

Title (en)

Process for the operation of a gasified-oil burner/heating boiler equipment.

Title (de)

Verfahren zum Betrieb einer Vergasungsbrenner/Heizkesselanlage.

Title (fr)

Procédé pour faire fonctionner une installation de brûleur à gazéification/chaudière de chauffage.

Publication

EP 0040736 A1 19811202 (DE)

Application

EP 81103529 A 19810508

Priority

DE 3019622 A 19800522

Abstract (en)

[origin: US4406611A] The invention relates to a method for operating a gasification (or vaporizing) burner/heating boiler installation and has the objective to develop such an installation in such a manner that it can be operated controllably. According to the invention, the required burner output is determined for this purpose from the outside air temperature, and then the mass flows of the heating oil and the air are controlled as a function of the demanded burner output, deviations from the stoichiometric ratio between the heating oil and the air being leveled-out by means of a lambda-probe arranged in the exhaust gas stream.

Abstract (de)

Die Erfindung betrifft ein Verfahren zum Betrieb einer Vergasungsbrenner/Heizkesselanlage, bei dem aus der Aussenlufttemperatur die erforderliche Brennerleistung ermittelt und dann in Abhängigkeit von der geforderten Brennerleistung die Massenströme von Heizöl und Luft gesteuert werden, wobei Abweichungen vom stöchiometrischen Verhältnis zwischen Heizöl und Luft mittels einer im Abgasstrom angeordneten λ -Sonde (30) geregelt werden.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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DOCDB simple family (application)

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