

Title (en)
Fluid circulation pump and use thereof

Title (de)
Fluid-Umwälzpumpe und ihre Verwendung

Title (fr)
Pompe de circulation de fluide et son utilisation

Publication
EP 2469093 B1 20171213 (FR)

Application
EP 10306512 A 20101224

Priority
EP 10306512 A 20101224

Abstract (en)
[origin: EP2469093A1] The pump (10) has a shaft (28) movable in rotation around a longitudinal axis in a cavity (22) of a cartridge (20) of a motor (16), where the shaft is made of stainless steel or ceramic. Conduits allow the circulation of fluid in the shaft. The conduits are in communication with the cavity and extended along the shaft in a rectilinear or helical manner. A fluid circulation wheel is driven in rotation by the shaft. One of the conduits is formed between outer and inner tubes of the shaft. A magnet rotor (26) is encapsulated with stainless steel and fixed to the shaft.

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F04D 13/06 (2006.01)

CPC (source: EP)
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Cited by
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