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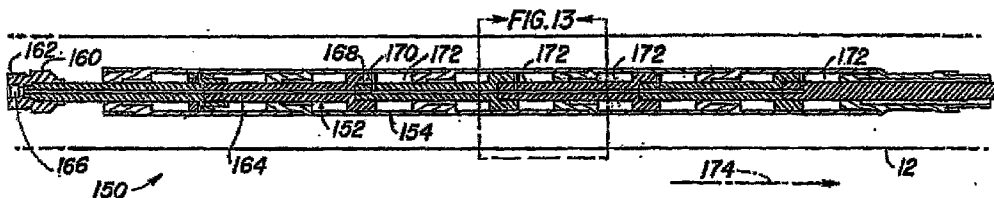
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(54) Title: DOWNHOLE ACTUATION TOOL



(57) Abstract: Disclosed herein is a device that relates to an actuator (150) comprising a plurality of individual piston chambers (172) pressurized by a common pressure source. A plurality of pistons are in operable communication with the piston chambers, the pistons each being in operable communication with an actuable device (10), such that the plurality of pistons simultaneously act upon the actuable device upon application of pressure to the plurality of piston chambers.

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**INTERNATIONAL SEARCH REPORT**

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**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. E21B41/00 E21B23/06

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	US 5 904 207 A (RUBBO RICHARD P [GB] ET AL) 18 May 1999 (1999-05-18) column 3, line 36 - column 4, line 64; figures 1c,1d	1-21
A	US 2003/150608 A1 (SMITH SIDNEY K [US] ET AL SMITH JR SIDNEY K [US] ET AL) 14 August 2003 (2003-08-14) column 3, paragraph 21; figures 3-5	1,16,17, 20,21

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

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- "P" document published prior to the international filing date but later than the priority date claimed

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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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			US	5685369 A	11-11-1997
US 2003150608	A1	14-08-2003	US	2006011340 A1	19-01-2006