

Title (en)

AIR PROPORTIONAL CONTROL TYPE COMBUSTION DEVICE AND METHOD FOR ADJUSTING HEAT AMOUNT THEREOF

Title (de)

VERBRENNUNGSVORRICHTUNG MIT PROPORTIONALER LUFTSTEUERUNG UND VERFAHREN ZUR EINSTELLUNG DER WÄRMEMENGE DAFÜR

Title (fr)

DISPOSITIF DE COMBUSTION DE TYPE À COMMANDE PROPORTIONNELLE D'AIR ET PROCÉDÉ POUR AJUSTER LA QUANTITÉ DE CHALEUR DE CELUI-CI

Publication

EP 2940387 A4 20160817 (EN)

Application

EP 13866775 A 20131212

Priority

- KR 20120156154 A 20121228
- KR 2013011553 W 20131212

Abstract (en)

[origin: EP2940387A1] Disclosed are an air proportional control type combustion device and a method for adjusting the heat amount thereof. The combustion device according to the present invention, which controls the output heat amount by controlling the RPM of a blower, is capable of compensating for an air flow rate with respect to external circumstances such as place of installation, blocking of a gas duct, and seasonal changes, or the RPM of the blower caused by such situational changes. In a case where there is a difference between air pressure (Act. APS) measured after the blower is driven at a reference RPM (Ref. RPM) in a state where gas supply is blocked and reference air pressure (Ref. RPM), the combustion device compensates for the difference while causing the RPM to vary and applies the varied RPM as a new reference RPM.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 2014104626A1

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