

Title (en)
Gerotor pump

Title (de)
Gerotorpumpe für flüssige Medien

Title (fr)
Pompe du type gerotor

Publication
EP 0964159 A3 20010117 (DE)

Application
EP 99110645 A 19990602

Priority
DE 29810577 U 19980612

Abstract (en)
[origin: EP0964159A2] The pump has a housing (3) with cylindrical chamber (5) containing a gerotor set (9) with outer rotor. An anti friction bearing or slide bearing element (90) for radial bearing of the outer rotor in the chamber, is positioned between the radially opposite circumferential surfaces (6) of chamber and rotor. The anti friction bearing may be a roller bearing, ball bearing, or needle bearing. The slide bearing element may be carbon fiber and/or plastic and/or ceramics. The part of the pump housing forming the circumferential chamber surface, and the gerotor set are of stainless steel.

IPC 1-7
F04C 2/10

IPC 8 full level
F04C 2/08 (2006.01); **F04C 2/10** (2006.01)

CPC (source: EP)
F04C 2/086 (2013.01); **F04C 2/102** (2013.01); **F04C 2240/50** (2013.01); **F05C 2225/04** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
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