



Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) Publication number:

**0 213 798
A3**

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: **86306065.3**

(51) Int. Cl. 4: **E21B 31/16 , E21B 31/20**

(22) Date of filing: **06.08.86**

(30) Priority: **08.08.85 GB 8519924**

(43) Date of publication of application:
11.03.87 Bulletin 87/11

(84) Designated Contracting States:
DE GB NL

(88) Date of deferred publication of the search report:
11.01.89 Bulletin 89/02

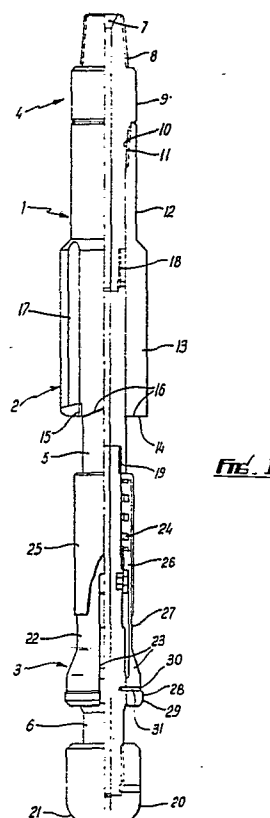
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(54) Packer retrieval assembly.

(57) There is described a tool for retrieving from an oil well bore a packer. The packer has a through bore through which the retrieval assembly passes. The retrieval assembly comprises an elongate body member (1) having a packer releasing milling cutter (2) and a packer retaining member (3) mounted thereon, the retaining member being releasable from a first position to a second position, the first position being such that an outer face of the packer retaining member defines a diameter greater than the diameter of the packer bore, thus preventing the assembly from entering the bore, and the second position being such that the outer face of the packer retaining member defines a diameter less than the diameter of the packer bore, thus permitting the assembly to enter the bore and extend from the packer, whereupon the retaining member may return to the said first position such that the retaining member may support the packer.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	US-A-3 150 718 (CROWE) * Column 4, line 55 - column 5, line 2; column 5, lines 41-72 *	1,3,5,6	E 21 B 31/16 E 21 B 31/20
Y	---	2	
Y	US-A-3 051 239 (DOLLISON) * Column 4, lines 41-43; column 5, lines 11-30 *	2,4	
X	---		
X	US-A-3 352 593 (WEBB) * Figures 7-10; column 5, lines 48-66 *	1,5,6	
X	---		
X	EP-A-0 086 582 (THE RED BARON (OIL TOOLS RENTAL) LTD) * Claims 1,2; column 5, lines 8-11 *	1,3-5	
P,X	---		
P,X	EP-A-0 185 466 (SMITH INT. INC.) * Page 9, lines 9-21; page 10, line 17 - page 11, line 5; page 10, lines 10-16 *	1,3,5,6	
Y	---	4	TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
A	US-A-3 960 399 (DUFRENE) * Column 2, lines 19-22 *	1,2	E 21 B
A	---		
A	US-A-3 638 988 (BROWN) * Column 2, lines 31-50 *	1,5,6	

The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 03-10-1988	Examiner SOGNO M.G.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			