

Title (en)
CEMENTING SUB FOR ANNULUS CEMENTING

Title (de)
ZEMENTIERROHR FÜR RINGRAUMZEMENTIERUNG

Title (fr)
RACCORD DOUBLE FEMELLE DE CIMENTATION POUR CIMENTER L'ESPACE ANNULAIRE

Publication
EP 2297427 A4 20140625 (EN)

Application
EP 09753389 A 20090601

Priority
• CA 2009000748 W 20090601
• US 5740208 P 20080530

Abstract (en)
[origin: WO2009143628A1] A cementing sub for wellbore annulus cementing that allows certain regions of the wellbore annulus to be cemented while other regions are left open for perforating, activation or controllable ported access. The cementing sub may include a tubular body including a first end, an opposite end and a wall defined between an inner bore extending from the first end to the opposite end and an outer surface; a port through the wall of the tubular body providing communication between the inner bore and the outer surface, the port including an openable closure; a conduit along the wall of the tubular extending from an inlet adjacent the first end and an outlet adjacent the opposite end, the inlet and outlet opening to the outer surface and being isolated from communication with the inner bore; a first annular packer encircling the tubular body and positioned between the port and the inlet; and a second annular packer encircling the tubular body and positioned between the port and the outlet.

IPC 8 full level
E21B 33/14 (2006.01); **E21B 17/00** (2006.01); **E21B 33/124** (2006.01); **E21B 34/14** (2006.01)

CPC (source: EP US)
E21B 33/124 (2013.01 - EP US); **E21B 33/146** (2013.01 - EP US); **E21B 34/142** (2020.05 - EP US)

Citation (search report)
• [X] US 3194312 A 19650713 - THOMAS GEORGE A
• [XI] US 5337808 A 19940816 - GRAHAM STEPHEN A [US]
• [X] US 3456725 A 19690722 - HATCH JOHN R
• [A] US 5339901 A 19940823 - MCKINZIE HOWARD L [US]
• [AD] US 2003127227 A1 20030710 - FEHR JIM [CA], et al
• See references of WO 2009143628A1

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2009143628 A1 20091203; AU 2009253700 A1 20091203; CA 2726200 A1 20091203; EP 2297427 A1 20110323; EP 2297427 A4 20140625; US 2011079390 A1 20110407

DOCDB simple family (application)
CA 2009000748 W 20090601; AU 2009253700 A 20090601; CA 2726200 A 20090601; EP 09753389 A 20090601; US 99513809 A 20090601