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(54) **Drillable well bore packing apparatus.**

(57) A downhole well bore packing apparatus (eg. a packer or bridge plug) includes a component which bears compressive loading and is made of plastics material. Such components can be lock ring housings (24), slips (28,54), slip wedges (32,46) or slip supports (24,58) for example. After use of the packing apparatus downhole, it can be relatively easily drilled out.

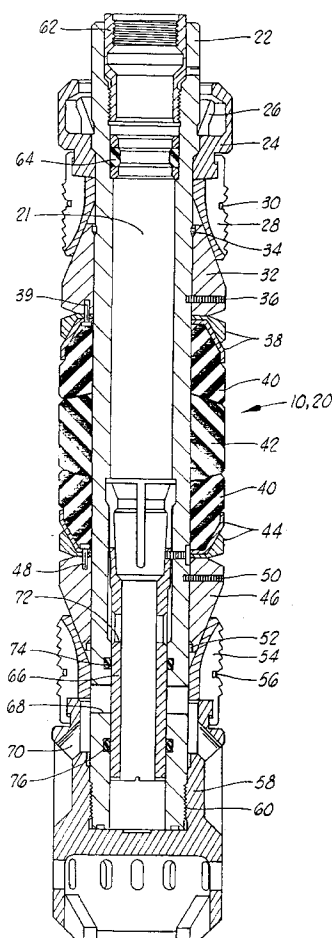


FIG. 2



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 91 30 3763

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.5)
X	US-A-4 708 202 (SUKUP)	1-3, 7, 10	E21B33/129
Y	* column 7, line 17 - column 8, line 20; claims 1-7, 13; figures 1, 10 *	6	E21B33/134
	---		E21B29/00
Y	US-A-4 858 687 (WATSON)	6	
	* column 1, line 15 - line 28 *		

X	US-A-4 836 279 (FREEMAN)	1, 2, 6	
Y	* the whole document *	7-9	

D, Y	US-A-4 151 875 (SULLAWAY)	7-9	
	* abstract; figure 1 *		

X	EP-A-0 306 306 (HALLIBURTON)	1	
	* abstract *		
	* column 2, line 9 - line 13 *		

A	US-A-4 175 619 (DAVIS)	1	
	* column 4, line 28 - line 29; figures 1-9 *		

			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			E21B B29C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24 AUGUST 1992	Examiner FONSECA Y FERNANDEZ
CATEGORY OF CITED DOCUMENTS		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	
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			

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