

Title (en)  
ECCENTRIC SCREW PUMP WITH INTEGRATED DRIVE

Title (de)  
EXZENTERSCHNECKENPUMPE MIT INTEGRIERTEM ANTRIEB

Title (fr)  
POMPE A VIS SANS FIN EXCENTRIQUE POURVUE D'UN DISPOSITIF D'ENTRAINEMENT INTEGRE

Publication  
**EP 1778980 B1 20071031 (DE)**

Application  
**EP 05768100 A 20050715**

Priority  
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• DE 102004038686 A 20040810

Abstract (en)  
[origin: DE102004038686B3] The pump has a rotor (1) which runs in it and a driving motor which is connected to the rotor such as a fixed winding (4). Runners surround the rotor and housing covers the runners. As the rotors are turned the fixed winding is arranged and the runner and the rotor are rigidly connected. A second runner (3a) is arranged near the cylindrical runners at the opposite end of the rotor and rotates on a circular path within a cylindrical housing (5a), at which the second fixed winding (4a) is arranged.

IPC 8 full level  
**F04C 2/107** (2006.01); **F04C 15/00** (2006.01); **F04C 15/06** (2006.01)

CPC (source: EP KR US)  
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