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(54) A rotary distribution group for hydraulic motors with orbiting sealing surfaces.

(57) The rotary distribution group for hydraulic motors according to the invention comprises a revolving distributor disc (8) formed with orifices (26) communicating between its plane surfaces and connected for rotation to the drive shaft (13) and clamped between an axially movable reaction ring (9) formed with separate orifices (17) connected to the supply and the discharge ducts (3,4) for hydraulic fluid, and a fixed distribution plate (5) formed with outlet orifices (6) for the ducts (7) supplying and discharging hydraulic fluid to the motor propulsors, continuous surfaces being present for bounding and separating the respective inlet areas of the orifices in the disc (8) towards the reaction ring (9) and towards the distribution plate (5), the surfaces of the distributor disc (8) facing the distribution plate (5) being formed with cavities and recesses which are eccentric with respect to the axis of rotation of the distributor disc (8) and are adapted to move orbitally during the rotation of the distributor disc (8).

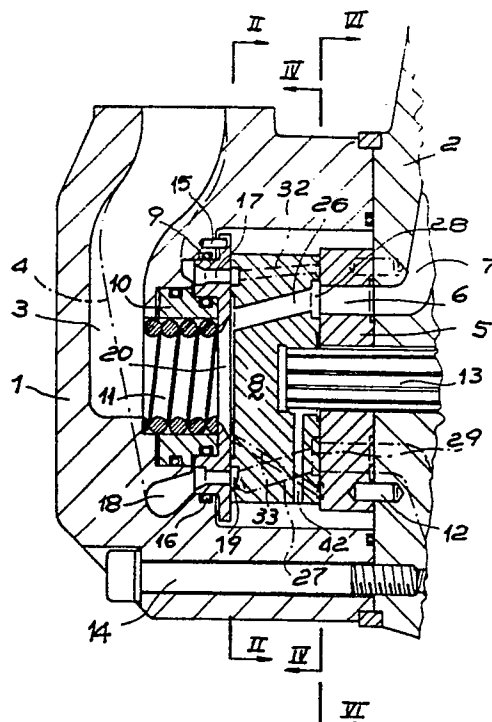


Fig. 1

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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)
A	FR-A-2381173 (ORTELLI) * the whole document * ----	1	F03C1/04
A	DE-A-2052305 (ORTELLI) * page 4, paragraph 2 - page 6, paragraph 3 * * page 9, paragraph 2 - page 10, paragraph 3; figures 1-4, 7 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F03C F04B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13 NOVEMBER 1989	Examiner VON ARX H.P.
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			