

Title (en)  
METHOD FOR CONTROLLING A BURNER DEVICE WITH POWER DETERMINATION BASED ON A FUEL PARAMETER

Title (de)  
VERFAHREN ZUR REGELUNG EINER BRENNEREINRICHTUNG MIT LEISTUNGSERMITTLUNG ÜBER EINEN BRENNSTOFFPARAMETER

Title (fr)  
PROCÉDÉ DE RÉGULATION D'UN DISPOSITIF DE BRÛLEUR AVEC DÉTERMINATION DE LA PUISSANCE À L'AIDE D'UN PARAMÈTRE DE COMBUSTIBLE

Publication  
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Application  
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Priority  
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Abstract (en)  
[origin: CN114963230A] The power output is determined by a fuel parameter. A method for adjusting a burner apparatus, the burner apparatus comprising: a combustion chamber; an air supply duct leading to the combustion chamber and including an air actuator to adjust a value of an air supply amount through the air supply duct; and a fuel supply conduit leading to the combustion chamber and comprising a fuel actuator in order to adjust a value of a fuel supply amount through the fuel supply conduit, the method comprising the steps of: measuring and/or pre-determining a value of an air supply amount through the air supply conduit; measuring and/or pre-determining a value of the air ratio lambda; providing a fuel parameter h; calculating an actual value  $P_{ist}$  of the power output of the burner device from said value of the air supply, the value of the air ratio lambda, and the fuel parameter h; the burner device is adjusted by means of an actuator selected from a fuel actuator and an air actuator as a function of the actual value  $P_{ist}$  of the power output and the target value  $P_{soll}$  of the power output.

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