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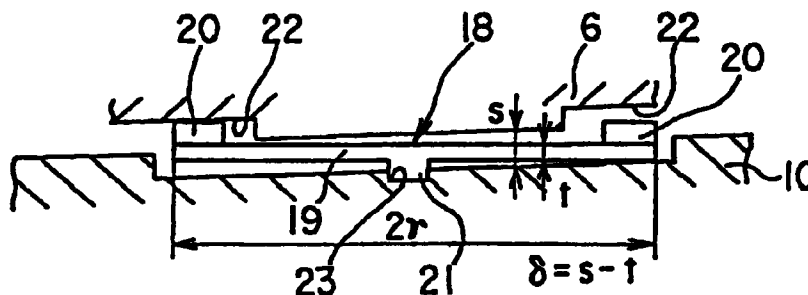
(54) **Scroll type fluid machine**

(57) Object: To provide a scroll type fluid machine which can suppress increase of inclining vibrations of an Oldham ring with facilitated adjustments.

Construction: A stationary scroll (1) and a swivel scroll (2), in a pair, are engaged with each other and said swivel scroll (2) is driven to make revolutionary motions, while prevented from making rotations, via an Oldham ring (18) disposed between an end plate (6) of said swivel scroll (2) and a frame (10) and, where a dis-

tance between said end plate (6) of the swivel scroll (2) and said frame (10) is s and a thickness of a ring portion (19) of said Oldham ring (18) is t , a gap δ , formed as $(s-t)$, to a radius r of said ring portion (19) of the Oldham ring (18) is set so that δ/r is 0.01 or less. Thus, only by the ring portion (19) of the Oldham ring (18) being adjusted of its thickness, increase of inclining vibrations of an Oldham ring (18) can be suppressed.

Fig. 1



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EUROPEAN SEARCH REPORT

Application Number
EP 96 10 6922

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.6)
X	EP 0 157 390 A (MITSUBISHI DENKI K.K.)	1	F04C18/02
Y	* page 44, line 15 - line 22; figures 15A,15B,15C *	2	
Y	--- PATENT ABSTRACTS OF JAPAN vol. 18, no. 212 (M-1593), 15 April 1994 & JP 06 010853 A (MITSUBISHI ELECTRIC CORP.), 21 January 1994, * abstract *	2	
A	--- US 4 655 696 A (UTTER)		
A	--- US 5 403 172 A (BLASS ET AL.) -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F01C
Place of search		Date of completion of the search	Examiner
THE HAGUE		14 April 1997	Dimitroulas, P
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