Title: METHOD AND SYSTEM FOR RECOVERING HIGH POWER OUTPUT OPERATION OF HIGH TEMPERATURE FUEL CELLS BY USING A RAPID LOAD RECOVERY PROCEDURE

Abstract: A fuel cell system for receiving input fuel, input water and input oxidant comprising a humidifying assembly for combining the input fuel with input water to produce humidified fuel, a fuel cell having an anode for receiving the humidified fuel and a cathode for receiving the input oxidant, and a power load controller for controlling a power load on the fuel cell system based on a power output set point and changes in the detected load. If the load drops from a high load to a low load and ability to ramp to a high target power output is thereafter restored, the controller is adapted to perform a rapid load recovery procedure by controlling the power output of the fuel cell system to increase from a power output corresponding to the low load to the high target power output corresponding to the high load at a first predetermined rate.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8)- H01M 8/04 (2007.10)
USPC - 429/23
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC(8)- H01M 8/00, 8/04 (2007.10)
USPC - 429/13, 23

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Patbase.com, IP.com, IEEExplorer

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
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</table>

☐ Further documents are listed in the continuation of Box C.

* Special categories of cited documents:
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Date of the actual completion of the international search 12 December 2007

Date of mailing of the international search report 14 FEB 2008

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