

Title (en)

Heating device and its method of operation

Title (de)

Heizungsvorrichtung und Verfahren zu deren Betrieb

Title (fr)

Dispositif de chauffage et son procédé de fonctionnement

Publication

**EP 1798470 B1 20080305 (DE)**

Application

**EP 05027165 A 20051213**

Priority

EP 05027165 A 20051213

Abstract (en)

[origin: EP1798470A1] The heating device has a burner (1) which can be operated in at least two load stage. The exhaust gas return device (9) can be controlled dependent on the load stage of the burner, so that the volume flow of the returned exhaust gas is reduced as the load stage of the burner is increase. It may be possible to modulate the burner in its load stages.

IPC 8 full level

**F23C 3/00** (2006.01)

CPC (source: EP US)

**F23C 3/002** (2013.01 - EP US); **F23C 9/00** (2013.01 - EP US); **F23D 14/126** (2021.05 - EP US); **F23D 14/151** (2021.05 - EP US); **F24H 3/006** (2013.01 - US); **F24H 9/0068** (2013.01 - US); **F24H 9/2085** (2013.01 - EP US); **F24H 15/31** (2022.01 - EP US); **F24H 15/35** (2022.01 - EP US); **F24H 15/36** (2022.01 - EP US)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1798470 A1 20070620**; **EP 1798470 B1 20080305**; AT E388374 T1 20080315; CA 2571126 A1 20070613; CA 2571126 C 20150210; DE 502005003135 D1 20080417; PL 1798470 T3 20080829; US 2007221196 A1 20070927; US 2014011140 A1 20140109; US 8475163 B2 20130702

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