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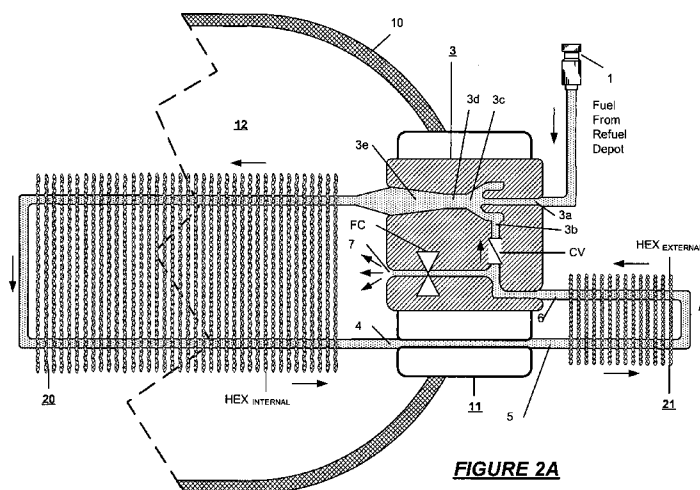


FIGURE 2A

(57) Abstract: A heat management system for a high pressure gas tank comprising a circulation path for the gas including a path through an internal heat exchanger in the tank and a path through a heat exchanger external to the tank, wherein, in the instance of refueling, the refueling gas circulates multiple times in the path through the internal heat exchanger and the external heat exchanger and in the course of circulation, the gas is cooled and a portion of the gas from the refuel line is introduced into the tank. In the instance of driving, the gas circulates in a path through the external heat exchanger and through the internal heat exchanger to warm the gas remaining in the tank.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. F17C13/12

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
F17C

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 practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2007/000562 A1 (HANDA KIYOSHI [US]) 4 January 2007 (2007-01-04) paragraph [0022] - paragraph [0036] -----	1-15
A	US 2006/180235 A1 (KUBO HIDEHITO [JP] ET AL) 17 August 2006 (2006-08-17) paragraph [0024] - paragraph [0068] -----	1-15
A	DE 23 43 009 A1 (GNI ENERGETICHESKY INST) 20 March 1975 (1975-03-20) page 3, paragraph 6; figure 1 -----	1-15
A	EP 1 722 152 A (HONDA MOTOR CO LTD [JP]) 15 November 2006 (2006-11-15) paragraph [0019] - paragraph [0035] -----	1-15

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☒ See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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