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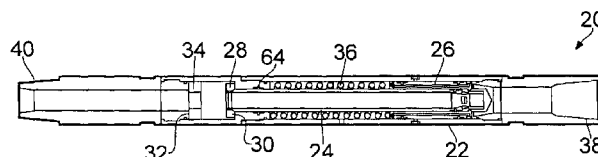


FIG. 2

(57) Abstract: A flow stop valve (20) positioned in a downhole tubular (6), wherein: the flow stop valve (20) is in a closed position when a pressure difference between fluid outside the downhole tubular (6) and inside the downhole tubular (6) at the flow stop valve (20) is below a threshold value, thereby preventing flow through the downhole tubular; and the flow stop valve (20) is in an open position when the pressure difference between fluid outside the downhole tubular (6) and inside the downhole tubular (6) at the flow stop valve (20) is above a threshold value, thereby permitting flow through the downhole tubular (6).



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. E21B21/10

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)

E21B

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2007/124097 A2 (DUAL GRADIENT SYSTEMS L L C [US]; DE BOER LUC [US]) 1 November 2007 (2007-11-01) paragraph [0004] - paragraph [0010]; figure 1 paragraph [0028] - paragraph [0030] -----	1-3, 15, 27, 44-49
X	US 5 092 406 A (MCSTRAVICK DAVID M [US]) 3 March 1992 (1992-03-03) column 1, line 18 - column 3, line 2; figure 1 -----	1-3, 27, 44-45, 47
X	GB 2 251 446 A (BAKER HUGHES INC [US]) 8 July 1992 (1992-07-08) figures 1-3 -----	1-3, 15, 27, 44-45, 47



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INTERNATIONAL SEARCH REPORT

Information on patent family members

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