

Title (en)

METHOD FOR OPERATING A BURNER ASSEMBLY AND BURNER ASSEMBLY FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUM BETREIBEN EINER BRENNERANORDNUNG UND BRENNERANORDNUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UN ENSEMBLE DE BRÛLEUR ET ENSEMBLE DE BRÛLEUR POUR CONDUIRE LE PROCÉDÉ

Publication

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Application

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Abstract (en)

[origin: WO2021204471A1] The invention relates to a method for operating a burner assembly comprising a burner (1) which burns an air-fuel mixture. In one step of the method, a target value is specified for an ionisation current. The burner (1) is operated in a first operating state at a first predefined power level. The ionisation current (9) is measured using an ionisation electrode (5). The measured ionisation current (9) is compared with the predefined target value and a deviation is determined. If the deviation exceeds a predefined threshold value, the burner (1) is transferred to a second operating state at a second power level. The second power level is higher than the first power level. The second power level is determined according to the deviation.

IPC 8 full level

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CPC (source: EP US)

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