

Title (en)
STRADDLE TOOL WITH DISCONNECT BETWEEN SEALS

Title (de)
SPREIZWERKZEUG MIT TRENNUNG ZWISCHEN DICHTUNGEN

Title (fr)
OUTIL DOUBLE À RACCORD DE DÉMONTAGE ENTRE DES JOINTS D'ÉTANCHÉITÉ

Publication
EP 3099891 A1 20161207 (EN)

Application
EP 14706704 A 20140131

Priority
NO 2014000010 W 20140131

Abstract (en)
[origin: WO2015115905A1] A bottom hole assembly (BHA) enables a one trip procedure to set a bridge plug and release from that bridge plug with the BHA. A perforating gun is fired and a straddle tool above the gun is repositioned to wash the perforations as the opposed packer cups are moved along the perforations. At the end of the washing step a dropped ball closes a circulation port above the upper packer cups and the ball seat is blown out. A disconnect releases the lower part of the straddle tool with the lower packer cups that are uphole oriented. Cement can now be delivered past the upper packer cups and pressurized to squeeze the cement into the perforations using the upper cups to hold the pressure. Another ported sub above the upper cups has a port opened to prevent swabbing as the BHA is removed.

IPC 8 full level
E21B 33/124 (2006.01); **E21B 33/134** (2006.01); **E21B 33/14** (2006.01); **E21B 33/16** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2015115905A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015115905 A1 20150806; EP 3099891 A1 20161207; US 2017067313 A1 20170309

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