

Title (en)
METHOD FOR OPERATING A BURNER WITH STAGED PREMIX GAS INJECTION

Title (de)
VERFAHREN ZUM BETRIEB EINES BRENNERS MIT GESTUFTER VORMISCHGAS-EINDÜSUNG

Title (fr)
PROCEDE POUR L'EXPLOITATION D'UN BRULEUR A PREMELANGE AVEC INJECTION ETAGEE DE GAZ

Publication
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Application
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Abstract (en)
[origin: US2003152880A1] The present invention relates to a method of operating a burner, which comprises at least one first fuel supply conduit (5) with a first group of fuel outlet openings (6), essentially arranged in the direction of a burner longitudinal axis (3), for a first premix fuel quantity and one or a plurality of second-fuel supply conduits (7) with a second group of fuel outlet openings (8), essentially arranged in the direction of the burner longitudinal axis (3), for a second premix fuel quantity, it being possible to admit fuel to the second fuel supply conduits (7) independently of the first fuel supply conduit (5). In the method, both fuel supply conduits (5, 7) are operated with the same fuel. By means of the present method of operating a burner, optimum mixing conditions can be set even in the case of different loads, gas qualities or gas preheat temperatures.

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Cited by
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