

Title (en)
Pond or aquarium pump

Title (de)
Pumpe für Teich-, Aquarien- oder dergleichen Anlagen

Title (fr)
Pompe pour étangs ou aquariums

Publication
EP 1760322 B1 20180926 (DE)

Application
EP 06018163 A 20060831

Priority
DE 202005014071 U 20050906

Abstract (en)
[origin: EP1760322A2] The pump has a motor housing (1), where a synchronous motor arranged in the housing. The synchronous motor has a permanent-magnet rotor (2) and a stator, where the housing includes an inner wall separating the rotor from the stator. A mounting flange (7) is detachably mounted on the housing and rotatably secures the rotor. A housing part (11) forms a flow channel (16), and is detachably mounted on the flange by a fastening device (9) e.g. bayonet closure. The inner wall of the housing is a can, and the mounting flange seals the can relative to a remaining portion of the housing.

IPC 8 full level
F04D 29/42 (2006.01); **F04D 13/06** (2006.01); **F04D 29/62** (2006.01)

CPC (source: EP US)
F04D 13/0606 (2013.01 - EP US); **F04D 29/426** (2013.01 - EP US); **F04D 29/628** (2013.01 - EP US)

Citation (examination)
JP H03286775 A 19911217 - TERUMO CORP

Cited by
DE102007014570A1; EP3020970A1

Designated contracting state (EPC)
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