

Title (en)
Method for fuel combustion

Title (de)
Verfahren zur Kraftstoffverbrennung

Title (fr)
Procédé pour la combustion de carburant

Publication
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Application
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Priority
RU 2006110900 A 20060404

Abstract (en)
[origin: EP1852656A1] Method for fuel combustion wherein the main fuel stream (1) is divided into three smaller streams (or groups of streams) (2), which subsequently one after each other fall in various sections into an air flow (3) in the casing, wherein the time of the distribution along the distributing tube from the fall of the first stream (or the first group of streams) to the fall of the last stream (or the last group of streams) is the period T feed , then the fuel and air are mixed in a flow during the period T mix , wherein "poor" homogeneous air/fuel mixture is created, and this mixture then falls in the hot combustion products in a half-limited (with one opened end) combustion tube (4) where the mixture burns during the period T comb and combustion gases are created and the heat is released, wherein the streams (or groups of streams) of the fuel are brought to the air stream according a certain relation. The presented invention allows to improve the stability of the combustion process

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Cited by
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