Abstract: A set for obtaining a threaded connection used in hydrocarbon wells, comprising a first tubular component provided with two threaded zones with identical lead, a second tubular component provided with at least two threaded zones, a third tubular component provided on its internal circumferential surface with at least one threaded zone and provided on its external circumferential surface with at least one threaded zone, the set being such that the threaded zone provided on the internal circumferential surface of the third component is capable of cooperating by makeup with one of the two threaded zones of the first component; the threaded zone provided on the external circumferential surface of the third component is capable of cooperating by makeup with one of the two threaded zones of the second component; the second and third components further comprise means for defining the end of makeup of said threaded zones; the other threaded zone provided on the end of the first component is capable of cooperating by makeup with the other threaded zone provided on the second component. A makeup method for obtaining a connection and a method for breaking out said connection.
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
### A. CLASSIFICATION OF SUBJECT MATTER

INV. F16L15/08

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

F16L E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>X</td>
<td>EP 0060 549 Al (FMC CORP [US]) 22 September 1982 (1982-09-22) page 1, line 1 - page 6, line 26; figure 6</td>
<td>1-4, 6, 8-16</td>
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<tr>
<td>A</td>
<td>SU 1 520 291 Al (AZERB I NEFTI KHIMI I M M) AZIZ [SU] 7 November 1989 (1989-11-07) column 3, line 19 - column 4, line 20; figure 1</td>
<td>1-16</td>
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* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

Further documents are listed in the continuation of Box C.

See patent family annex.

Date of the actual completion of the international search

12 August 2011

Date of mailing of the international search report

19/08/2011

Name and mailing address of the ISA/

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Authorized officer

Kepka, Maciek
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<tr>
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<td>CA 1173076 A1</td>
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