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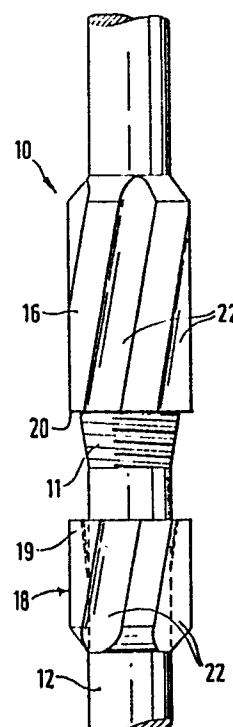
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54 **Stabilising tool.**

57 A stabiliser tool for connection in a drill string having a fluted stabilising portion comprising a body part (16) integral with the shank (10) of the tool and a leading end sleeve part or cap (18) removably secured to the shank. The cap (18) can readily be replaced when worn. The tool may be supplied as a set including different interchangeable caps having for example, spiral flutes (22) for normal stabilising operation, or straight flutes to enable the tool to be used as a reamer when drilling rough and abrasive rock formations.



**FIG. 2.**

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# EUROPEAN SEARCH REPORT

Application number

EP 86 30 0163

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)
A,D	US-A-3 933 395 (E.G. EVANS)  * Figures 1,2; column 4, lines 44-59 *	1-4,6,7,10-12	E 21 B 17/10 E 21 B 10/26 E 21 B 17/22 E 21 B 10/62
A	GB-A-2 166 177 (METAL-X CORP. OF TEXAS) * Figure 1; page 3, column 1, lines 0-20 *	1-4,10,11	
A,D	GB-A-2 133 059 (GROOM INTERNATIONAL LTD) * Figure 2; page 1, column 1, lines 53-64; column 2, lines 84-91 *	1-4,10,11	
A,D	US-A-3 642 079 (Ch.O. VAN NOTE) * Figure 1; column 2, lines 30-38 *	1-5,7,10,11	TECHNICAL FIELDS SEARCHED (Int. Cl. 4)  E 21 B
A	FR-A-2 171 061 (CHRISTENSEN DIAMOND PROD.) * Figure 1; page 4, lines 12-15; claim 1 *	1,3,4,6,7,9-12	
A	US-A-4 380 264 (W.C. LYONS et al.) * Column 4, lines 60-64 *	1,8,10	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27-04-1987	Examiner WEIAND T.
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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 &amp; : member of the same patent family, corresponding document</p>			