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[Continued on next page]

(54) Title: TUBULAR ASSEMBLY AND METHOD OF DEPLOYING A DOWNHOLE DEVICE USING A TUBULAR ASSEMBLY

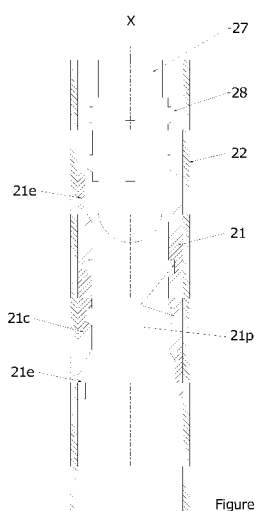


Figure 7

(57) Abstract: A tubular assembly is disclosed for use in a wellbore (5) of an oil, gas or water well, typically for landing a downhole device in the wellbore. The assembly has a sleeve (1) adapted to receive the body of the downhole device. The sleeve is deployed into a conduit in the wellbore and expanded, so that the outer circumferential surface of the sleeve is radially expanded against the inner surface of the conduit. The sleeve has a bore with an inner circumferential surface comprising an inwardly facing formation adapted to engage with an outwardly facing formation on the body of the downhole device when the body of the downhole device is disposed in the bore of the sleeve. The sleeve is typically deployed in the wellbore at the desired location and is radially expanded by an expander device (2) that is deployed within the bore of the sleeve. The expanded sleeve plastically deforms and retains its expanded configuration after the radial expansion force is removed from the sleeve. The sleeve provides a modular anchoring or landing point in the wellbore that can be retrospectively set in the conduit at different locations, and various downhole devices can then be deployed into the sleeves at predictable depths and a reliable connection can be made with the sleeve. The assembly can typically pass through a smaller diameter before being morphed to seal and anchor in a larger diameter.

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER

INV. E21B29/00 E21B33/124 E21B43/25 E21B47/04 E21B23/02
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ADD.

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)

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 practicable, search terms used)

EP0-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/037931 A1 (COON ROBERT JOE [US]) 27 February 2003 (2003-02-27) paragraphs [0042], [0043], [0056]; figure 2	1-43
X	GB 2 382 832 A (WEATHERFORD LAMB [US]) 11 June 2003 (2003-06-11) page 9, line 6 - page 10, line 8; figure 3	1,4-43
X	GB 2 403 745 A (WEATHERFORD LAMB [US]) 12 January 2005 (2005-01-12) figure 6	1-43
X	US 2003/037930 A1 (COON ROBERT JOE [US]) 27 February 2003 (2003-02-27) the whole document	1-43
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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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.
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INTERNATIONAL SEARCH REPORT

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