

Title (en)

LUBRICANT SUPPLY OF A BORE FOR LAYING A PIPELINE

Title (de)

SCHMIERMITTELVERSORGUNG EINER BOHRUNG ZUM VERLEGEN EINER ROHRLEITUNG

Title (fr)

ALIMENTATION EN LUBRIFIANT D'UN FORAGE DESTINÉ À LA POSE D'UNE CANALISATION

Publication

EP 2771532 B1 20150722 (DE)

Application

EP 12812848 A 20121217

Priority

- DE 102012002342 A 20120208
- DE 102012002417 A 20120209
- EP 2012005197 W 20121217

Abstract (en)

[origin: WO2013117208A2] The invention relates to a method for performing drilling in which a drilling device is moved from a starting point to a destination point along a drilling path, with force introduced via a pipe string, wherein an annular space between pipe string and stone, which is filled with a lubricant, is created during the drilling, the lubricant being supplied to the annular space via at least one lubricant line with a pump. The invention addresses the problem of improving the above-mentioned method such that longer pipe-laying is possible. The problem is solved by subdividing the drilling path lengthwise into sections, assigning a stone to each section, calculating a target quantity of lubricant to be dispensed for each section, incorporating an annular space volume provided in each section into the calculation, and incorporating a stone factor, resulting from the stone of the section and the absorption capacity of the stone with respect to the lubricant, into the calculation.

IPC 8 full level

E21B 7/26 (2006.01); **E21B 21/08** (2006.01)

CPC (source: EP US)

E21B 7/20 (2013.01 - EP); **E21B 21/08** (2013.01 - EP 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

DOCDB simple family (publication)

DE 102012002417 A1 20130808; EP 2771532 A2 20140903; EP 2771532 B1 20150722; WO 2013117208 A2 20130815; WO 2013117208 A3 20131219

DOCDB simple family (application)

DE 102012002417 A 20120209; EP 12812848 A 20121217; EP 2012005197 W 20121217