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(54) Title: SYSTEM AND METHOD OF OPERATING A GAS TURBINE ENGINE WITH AN ALTERNATE WORKING FLUID

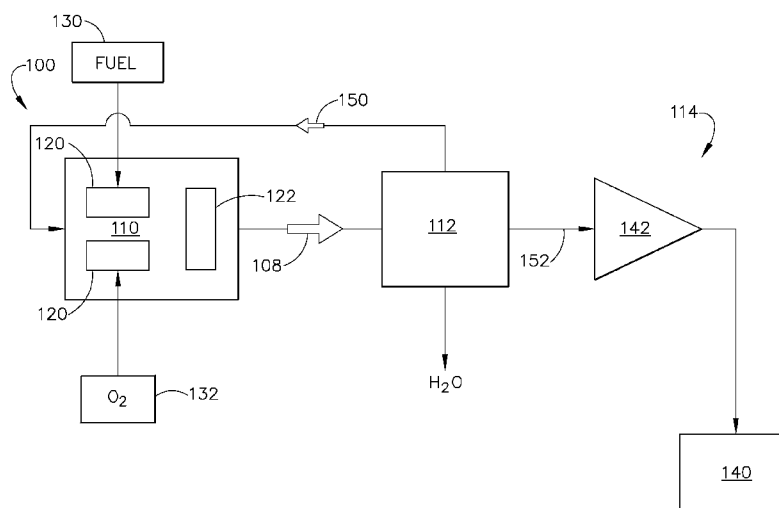


FIG. 2

(57) Abstract: A gas turbine engine system is provided. The gas turbine engine system includes a gas turbine engine and an exhaust gas conditioning system. The gas turbine engine includes at least one combustion chamber and at least one turbine downstream from the combustion chamber. The combustion chamber is coupled in flow communication to a source of hydrocarbonaceous fuel and to a source of oxygen. The gas turbine engine is operable with a working fluid that is substantially nitrogen-free. The exhaust gas conditioning system is coupled between a discharge outlet of the gas turbine engine and an inlet of the gas turbine engine.



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F02C

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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/177617 A1 (FRUTSCHI HANS ULRICH [CH] ET AL) 16 September 2004 (2004-09-16) paragraph [0005] paragraph [0017] - paragraph [0018] figure 1	1-20
X	WO 03/027460 A1 (ALSTOM SWITZERLAND LTD [CH]; FRUTSCHI HANS ULRICH [CH]; GRIFFIN TIMOTH) 3 April 2003 (2003-04-03) figure 1 * abstract	1-20



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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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