Abstract: A downhole tool disposed in a drillstring includes a bypass valve unit including at least one bypass port, wherein the bypass port is configured to control fluid flow from a central bore of the drillstring to a wellbore annulus, and an activation sub having a frangible obstruction disposed in a central bore thereof and configured to prevent fluid flow to an anchor downhole during a circulation mode, wherein the frangible obstruction is configured to break at a specified fluid pressure in the central bore to allow fluid communication to below.

Published:

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— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

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A. CLASSIFICATION OF SUBJECT MATTER

E21B 23/01(2006.01)i, E21B 34/06(2006.01)i, E21B 17/00(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)
E21B 23/01; E21B 47/01; E21B 37/00; E21B 17/06; E21B 7/04; E21B 34/14; E21B 43/11; E21B 47/66

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 practical, search terms used)
eKOMPASS(KIPO internal) & Keywords: anchor, piston, bypass

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<tr>
<td>X</td>
<td>US 5445129 A (BAILEY; THOMAS P. et al.) 22 August 1995 See column 3, line 35 - column 11, line 50; and figures 6, 7, 10.</td>
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Date of the actual completion of the international search
31 JANUARY 2011 (31.01.2011)

Date of mailing of the international search report
07 FEBRUARY 2011 (07.02.2011)

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