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(71) Applicant: Automotive Motion Technology
Limited
Andover, Hampshire SP10 3TS (GB)

(72) Inventors:
• Beaven, Robert William
Thornbury Bristol, BS35 1SW (GB)
• Werson, Michael John
Eastleigh SO53 1LU (GB)

(74) Representative: Lucking, David John
FORRESTER & BOEHMERT
Pettenkoferstrasse 20-22
80336 München (DE)

(54) Pump

(57) A pump (10) including a pumping element (20), which is mounted for relative rotation in a housing (14), rotation of the pumping element (20) causing fluid to be pumped from an outlet (40) provided in the housing (14), the pumping element (20) including an axially extending bearing part (34a), and there being a sealing part (30) provided at the outlet (40), the sealing part (30) including an opening which is generally axially aligned with the

axis of rotation (A) of the pumping element (20) and which provides a main flow path for fluid flow through the outlet (40), and the sealing part (30) including an axially extending bearing part (30b), which lies adjacent to the bearing part (34a) of the pumping element (20), axially extending surfaces of the two bearing parts (30b, 34a) providing a seal between the outlet (40) and the pumping element (20).

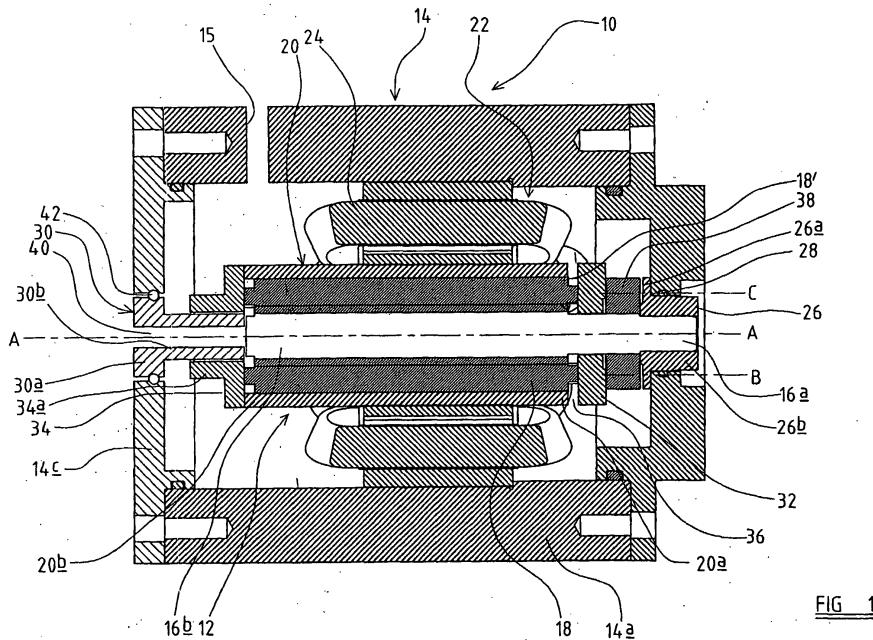


FIG. 1



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	US 4 178 143 A (BEIN THOMAS W ET AL) 11 December 1979 (1979-12-11) * column 5, line 3 - line 66; figure 4 * -----	1-6	F04C15/00 F04C2/16
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A	DE 40 17 165 A (ALLWEILER AG) 14 November 1991 (1991-11-14) * the whole document * -----	1-6	
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F04C F01C
Place of search		Date of completion of the search	
Munich		18 November 2004	
Examiner		Descoubes, 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			

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

EP 04 01 0825

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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