Title (en)

ELECTRONIC CONTROL MODULE AND METHOD FOR CONTROLLING THE OPERATION AND SAFETY OF AT LEAST ONE RADIANT TUBE BURNER

Title (de)

ELEKTRONISCHES STEUERUNGSMODUL UND VERFAHREN ZUR STEUERUNG DES BETRIEBS UND DER SICHERHEIT VON MINDESTENS EINER STRAHLBRENNERVORRICHTUNG

Title (fr)

MODULE DE CONTRÔLE ÉLECTRONIQUE ET PROCÉDÉ DE CONTRÔLE DU FONCTIONNEMENT ET DE LA SÉCURITÉ D'AU MOINS UN BRÛLEUR À TUBE RADIANT

Publication

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Application

EP 16836201 A 20161215

Priority

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Abstract (en)

[origin: WO2017103000A1] The invention relates to a control module for controlling at least one radiant tube burner, the burner comprising a fuel supply valve, an oxidant supply valve and a combustion fume discharge conduit, wherein the control module comprises: a means for measuring the quality of combustion, installed in the combustion fume discharge conduit of said at least one burner, a unit for measuring the fuel flow rate, a unit for measuring the oxidant flow rate, and a means for driving said at least one burner, acting on the opening percentages of the oxidant and fuel supply valves of said at least one burner in order to adjust the ratio of the oxidant flow rate to the fuel flow rate on the basis of the information delivered by the means for determining combustion quality.

IPC 8 full level

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