

Title (en)

Modular gas burner assembly.

Title (de)

Modularer Aufbau eines Gasbrenners.

Title (fr)

Assemblage modulaire d'un brûleur à gaz.

Publication

EP 0371715 A1 19900606 (EN)

Application

EP 89312256 A 19891127

Priority

GB 8827729 A 19881128

Abstract (en)

A gas burner assembly, such as for a boiler, is built up from easily assembled prefabricated units enabling the assembly configuration, the heat output and the control system to be selected at a relatively late production stage thereby facilitating the manufacture of a range of boilers of different kinds and with different requirements. The basic units are a control body (20) which mounts various control modules (22, 23,32) selected according to the desired control functions, a burner (1) which is sectioned to enable expansion to the required size, and a manifold (2) which interconnects the control body and burner and can be connected to each in different orientations.

IPC 1-7

F23D 14/10; **F23D 14/46**

IPC 8 full level

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CPC (source: EP)

F23D 14/045 (2013.01); **F23D 14/46** (2013.01)

Citation (search report)

- GB 20295564 A
- US 4655705 A 19870407 - SHUTE ALAN B [US], et al
- FR 2196058 A5 19740308 - JUNKERS & CO [DE]
- CH 663654 A5 19871231 - LANDIS & GYR AG
- DE 1551819 A1 19700514 - RHEINSTAHL FEUERUNGSTECHNIK GM
- FR 1422286 A 19651224 - CHAFFOTEAUX ET MAURY
- GB 2134642 A 19840815 - FURIGAS
- [A] PATENT ABSTRACTS OF JAPAN, vol. 8, no. 177 (M-317)[1614], page 95 M 317, 15th August 1984; & JP-A-59 69 607 (MATSUSHITA DENKI K.K.) 19-04-1984

Cited by

US8342419B2; EP0452108A1; US7811082B2; US7363923B2

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