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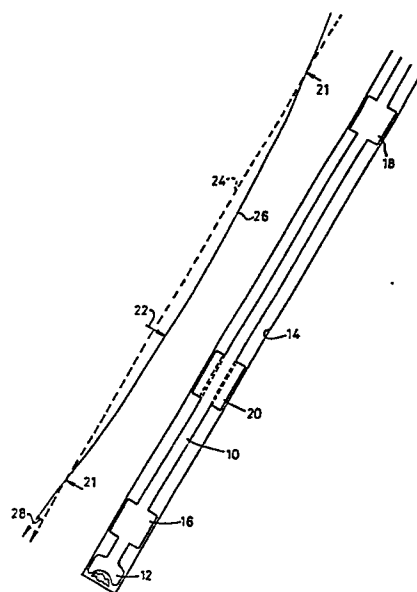
84 Designated Contracting States: **BE CH DE FR IT LI NL SE**

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54 **Control of drilling courses in the drilling of bore holes.**

57 Drilling apparatus comprises a drill collar (10), a drill bit (12), two spaced stabilisers (16, 18), which act to locate the drill collar (10) within a bore hole (14) being drilled, and a control stabiliser (20) for applying a controlled lateral force or displacement of the drill collar in order to deflect the latter between the spaced stabilisers. Sensing means sense the actual drilling course and the latter is compared with a predetermined required drilling course stored in information storage means, the resulting error signal being used to govern operation of the control stabiliser (20).





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EUROPEAN SEARCH REPORT

0209318

Application Number

EP 86 30 5285

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)
Y	US-A-3 993 127 (CHEPELEV et al.) * Abstract; claim 1 *	1,2,4,8	E 21 B 7/06
A	---	3	E 21 B 47/022
Y	GB-A-2 077 811 (SHIRLEY) * Abstract; page 3, lines 8-87 *	1,2,4,8	E 21 B 17/10
A	---	3	
A	US-A-3 637 032 (JETER) * Abstract; column 11, line 35 - column 12, line 10 *	5,6,7	
A	---		
A	US-A-4 284 154 (ENGLAND) * Abstract; claim 1 *	1,3	
A	---		
A	US-A-4 040 494 (KELLNER) * @Abstract; claim 1 *	1	
A	---		
A	GB-A-2 048 340 (SALZGITTER MASCHINEN UND ANLAGEN AG) * Abstract; claims 1-3 *	5,6,7	

The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			E 21 B
Place of search		Date of completion of the search	Examiner
THE HAGUE		03-02-1988	HEDEMANN, G.A.
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	