

Title (en)
Gerotor pumps.

Title (de)
Gerotorpumpen.

Title (fr)
Pompes du type gerotor.

Publication
EP 0457491 A1 19911121 (EN)

Application
EP 91304154 A 19910508

Priority
GB 9010686 A 19900512

Abstract (en)
A gerotor pump, Figure 1, has the usual male lobed rotor 16 with n lobes meshed in the female lobed annulus 12 with n + 1 lobes, the two being both but relatively rotatable on parallel axes 14,18. The improvement consists of making the lobes helically extending which smooths pressure peaks and reduces noise. <IMAGE>

IPC 1-7
F04C 2/107

IPC 8 full level
F04C 2/08 (2006.01); **F04C 2/10** (2006.01); **F04C 2/107** (2006.01); **F04C 14/00** (2006.01); **F04C 28/20** (2006.01); **F04C 29/00** (2006.01); **F04C 29/06** (2006.01)

CPC (source: EP)
F04C 2/084 (2013.01); **F04C 2/102** (2013.01)

Citation (search report)
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