(12)

EUROPEAN PATENT APPLICATION

- (21) Application number: 89309135.5
- (51) Int. Cl.5: F04C 2/10, F04C 15/00

- 22) Date of filing: 08.09.89
- Priority: 28.09.88 GB 8822696 09.06.89 GB 8913368
- Date of publication of application: 04.04.90 Bulletin 90/14
- Designated Contracting States:
 AT BE CH DE ES FR GB GR IT LI LU NL SE
- Date of deferred publication of the search report: 11.07.90 Bulletin 90/28
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- [54] Improvements relating to gerotor pumps.
- (instead of journalling it in the body) and journalling the rotor on the shaft (instead of making the rotor fast with the shaft). Figure 3 shows an arrangement in which gear 24 transmits drive to the pump and has an axial extension 38 journalled on the fixed shaft 18 and keyed or splined at 46 to the rotor which surrounds the extension and hence is only indirectly supported and journalled on the shaft. 14 represents the usual annulus with which the rotor engages in conventional gerotor pump fashion.

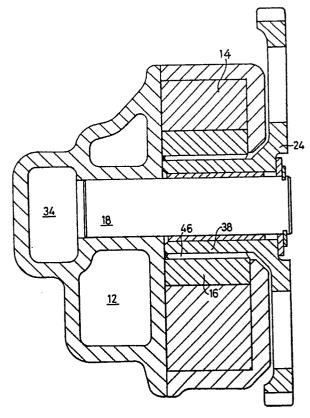


Fig. 3

EP 0 361 716 A3

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EUROPEAN SEARCH REPORT

EP 89 30 9135

| Category | Citation of document with in of relevant pa | dication, where appropriate, ssages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int. Cl.5) |
|----------------------------------|---|---|--|---|
| х | FR-A-2527683 (TOVARNA MOTORNIH) * page 3, line 17 - page 4, line 24; figures * | | 1, 2, 3, | F04C2/10 F04C15/00 |
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| х | DE-A-3504306 (VOLKSWAGENWFRK) * page 5, lines 4 - 15; figure 4 * | | 1, 2, 10 | |
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| A | DE-A-3506928 (SCHWÄBISC * page 13, last paragra * page 14, last paragra * page 16, last paragra | ph; figure 1 * ph * | 1, 3, 7, | |
| A | GB-A-1252446 (IMPROVED * page 2, lines 42 - 55 | | 6 | |
| | | | | TECHNICAL FIELDS SEARCHED (Int. Cl.5) |
| | | | | F04C F01C |
| | | | | |
| | The present search report has b | ocen drawn up for all claims | | |
| | Place of search | Date of completion of the search | l l | Examiner |
| | THE HAGUE | 07 MAY 1990 | KAPO | OULAS T. |
| Y: par do: A: tec O: no | CATEGORY OF CITED DOCUME ticularly relevant if taken alone ticularly relevant if combined with an sument of the same category hnological background n-written disclosure ermcGiate document | E : earlier pate after the fi other D : document of L : document of | rinciple underlying the ent document, but pub ling date cited in the application cited for other reasons the same patent fami | lished on, or |