

Title (en)

Gas-fired heating apparatus, especially a water heater

Title (de)

Gasheizgerät, insbesondere für Wassererhitzer

Title (fr)

Appareil de chauffage à gaz, notamment un chauffe-eau

Publication

EP 0866270 A3 19990818 (DE)

Application

EP 97121200 A 19971203

Priority

DE 19711151 A 19970318

Abstract (en)

[origin: EP0866270A2] To the burner zones combustion air is fed by a blower and combustion gas is fed in a regulated fashion via individual conduits. The combustion air like the combustion gas is fed to each burning zone (22a, b, c, d) via a single channel (24a, b, c, d). In a main conduit (32) feeding all combustion gas individual conduits (58a, b, c, d) a gas/air compound regulator controlled by air volume flow is installed. For connecting and disconnecting the gas feed to individual burning zones (22a, b, c, d), on/off valves are provided in the corresponding combustion gas individual conduits (58a, b, c, d).

IPC 1-7

F23D 14/60; **F23N 1/02**

IPC 8 full level

F23D 14/04 (2006.01); **F23D 14/60** (2006.01); **F23N 1/02** (2006.01); **F23N 5/18** (2006.01)

CPC (source: EP)

F23D 14/045 (2013.01); **F23D 14/60** (2013.01); **F23N 1/02** (2013.01); **F23N 1/027** (2013.01); **F23N 2005/181** (2013.01); **F23N 2225/06** (2020.01); **F23N 2233/06** (2020.01); **F23N 2235/18** (2020.01); **F23N 2235/20** (2020.01); **F23N 2237/02** (2020.01); **F23N 2237/20** (2020.01)

Citation (search report)

- [A] DE 910585 C 19540503 - RICHARD HUELZER
- [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 022 (M - 272) 31 January 1984 (1984-01-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 227 (M - 1597) 25 April 1994 (1994-04-25)
- [AP] PATENT ABSTRACTS OF JAPAN vol. 098, no. 002 30 January 1998 (1998-01-30)

Cited by

WO02095294A1; EP1083386A1; US7494337B2; US6312250B1; WO0063616A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

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