

Title (en)

Premix type multiport burner.

Title (de)

Vormischbrenner mit einer Vielzahl an Auslässen.

Title (fr)

Brûleur à buses multiples du type à prémélange.

Publication

**EP 0355953 A1 19900228 (EN)**

Application

**EP 89305507 A 19890601**

Priority

GB 8813026 A 19880602

Abstract (en)

A premix multiport burner in which one port 2 min has a bore portion formed by an aperture restricting means 4, which bore portion is smaller in area than that of the remaining ports 2 and a thermocouple probe 5 extending through the aperture restricting means 4 into the port 2 min to detect the presence of a flame within the port 2 min .

IPC 1-7

**F23D 14/72**; **F23N 5/10**

IPC 8 full level

**F23N 5/10** (2006.01); **F23N 5/24** (2006.01)

CPC (source: EP)

**F23N 5/107** (2013.01); **F23N 5/242** (2013.01); **F23N 2225/16** (2020.01); **F23N 2231/28** (2020.01); **F23N 2235/12** (2020.01)

Citation (search report)

- [A] US 2340899 A 19440208 - RAY WILLIAM R
- [A] DE 2614708 B2 19801113
- [A] DE 3636294 A1 19870430 - RINNAI KK [JP]

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EP0898118A3

Designated contracting state (EPC)

BE DE ES FR GB IT NL

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**GB 2219388 A 19891206**; **GB 2219388 B 19920429**; **GB 8813026 D0 19880706**; DE 68900918 D1 19920409; EP 0355953 A1 19900228; EP 0355953 B1 19920304; ES 2029375 T3 19920801; JP H0229507 A 19900131; JP H0512617 B2 19930218

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