

Title (en)

METHOD AND SYSTEM FOR INHIBITING SLIP OF AN EXPANDABLE WELL TUBULAR ASSEMBLY

Title (de)

VERFAHREN UND SYSTEM ZUM BLOCKIEREN DES SCHLUPFES EINER EXPANDIERBAREN BOHRLOCHRÖHRENANORDNUNG

Title (fr)

PROCÉDÉ ET SYSTÈME PERMETTANT D'EMPÊCHER LE GLISSEMENT D'UN ENSEMBLE TUBULAIRE DE Puits EXTENSIBLE

Publication

EP 3112583 A1 20170104 (EN)

Application

EP 15174835 A 20150701

Priority

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Abstract (en)

Slip is inhibited in an area of overlap between a lower well tubular(1) of which an upper end is expanded against a lower end of a previously installed upper tubular(5) by providing the lower well tubular(1) with an outer surface having an upper section(8) that has a larger roughness than an inner surface(7) of the lower well tubular(1). Said upper section(8) may be roughened and/or coated with a coating(8) having a high friction coefficient, ($\mu_o > 0.055$) and the lower well tubular(1) may have an inner surface(7) coated with a lubricating coating ($\mu_i < 0.045$) and may be expanded an expansion cone(2) that presses the upper end of the lower tubular(1) against the lower end of the upper tubular(5).

IPC 8 full level

E21B 43/10 (2006.01)

CPC (source: EP)

E21B 43/103 (2013.01)

Citation (applicant)

WO 2012104257 A1 20120809 - SHELL INT RESEARCH [NL], et al

Citation (search report)

- [XYI] GB 2345308 A 20000705 - PETROLINE WELLSYSTEMS LTD [GB], et al
- [X] GB 2403745 A 20050112 - WEATHERFORD LAMB [US]
- [X] US 2004065445 A1 20040408 - ABERCROMBIE SIMPSON NEIL ANDRE [GB], et al
- [X] GB 2401890 A 20041124 - WEATHERFORD LAMB [US]
- [Y] WO 0133037 A1 20010510 - SHELL OIL CO [US], et al

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

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