

Title (en)

Heating device and method of operating the same

Title (de)

Heizgerät und Verfahren zum Betrieb eines Heizgerätes

Title (fr)

Dispositif de chauffage et procédé de fonctionnement d'un tel dispositif

Publication

**EP 2442027 A3 20171122 (DE)**

Application

**EP 11185207 A 20111014**

Priority

TR 201008484 A 20101015

Abstract (en)

[origin: EP2442027A2] The device (1) has an exhaust gas blower (22) for collecting and discharging exhaust gas present in an exhaust chamber (9) to an exhaust gas removal unit (6). The blower sucks the exhaust gas using the chamber via a first opening (25) and discharges the gas in the removal unit via second opening (26). The openings are arranged in a housing (24). The housing is provided with a third opening (21) for recirculation of an exhaust gas partial stream (62) from the blower into a supply unit (5) for combustion air (51), where the blower is provided in the housing. An independent claim is also included for a method for operating a heating device for combustion of combustion gas-air-mixture.

IPC 8 full level

**F23C 9/08** (2006.01); **F24C 3/00** (2006.01); **F24C 15/00** (2006.01)

CPC (source: EP)

**F23C 9/08** (2013.01); **F24C 3/004** (2013.01); **F24C 15/002** (2013.01); **F23C 2900/03007** (2013.01); **F24D 2200/04** (2013.01)

Citation (search report)

- [XY] DE 3340848 A1 19840802 - VAILLANT JOH GMBH & CO [DE]
- [Y] US 2007224556 A1 20070927 - SPRINGSTEAD MICHAEL L [US]
- [YD] EP 0272660 A2 19880629 - DREIZLER WALTER [DE]

Cited by

GB2530061A; WO2020108817A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2442027 A2 20120418**; **EP 2442027 A3 20171122**; TR 201008484 A2 20120521

DOCDB simple family (application)

**EP 11185207 A 20111014**; TR 201008484 A 20101015