

Title (en)
MOTOR-PUMP UNIT

Title (de)
MOTORPUMPENAGGREGAT

Title (fr)
ENSEMBLE MOTO-POMPE

Publication
EP 1181453 A1 20020227 (DE)

Application
EP 01917112 A 20010323

Priority
• DE 10015139 A 20000329
• EP 0103357 W 20010323

Abstract (en)
[origin: US6585498B2] A motor-pump unit including an electric motor and a pump. The pump is concentrically surrounded by the rotor/stator of the motor. The rotor of the electric motor is U-shaped, viewed in an axial section. The cross-piece of the "U", in the region of the common axis, is provided with an interior toothing. The shaft of the pump includes a pinion that meshes with the interior toothing of the cross-piece of the "U".

IPC 1-7
F04C 15/00; **F04B 17/03**; **F04B 53/08**; **F04B 23/08**; **F04B 1/12**

IPC 8 full level
F04C 2/12 (2006.01); **F04B 1/12** (2006.01); **F04B 17/03** (2006.01); **F04B 23/08** (2006.01); **F04B 53/08** (2006.01); **F04C 2/10** (2006.01); **F04C 15/00** (2006.01); **H02K 7/10** (2006.01); **H02K 7/14** (2006.01); **F04C 11/00** (2006.01)

CPC (source: EP KR US)
F04B 1/128 (2013.01 - EP US); **F04B 17/03** (2013.01 - EP US); **F04B 23/08** (2013.01 - EP US); **F04B 53/08** (2013.01 - EP US); **F04C 2/102** (2013.01 - EP US); **F04C 2/14** (2013.01 - KR); **F04C 15/008** (2013.01 - EP US); **F04C 11/008** (2013.01 - EP US)

Cited by
EP1674728A3

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0173295 A1 20011004; AT E230822 T1 20030115; AU 4422201 A 20011008; DE 10015139 A1 20011011; DE 50100082 D1 20030213; DK 1181453 T3 20030505; EP 1181453 A1 20020227; EP 1181453 B1 20030108; ES 2189781 T3 20030716; JP 2003529019 A 20030930; JP 5047439 B2 20121010; KR 20020024590 A 20020330; US 2002172605 A1 20021121; US 6585498 B2 20030701

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