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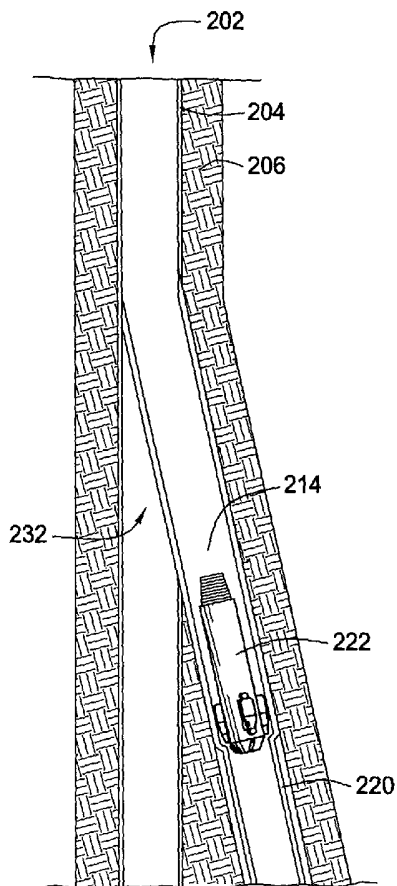
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[Continued on next page]

(54) Title: FULL BORE LINED WELLBORES



(57) Abstract: Embodiments of the present invention generally provide methods and apparatus for forming a tubular-lined wellbore which does not decrease in diameter with increasing depth or length. In one aspect, a portion of a second casing (220) is expanded into a portion of a first casing (204) having a larger inner diameter than the remaining portion of the first casing string. In another aspect, the portion of the second casing is expanded into a portion of the first casing having a compressible member (505) therearound. In another aspect, a lined lateral wellbore may be constructed by forming a lateral wellbore extending from a main wellbore lined with casing. A diameter of at least a portion of the lateral wellbore may be expanded. An expandable tubular element may be run into lateral wellbore and expanded to have an inner diameter equal to or larger than an inner diameter of the main wellbore casing. Embodiments provide a fluid path around casing before sealing the casing within a wellbore or within a well casing, even after the casing has been hung within the wellbore or from the well casing.

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## INTERNATIONAL SEARCH REPORT

Int. Application No
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A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 E21B7/20 E21B43/10

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)

IPC 7 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

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00/46484 A (SHELL CANADA LTD ;SHELL INT RESEARCH (NL)) 10 August 2000 (2000-08-10) page 2, line 26 - line 35 The additional features of dependent claims 10-12, 15-20 appear obvious in light of the general state of the art known to the skilled practitioner.	1-29
Y	WO 99/35368 A (SHELL CANADA LTD ;SHELL INT RESEARCH (NL)) 15 July 1999 (1999-07-15) page 3, line 24 - line 17; figures 1,4	1-20, 28
Y	GB 2 350 137 A (BAKER HUGHES INC) 22 November 2000 (2000-11-22) page 3, line 9 - page 4, line 22; claim 1; figures 1-3	21-27, 29
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 881 354 A (SOFITECH NV ; SCHLUMBERGER CIE DOWELL (FR)) 2 December 1998 (1998-12-02) column 4, line 53 - column 6, line 42; figures 5-7	21-27,29
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A,P	US 2003/047320 A1 (MAGUIRE PATRICK G ET AL) 13 March 2003 (2003-03-13) the whole document	1-29

# INTERNATIONAL SEARCH REPORT

ional application No.  
PCT/US2004/006749

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-20, 28

A method of forming a cased well comprising lowering a first tubular into a well as the well is formed and subsequently partly inserting a second tubular into the first tubular and expanding the second tubular into engagement with the first tubular.

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2. claims: 21-27, 29

Drilling a borehole by means of a casing with an earth removal member and a fluid path whereupon the casing is expanded into contact with the borehole wall and the fluid path is closed.

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