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- with international search report (Art. 21(3))
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[Continued on next page]

(54) Title: FUEL CELL PURGE SYSTEM

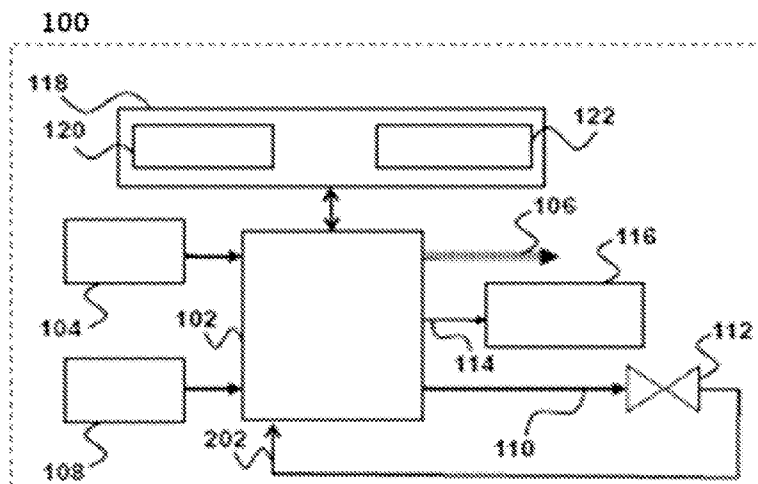


FIGURE 1

(57) Abstract: A fuel cell purge system including a fuel cell assembly, a fuel supply that supplies fuel to the fuel cell assembly at a first flow rate, an adjustable load that applies a load on the fuel cell assembly, and a purge valve coupled to the fuel cell assembly, and a purge management module. The fuel cell purge system purges the fuel cell assembly by detecting a purge initiation event, adjusting a system parameter to initiate a purge, detecting a purge completion event, and adjusting a system parameter to cease the purge.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H01M 8/04 (2012.01)

USPC - 429/430

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) - G01R 31/16; G05D 7/00; H01G 9/00; H01M 8/00, 8/04, 8/06, 8/22, 10/44, 16/00 (2012.01)

USPC - 429/430, 443, 444, 483

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, Google

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ---	US 2009/0269634 A1 (FABIAN et al.) 29 October 2009 (29.10.2009) entire document	1-22, 24-33
Y		23, 34
Y	US 2009/0117420 A1 (NAKAKUBO) 07 May 2009 (07.05.2009) entire document	23, 34
A	Definition of course work technical terms. Southwest Tech, 2002-2006. [Retrieved on 2012-02-08]. Retrieved from the Internet <URL: http://www.swtc.edu/Ag_Power/hydraulics/terms.htm > entire document	23, 34
A	US 2008/0044691 A1 (WAKE et al.) 21 February 2008 (21.02.2008) entire document	1-34

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:

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“O” document referring to an oral disclosure, use, exhibition or other means	“&” document member of the same patent family
“P” document published prior to the international filing date but later than the priority date claimed	

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