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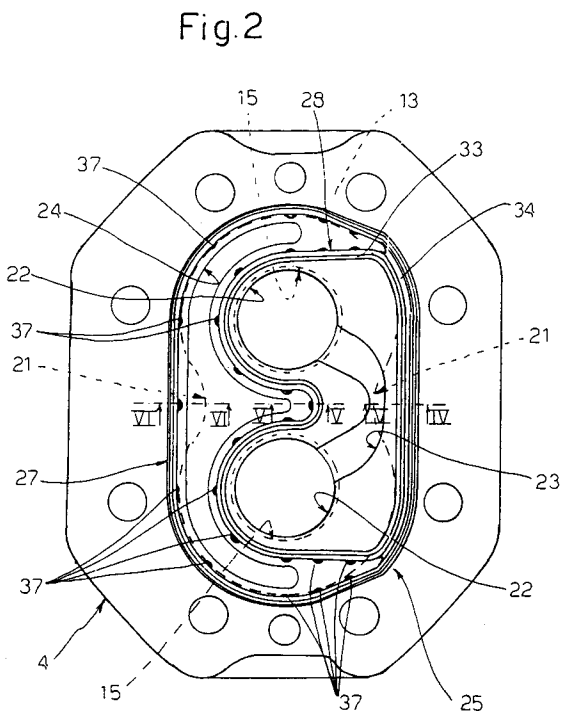
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Gear machine.

A machine (1) comprising two meshing gears (5, 6); two bushes (13) supporting the gear hubs (7, 8); a machine body (2) housing the gears (5, 6) and bushes (13); and two cover plates (3, 4) for the machine body (2). Each plate (3, 4) presents a seat (26) for a seal (25) formed in one piece and comprising a first annular element (27), and a second annular element (28) inwards of and joined over a long portion to the first annular element (27) by a thin wall (34) defining two channels (35, 36) for high-pressure fluid. The seal (25) defines two gaps, one for low-pressure fluid, defined by the second element (28), and the other for high-pressure fluid, defined by both elements (27, 28).



EP 0 512 514 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)
P,X	WO-A-9 112 431 (KABUSHIKI KAISHA KOMATSU SEISAKUSHO) * abstract; figures 1-9D * ---	1-6,8	F04C15/00 F04C2/08
A	EP-A-0 421 020 (SAUER-SUNDSTRAND) * column 4, line 16 - column 5, line 27; figure 2 * ---	1	
A	US-A-3 895 890 (LAUMONT) * the whole document * ---	1	
A	EP-A-0 291 722 (BOSCH) -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F04C F01C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10 MAY 1993	Examiner CHRISTENSEN C. W.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			