

Title (en)

Single trip well abandonment with dual permanent packers and perforating gun

Title (de)

Verlassen vom Bohrloch in einem einzigen Arbeitsgang mit Doppelpermanentpacker und Bohrlochperforator

Title (fr)

Abandon de puits en une seule manoeuvre avec des garnitures d'étanchéité permanentes doubles et canon de perforation

Publication

**EP 2006486 A2 20081224 (EN)**

Application

**EP 08251821 A 20080523**

Priority

US 76664707 A 20070621

Abstract (en)

A method of abandoning a well includes the steps of: assembling a tool string (12) including a perforating gun (14) interconnected between first and second packer assemblies (24, 26); conveying the tool string (12) into a wellbore (20) in a single trip into the wellbore (20); setting the first packer assembly (24); setting the second packer assembly (26); firing the perforating gun (14); and flowing cement into an annulus longitudinally between the first and second packer assemblies (24, 26). A system for abandoning a well includes a tool string (12) configured for conveyance into a wellbore (20) in a single trip into the wellbore, the tool string (12) including a perforating gun (14) interconnected between first and second packer assemblies (24, 26), each of the first and second packer assemblies (24, 26) including a permanent packer.

IPC 8 full level

**E21B 33/12** (2006.01); **E21B 33/124** (2006.01); **E21B 33/134** (2006.01); **E21B 43/116** (2006.01)

CPC (source: EP US)

**E21B 33/12** (2013.01 - EP US); **E21B 33/124** (2013.01 - EP US); **E21B 33/134** (2013.01 - EP US)

Citation (applicant)

US 2005269083 A1 20051208 - BURRIS WESLEY J II [US], et al

Cited by

GB2558115A; GB2585566A; GB2585566B; GB2624438A; US8965146B2; US10301904B2; US10612342B2; GB2499172A; GB2499172B; GB2530701A; GB2530701B; EA025346B1; WO2015026239A3; WO2017043977A1; WO2013133720A1; WO2016100064A1; WO2019177466A1; WO2024105349A1; US9010425B2; US10180043B2; US10465462B2; WO2012096580A1; WO2015023190A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2006486 A2 20081224**; **EP 2006486 A3 20110831**; BR PI0802170 A2 20090331; US 2008314591 A1 20081225

DOCDB simple family (application)

**EP 08251821 A 20080523**; BR PI0802170 A 20080613; US 76664707 A 20070621