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Rotary pump.

The pump comprises a housing (1,2,3) defining a cylindrical working chamber (10), a piston in the form of a substantially cylindrical body (6) whose height corresponds to that of the working chamber (10) and a piston collar (7) in the form of a flat oval disc situated on the cylindrical body (6) obliquely to its axis.

A side groove (16) is provided in the housing walls and comprises a reciprocable partition (8). A suction duct (1) and a discharge duct (6) are situated at either side of said side groove (16).

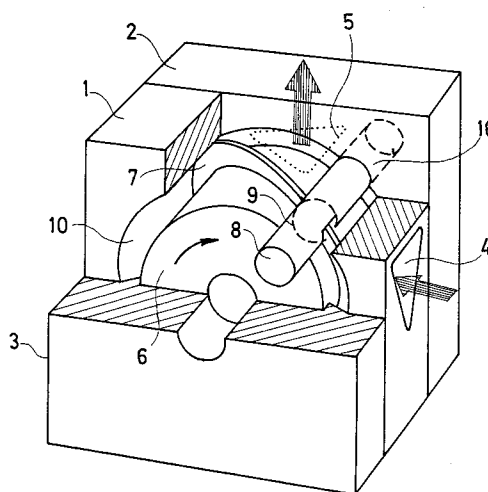


FIG. 1

EP 0 437 962 A3



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)
Y	US-A-4 093 408 (YOSHICHIKA YAMAGUCHI) * column 2, line 5 - line 36; figures 1-10 *** column 3, line 28 - line 40; figures 11-20 ** - - -	1,2,3	F 04 C 2/356
Y	US-A-2 628 566 (BERNER) * column 1, line 1 - line 8 *** column 3 ***column 4,in particular lines 7-27,fig.4,5** - - -	1	
A	GB-A-352 526 (JOHN JAMES OWEN) * page 2, line 93 - line 110; figures 1,2,10 ** - - -	1	
Y	BE-A-471 573 (CAPPELLETTI) * page 2,two last paragraphs*** page 3, line 1 - line 27; figures ** - - -	2	
Y	GB-A-17 366 (PITTLER UNIVERSAL ROTARY MACHINE SYNDICATE) * page 2, line 16 - line 51; figures 1-5 ** - - - - -	3	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F 04 C F 01 C F 04 C F 01 C
Place of search	Date of completion of search	Examiner	
The Hague	14 November 91	KAPOULAS T.	
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	