

Title (en)
MUD LIFT DRILLING SYSTEM USING EJECTOR ASSEMBLY IN MUD RETURN LINE

Title (de)
SCHLAMMAUFZUGBOHRSYSTEM MIT VERWENDUNG EINER EJEKTORANORDNUNG IN DER SCHLAMMRÜCKLAUFLEITUNG

Title (fr)
SYSTÈME DE FORAGE À POMPAGE DE BOUE METTANT EN UVRE UN ENSEMBLE ÉJECTEUR DANS LA LIGNE DE RETOUR DE BOUE

Publication
EP 3262271 A1 20180103 (EN)

Application
EP 15882927 A 20150514

Priority
• US 201562121189 P 20150226
• CA 2015000317 W 20150514

Abstract (en)
[origin: WO2016134442A1] A method is described for controlling pressure in a wellbore drilled below the bottom of a body of water wherein the wellbore has a fluid outlet in communication with a working fluid inlet of an ejector assembly to return drilling fluid to a drilling platform on the water surface. The method includes pumping drilling fluid into a drill string extending from the drilling platform into the wellbore and at least one of, (i) introducing fluid into a power fluid inlet of the ejector assembly at a rate selected to remove fluid from the wellbore fluid outlet at a selected rate and (ii) operating a controllable flow restriction in a flow path from the wellbore fluid outlet to the working fluid inlet of the ejector assembly, in order to maintain a selected wellbore pressure.

IPC 8 full level
E21B 21/08 (2006.01)

CPC (source: EP US)
E21B 21/001 (2013.01 - EP US); **E21B 21/08** (2013.01 - EP US); **E21B 23/14** (2013.01 - US); **E21B 33/02** (2013.01 - US)

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 2016134442 A1 20160901; EP 3262271 A1 20180103; EP 3262271 A4 20181017; US 2018073314 A1 20180315

DOCDB simple family (application)
CA 2015000317 W 20150514; EP 15882927 A 20150514; US 201515552302 A 20150514