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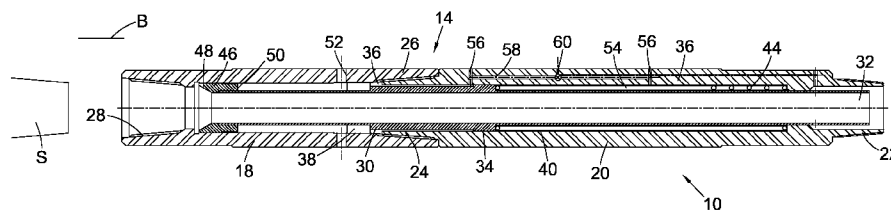


Fig. 1

(57) Abstract: A downhole tool (10) comprises a body (14), a mandrel (30) slidably disposed in the body (14), a piston (46) for moving the mandrel (30) relative to the body (14), and a lock having a first configuration which permits movement of the mandrel (30) by the piston (46) and a second configuration which provides a fluid lock across the mandrel (30) which prevents movement of the mandrel (30) by the piston (46). The lock comprises first and second fluid chambers (40, 42) filled with a substantially incompressible fluid and a control valve (60) configurable between an open configuration and a closed configuration, the control valve (60) in the closed configuration providing the fluid lock preventing movement of the mandrel (30).

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
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ADD.  
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B. FIELDS SEARCHED  
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Electronic data base consulted during the international search (name of data base and, where practicable, 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	US 2 951 539 A (MALONE ET AL.) 6 September 1960 (1960-09-06)  column 5, line 33 - line 43 column 6, line 74 - column 7, line 10 column 7, line 66 - column 8, line 11 column 8, line 23 - line 42; figures 7A, 7B  -----	1,2, 4-22,27, 28, 37-49, 52-54
X	US 3 298 441 A (YOUNG) 17 January 1967 (1967-01-17) column 6, line 48 - line 67  -----	1,22,23, 50
X	US 2009/095490 A1 (MORIARTY ET AL.) 16 April 2009 (2009-04-16) paragraphs [0041] - [0044]  -----	1,22-27
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See patent family annex.

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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  Rampelmann, Klaus
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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