

Title (en)
DOWNHOLE STROKING TOOL

Title (de)
BOHRLOCHSENKWERKZEUG

Title (fr)
OUTIL DE BATTAGE EN FOND DE TROU

Publication
EP 3112581 A1 20170104 (EN)

Application
EP 15174393 A 20150629

Priority
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Abstract (en)
The present invention relates to a downhole stroking tool for providing an axial force in an axial direction. The downhole stroking tool comprises a housing, a first chamber, a first tool part comprising a pump unit providing pressurised fluid to the chamber, a shaft penetrating the chamber, and a first piston dividing the first chamber into a first chamber section and a second chamber section. The piston is connected to or forming part of the housing forming part of a second tool part and is slidable in relation to the shaft so that the housing moves in relation to the shaft, 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. Furthermore, the invention relates to a downhole system comprising the downhole stroking tool and a driving unit, such as a downhole tractor, for propelling the system forward in a well and to the use of a downhole stroking tool for pulling a plug in a well.

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Citation (search report)
• [XAI] US 3138214 A 19640623 - BRIDWELL HAROLD C
• [A] WO 2008128543 A2 20081030 - WELLTEC AS [DK], et al
• [A] EP 2607606 A1 20130626 - WELLTEC AS [DK]
• [A] EP 2886790 A1 20150624 - WELLTEC AS [DK]

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