

Title (en)
DOWNHOLE SUB WITH HYDRAULICALLY ACTUABLE SLEEVE VALVE

Title (de)
BOHRLOCHSTÜCK MIT HYDRAULISCH BEDIENBAREM HÜLSENVENTIL

Title (fr)
RACCORD DOUBLE FEMELLE DE FOND DE TROU COMPORTANT UNE SOUPAPE À MANCHON ACTIONNABLE HYDRAULIQUEMENT

Publication
EP 2513417 A4 20151118 (EN)

Application
EP 10836870 A 20101026

Priority
• US 28715009 P 20091216
• CA 2010001716 W 20101026

Abstract (en)
[origin: WO2011072367A1] A method for opening a port through the wall of a ported sub including: providing a hydraulically actuatable valve to cover the port, the valve being actuatable to move away from a position covering the port to thereby open the port; providing a removable pressure isolator that seals tubing pressure from accessing the valve; removing the pressure isolator from blocking access to the valve; increasing the pressure within the sub to move the valve towards a low pressure side, while the port remains closed by the valve; thereafter, reducing pressure within the sub; driving the valve to move it away from a position covering the port; and removing a portion of the pressure isolator to provide further fluid access through the ported sub.

IPC 8 full level
E21B 34/10 (2006.01); **E21B 33/124** (2006.01); **E21B 34/14** (2006.01); **E21B 43/12** (2006.01); **E21B 43/14** (2006.01)

CPC (source: EP US)
E21B 23/006 (2013.01 - EP); **E21B 33/124** (2013.01 - EP); **E21B 34/10** (2013.01 - EP); **E21B 34/142** (2020.05 - EP US); **E21B 43/12** (2013.01 - EP); **E21B 43/14** (2013.01 - EP); **E21B 2200/06** (2020.05 - EP)

Citation (search report)
• [A] US 6082458 A 20000704 - SCHNATZMEYER MARK A [US]
• [A] US 2003127227 A1 20030710 - FEHR JIM [CA], et al
• See also references of WO 2011072367A1

Cited by
RU177288U1

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 2011072367 A1 20110623; AU 2010333653 A1 20120524; AU 2010333653 B2 20131219; CA 2776560 A1 20110623; EP 2513417 A1 20121024; EP 2513417 A4 20151118

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