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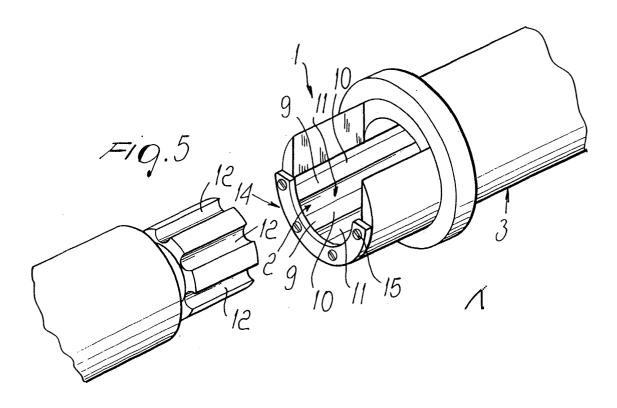
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## (54) Support for reel shafts

(57) A support (3) for reel supporting shafts comprises a seat (14) which is open upward and is adapted to receive one end of the reel supporting shaft. The seat has a semicylindrical surface with a plurality of discontinuity channels (10,11) shaped so as to accommodate

at least one portion of respective rod-like members (12) forming, together with the semicylindrical surface of the seat, a splined profile which is adapted to transmit torque to the end of the reel supporting shaft, whose cross-section is provided with a plurality of hollows which are complementary to the profile.





## **EUROPEAN SEARCH REPORT**

**Application Number** EP 01 10 7142

Category	Citation of document with indication of relevant passages	on, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)		
X	DE 40 08 897 A (MAIER P 26 September 1991 (1991 * the whole document *		1-3,7	B65H16/06 B65H16/10		
<b>A</b> [	US 5 295 913 A (TEEPE H 22 March 1994 (1994-03- * the whole document *		1			
A	US 4 344 304 A (EICHE H 17 August 1982 (1982-08 * abstract; claims; exa	<del>-</del> 17)	1			
Ą	US 4 362 412 A (KUNZ WO 7 December 1982 (1982-1 * the whole document *		1			
Ą	DE 10 88 338 B (STAHLKO 1 September 1960 (1960- * the whole document *	NTOR WESER G M B I 09-01)	H) 1			
				TECHNICAL FIELDS SEARCHED (Int.CI.7)		
				B65H		
				F16D		
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·····	The present search report has been d	Date of completion of the search	<u> </u>	Examiner		
THE HAGUE		30 August 2002		ıken, W		
CATEGORY OF CITED DOCUMENTS  X: particularly relevant if taken alone Y: particularly relevant if combined with anoth document of the same category A: technological background O: non-written disclosure		E : earlier patent after the filing		ished on, or		
		L : document cite	ed in the application ed for other reasons	n the application or other reasons		
			& : member of the same patent family			

## ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 01 10 7142

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30-08-2002

	008897  5295913	A A	26-09-1991	DE	4008897	Δ1	00 00 1001
US 5	295913	Α				ΛI	26-09-1991
			22-03-1994	DE	4137921	A1	19-05-1993
				ΑT	124376	T	15-07-1995
				DE	59202720	D1	03-08-1995
				DK	545013	T3	27-11-1995
				EP	0545013		09-06-1993
				ES	2073836		16-08-1995
				JP	5213528	Α	24-08-1993
US 4	344304	Α	17-08-1982	DE	2852510	A1	12-06-1980
				CH	644080	A5	13-07-1984
				FR	2443406		04-07-1980
				GB	2041154	A,B	03-09-1980
				IT 	1125884	В	14-05-1986
US 4	362412	Α	07-12-1982	DE	2932895	A1	26-03-1981
				CH	647477		31-01-1985
				FR	2463321		20-02-1981
				GB	2056620		18-03-1981
				IT	1132334	В	02-07-1986
DE 1	088338	В	01-09-1960	NONE			

FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82