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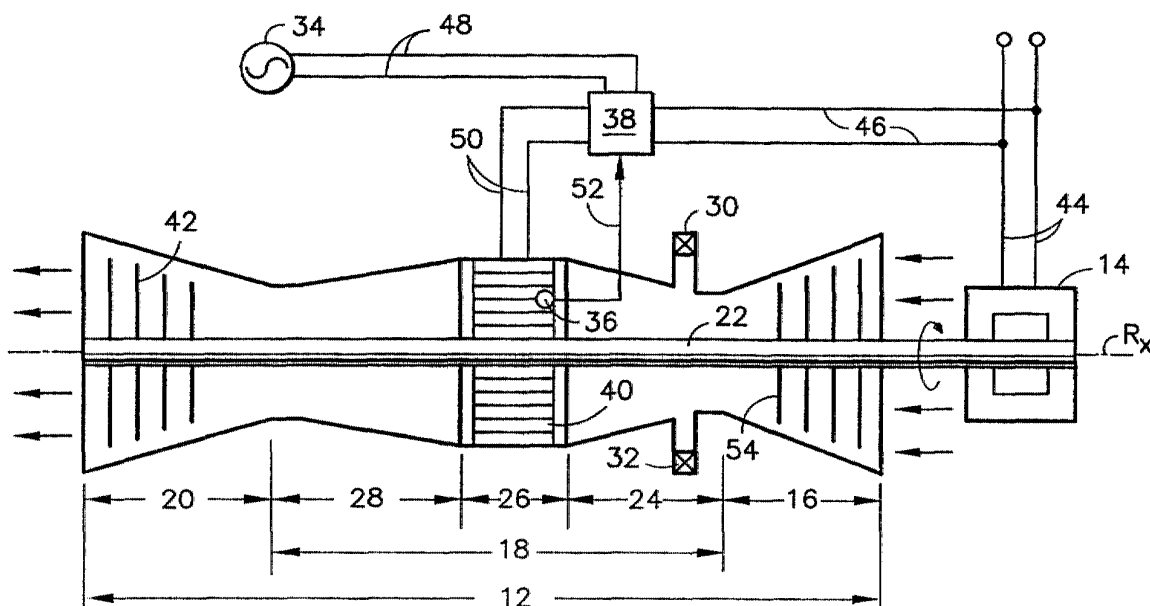
(30) Priority: **14.12.1998 US 211147**

(54) **A gas turbine with a catalytic combustor and method of operating such a gas turbine**

(57) The present invention is a method and apparatus for operating a gas turbine that includes a catalytic combustor. The catalyst in the catalytic combustor is electrically heated, thereby initiating catalytic combustion

without preheating the intake air. Eliminating the need to preheat the intake air allows removal of the preburner which otherwise produces an undesirable amount of oxides of nitrogen NO_x , especially at start up and low load conditions.

FIG.2



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EUROPEAN SEARCH REPORT

Application Number
EP 99 12 4944

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Place of search THE HAGUE		Date of completion of the search 18 January 2002	Examiner Argentini, A
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EPO FORM 1503-03-82 (P04C01)

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