

Title (en)
DOWNHOLE STROKING TOOL

Title (de)
BOHRLOCHSENKWERKZEUG

Title (fr)
OUTIL DE BATTAGE EN FOND DE TROU

Publication
EP 3070258 A1 20160921 (EN)

Application
EP 15160029 A 20150320

Priority
EP 15160029 A 20150320

Abstract (en)
A downhole stroking tool comprising a housing (2), a first chamber (3), a first tool part comprising a pump unit (5) providing pressurised fluid to the chamber, a shaft (6) penetrating the chamber (3), and a first piston (7) dividing the first chamber into a first chamber section (8, 8a) and a second chamber section (9, 9b). The piston (7) is connected to or forming part of the housing forming part of a second tool part (10) and is slidable in relation to the shaft (6) so that the housing (10) moves in relation to the shaft (6), the shaft being stationary in relation to the pump unit during pressurisation of the first or the second chamber section, generating a pressure on the piston, wherein the shaft is fixedly connected with the first tool part, and wherein the housing is slidable in relation to the first tool part and overlaps the first tool part.

IPC 8 full level
E21B 23/14 (2006.01); **E21B 4/06** (2006.01); **E21B 4/12** (2006.01); **E21B 4/14** (2006.01); **E21B 23/01** (2006.01)

CPC (source: EP)
E21B 23/01 (2013.01); **E21B 23/14** (2013.01)

Citation (search report)
• [A] US 2002157867 A1 20021031 - MOORE TERENCE ALEXANDER [GB]
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• [A] US 2014048288 A1 20140220 - CLEMENS JACK GAMMILL [US], et al
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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

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