

Title (en)  
BURNER AND METHOD FOR OPERATING A BURNER

Title (de)  
BRENNER UND VERFAHREN ZUM BETRIEB EINES BRENNERS

Title (fr)  
BRÛLEUR ET PROCÉDÉ D'UTILISATION D'UN BRÛLEUR

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Application  
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Abstract (en)  
[origin: WO2010037627A2] The invention relates to a burner (100) and to a method for operating a burner (100). The burner (100) comprises a channel (1) having a mixing zone (2) and having a feed for an oxidation means, particularly an air feed (16), and at least one fuel feed for injecting fuel, wherein a separating means (15) which divides the channel (1) over a wide range of the channel into at least two separated channels, namely a first channel (3a) and a second channel (3b), is provided in the channel (1). The method for operating a burner (100) having a channel (1) comprises a pre-mixing zone (2) into which an oxidation mass flow and fuel are injected, wherein two substantially separate flow paths are formed by means of a separating means (15) in the channel (1) and the at least two separated first and second channels (3a), (3b) formed by said separating means.

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