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(54) **Burner with center air jet**

(57) A new burner apparatus and method of combusting fossil fuels for commercial and industrial application is provided wherein the new burner apparatus

achieves low NO_x emissions by supplying oxygen to the center of the burner flame in as manner so as to create a fuel rich internal combustion zone within the burner flame.

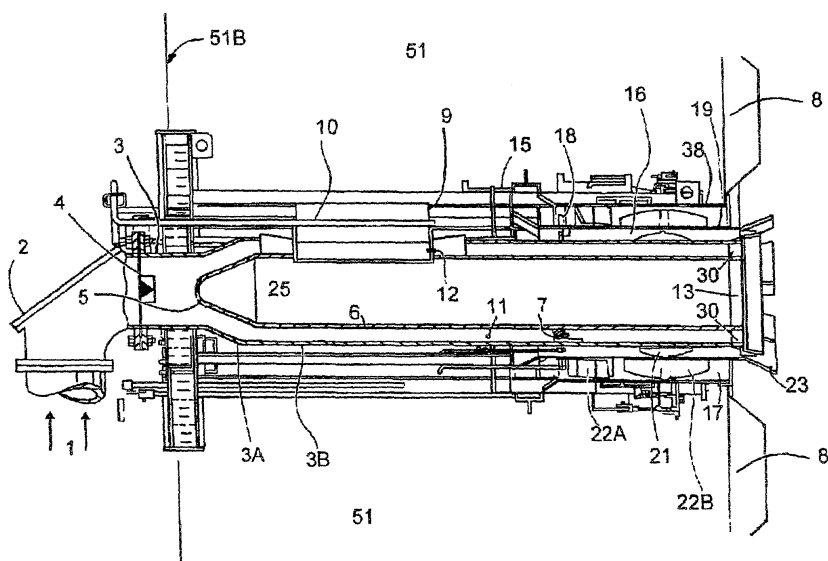


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 09 15 1678

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 28 April 2010	Examiner Theis, Gilbert
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)

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