

Title (en)

METHOD FOR REGULATING A HEATING DEVICE, AND HEATING DEVICE

Title (de)

VERFAHREN ZUR REGELUNG EINER HEIZEINRICHTUNG UND HEIZEINRICHTUNG

Title (fr)

PROCÉDÉ DE RÉGULATION D'UN SYSTÈME DE CHAUFFAGE ET SYSTÈME DE CHAUFFAGE

Publication

EP 2888530 A1 20150701 (DE)

Application

EP 13753841 A 20130819

Priority

- DE 102012016606 A 20120823
- EP 2013067215 W 20130819

Abstract (en)

[origin: WO2014029721A1] The invention relates to a method for regulating a heating device and to a heating device which has a combustion chamber, wherein combustion air is introduced into the combustion chamber by means of a controllable blower. Here, a rotational speed of the blower wheel is detected. A problem addressed by the invention is that of making it possible to determine the volume flow rate of air with little outlay. The method according to the invention is characterized in that a static pressure and/or a power consumption of the blower is determined, wherein a volume flow rate of the combustion air is determined on the basis of the rotational speed in conjunction with the static pressure or the power consumption. For this purpose, the heating device has a rotational speed sensor and a pressure sensor and/or a power sensor.

IPC 8 full level

F23N 3/08 (2006.01)

CPC (source: EP KR US)

F23N 3/002 (2013.01 - EP KR US); **F23N 3/082** (2013.01 - EP KR US); **F23N 2225/06** (2020.01 - EP US); **F23N 2233/08** (2020.01 - EP US); **F23N 2241/04** (2020.01 - EP US); **F23N 2900/05181** (2013.01 - US)

Citation (search report)

See references of WO 2014029721A1

Cited by

WO2020043887A1; US11421876B2

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)

WO 2014029721 A1 20140227; AU 2013305101 A1 20150409; AU 2013305101 B2 20170824; CN 104583679 A 20150429; CN 104583679 B 20171117; DE 102012016606 A1 20140227; EP 2888530 A1 20150701; EP 2888530 B1 20170412; ES 2632942 T3 20170918; KR 102119376 B1 20200609; KR 20150045440 A 20150428; PT 2888530 T 20170508; US 2015233578 A1 20150820

DOCDB simple family (application)

EP 2013067215 W 20130819; AU 2013305101 A 20130819; CN 201380044363 A 20130819; DE 102012016606 A 20120823; EP 13753841 A 20130819; ES 13753841 T 20130819; KR 20157004326 A 20130819; PT 13753841 T 20130819; US 201314423323 A 20130819