

Title (en)

Flameholder for gas burner and burner comprising such flameholder

Title (de)

Flammenhalter für Gasbrenner und Brenner mit einem solchen Flammenhalter

Title (fr)

Dispositif d'accrochage de flammes pour brûleur à gaz et brûleur muni d'un tel dispositif

Publication

EP 0840061 A1 19980506 (FR)

Application

EP 97402491 A 19971021

Priority

FR 9613402 A 19961104

Abstract (en)

The flame spreader (1) contains a set of rings (2) made from knitted metal wire with non-porous spacers (20) between them. These have internal diameters which are more or less equal to those of the rings, while their outer diameters are smaller. The spacers are thinner than the metal wire rings, and the difference between their outer diameters is equivalent to the spacers' thickness. The two end rings in the set have collars (132,232) which cover some four fifths of their outer surfaces, while the free end of the stack is closed by a blank cover (26) made from a heat resistant material. The burner also has a gas distribution chamber (81) fed with combusive air and fuel gas, connected to a combustion chamber (82) containing the flame spreader.

Abstract (fr)

L'invention se rapporte à brûleur (80) à mélange de gaz équipé d'un dispositif d'accrochage de flamme (1). Ce dispositif comprend, dans sa structure, un réseau comprimé de fil(s) métallique(s) souple(s) entrelacé(s) pour la circulation à travers elle desdits gaz, et a la forme d'un anneau (2), caractérisé en ce qu'il est constitué d'un empilement sensiblement coaxial d'au moins deux dits anneaux (2). Un tel dispositif peut notamment être utilisée pour être monté sur des brûleurs domestiques cylindriques. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

- EP 0635677 A1 19950125 - GAZ DE FRANCE [FR]
- JP S58205012 A 19831129 - HARAYAMA IWAO

Citation (search report)

- [A] US 3144073 A 19640811 - COREY RONALD D
- [A] EP 0636837 A2 19950201 - GEN ELECTRIC [US]
- [AD] EP 0635677 A1 19950125 - GAZ DE FRANCE [FR]
- [A] GB 2231949 A 19901128 - BURCO DEAN APPLIANCES LTD [GB]

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