

Title (en)
Motor pump

Title (de)
Motorpumpe

Title (fr)
Motopompe

Publication
EP 1460275 B1 20050727 (DE)

Application
EP 03006417 A 20030321

Priority
EP 03006417 A 20030321

Abstract (en)
[origin: EP1460275A1] The pump has a housing, an electric motor with stator and rotor (1), and a pump rotor (2) connected to the motor rotor. The pump rotor has at least one ring-shaped adapter (3) fastened to its intake side, to bridge the intermediate space between it and the wall section opposite to it on the suction side, which contains the fluid connections. The adapter is formed like a ring disc (8) with ring-shaped shoulder (9) on the side away from the pump rotor, a ring plate, and a hub. The rotor is a semi-spherical permanent magnet rotor, with a pump rotor fixed to it. The pump may have a set of adapters, with different axial sizes to bridge different sized gaps.

IPC 1-7
F04D 29/16; **F04D 29/22**

IPC 8 full level
F04D 29/16 (2006.01); **F04D 29/22** (2006.01)

CPC (source: EP)
F04D 29/0467 (2013.01); **F04D 29/167** (2013.01); **F04D 29/2266** (2013.01)

Cited by
CN105756953A; WO2015042634A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1460275 A1 20040922; **EP 1460275 B1 20050727**; DE 50300854 D1 20050901

DOCDB simple family (application)
EP 03006417 A 20030321; DE 50300854 T 20030321