



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 79 68 18

Classification of the application (IPC):
E21B 29/00, E21B 31/00, E21B 31/16, B21C 25/02

Technical fields searched (IPC):
B21C

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	WO 2008118697 A2 (BAKER HUGHES INC [US]; LYNDE GERALD D [US]) 02 October 2008 (2008-10-02) * the whole document *	1-5, 15-19
A	US 2011220357 A1 (SEGURA RICHARD [US] ET AL) 15 September 2011 (2011-09-15) * the whole document *	1-5, 17-19
A	WO 2014150524 A2 (SCHLUMBERGER CA LTD [CA]; SCHLUMBERGER SERVICES PETROL [FR]; SCHLUMBER) 25 September 2014 (2014-09-25) * the whole document *	1-5, 17-19
A	GB 616199 A (BRITISH THOMSON HOUSTON CO LTD) 18 January 1949 (1949-01-18) * the whole document *	15, 16
A	US 2015075242 A1 (ELLER MICHAEL RUSSELL [US] ET AL) 19 March 2015 (2015-03-19) * the whole document *	15, 16
A	WO 2013073949 A1 (LEIF INVEST AS [NO]) 23 May 2013 (2013-05-23) * the whole document *	1, 17

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 30 January 2019	Examiner Manolache, Iustin
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CATEGORY OF CITED DOCUMENTS

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| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
| A: technological background | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure | D: document cited in the application |
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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-5, 15-19

Claims 1-5, 15-19 relating to a shrinkage tool assembly and a method for shrinkage of a wellbore tubular.

2. claims: 6-14

Claims 6-14 relating to a milling tool.

3. claims: 20, 21

Claims 20, 21 relating to a pulling means.

None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims: 1-5, 15-19

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 30 January 2019	Examiner Manolache, Iustin
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CATEGORY OF CITED DOCUMENTS

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| O: non-written disclosure | D: document cited in the application |
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 79 68 18

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 30-01-2019
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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