is composed of two half-shells, the upper sides of which, together with an insert, form a gas mixture distribution chamber with combustion openings and which include a vertical or horizontal mixing channel which opens into the gas mixture distribution chamber with an impression arranged area by area and to which there is assigned coaxially a gas outlet nozzle which serves for gas supply and is arranged on a gas supply pipe, more than one mixing channel being provided per gas mixture distribution chamber. In the case of vertically arranged mixing channels, the gas supply pipe is provided under the channels, and in the case of horizontally arranged channels, laterally. <IMAGE>

IPC 1-7

F23D 14/10; **F23D 14/58**; **F23D 14/64**

IPC 8 full level

F23D 14/04 (2006.01); **F23D 14/10** (2006.01); **F23D 14/58** (2006.01); **F23D 14/64** (2006.01)

CPC (source: EP)

F23D 14/045 (2013.01)

Citation (search report)

- [A] GB 834788 A 19600511 - ASCOT GAS WATER HEATERS LTD
- [A] DE 1629964 A1 19710311 - SAUNIER DUVAL
- [A] GB 1189364 A 19700422 - HIBY FRIEDRICH KARL
- [A] DE 3022763 A1 19820114 - VAILLANT JOH GMBH & CO [DE]
- [A] FR 1398066 A 19650507

Cited by

FR2695457A1; US5057007A; FR2730793A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0191722 A2 19860820; **EP 0191722 A3 19880406**; **EP 0191722 B1 19910522**; AT E63784 T1 19910615; DE 3604196 A1 19860814; DE 3604196 C2 19970424; DE 3679341 D1 19910627; DE 8503838 U1 19860213

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