

Title (en)

PUMP WITH A PUMP SHAFT WHICH EXTENDS THROUGH A DRIVE MOTOR

Title (de)

PUMPE MIT EINEN ANTRIEBSMOTOR DURCHSETZENDER PUMPENWELLE

Title (fr)

POMPE POURVUE D'UN ARBRE S'ETENDANT A TRAVERS UN MOTEUR DE COMMANDE

Publication

EP 1468189 A1 20041020 (DE)

Application

EP 03731690 A 20030122

Priority

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- EP 0300580 W 20030122

Abstract (en)

[origin: DE10302177A1] A pump with a rotor (54) of a drive motor (52) arranged in motor housing (30) with a pump shaft (20) piercing the shaft bearing (22). The motor housing (30) is radially surrounded by a pump housing (12) to define an annular space (50) in a radially spacing (a), that envelops the pump impellor (36) with a throat section (16), such that the latter is connected by a hub (42) to the pump shaft (20) and blades (45) extend into the annular space (50).

IPC 1-7

F04D 3/00; F04D 13/06; F04D 29/04

IPC 8 full level

F04D 3/02 (2006.01); **F04D 13/06** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP)

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