

Title (en)  
Improvements relating to gerotor pumps.

Title (de)  
Gerotorpumpen.

Title (fr)  
Pompes gerotor.

Publication  
**EP 0361716 A2 19900404 (EN)**

Application  
**EP 89309135 A 19890908**

Priority  
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Abstract (en)  
A gerotor pump can have a particularly short axial length by fixing the main shaft in the body (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.

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IPC 8 full level  
**F04C 2/10** (2006.01); **F04C 11/00** (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP)  
**F04C 2/102** (2013.01); **F04C 11/00** (2013.01)

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