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[Continued on next page]

(54) Title: USE OF FOAM SHAPER MEMORY POLYMER TO TRANSPORT ACID OR OTHER WELLBORE TREATMENTS

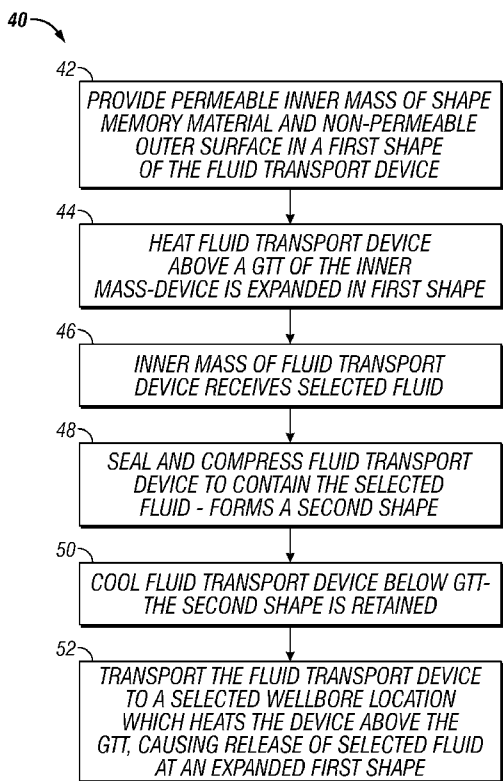


FIG. 6

(57) Abstract: In aspects, the present disclosure provides a device that includes a shape memory member having a sealed outer surface and a permeable inner mass and a selected fluid placed and sealed within the inner mass at a first temperature. The selected fluid is released from the inner mass when the shape memory member is heated to a second temperature.



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A. CLASSIFICATION OF SUBJECT MATTER*E21B 33/12(2006.01)i, E21B 33/122(2006.01)i*

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)

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: shape memory, foam, treatment

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 04611664 A (OSTERHOUDT, III; M. GLENN et al.) 16 September 1986 See the abstract, column 4, lines 21-27 and figure 2	1-21
A	US 2004-0014607 A1 (A., RICHARD SINCLAIR et al.) 22 January 2004 See the abstract and paragraphs 0021,0034	1-21
A	US 6613720 B1 (FERAUD; JEAN PIERRE et al.) 02 September 2003 See the abstract and claim 1	1-21
A	US 2008-0296020 A1 (WILLAUER DARRIN L.) 04 December 2008 See paragraphs 0014,0015,0017,0042 and figures 1,2	1-21

 Further documents are listed in the continuation of Box C. See patent family annex.

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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