

Title (en)
FLUID TRANSPORTING DEVICE

Title (de)
ANORDNUNG ZUR FÖRDERUNG VON FLUIDEN

Title (fr)
DISPOSITIF DE CIRCULATION DE FLUIDES

Publication
EP 1794459 A1 20070613 (DE)

Application
EP 05770991 A 20050716

Priority
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Abstract (en)
[origin: WO2006027043A1] The inventive fluid transporting device is provided with a rotary fluid pump (91) comprising a pump wheel (90) connected to a first constant magnet (92). In addition, said device is provided with an electronically switchable internal rotor motor (70) comprising a stator (68) containing the rotor (60) which is mounted therein and is connected to a second constant magnet (76, 140) interacting with the first constant magnet (92) in a magnetic coupling manner. The inventive device also comprises a space cup (52) which divides in a fluid sealed manner the first constant magnet (92) of the magnetic coupling (93) disposed inside said cup (52) from the second constant magnet (76, 140) disposed outside thereof, wherein the stator (68) of the internal rotor motor (70) is placed substantially on the same drive plane as the magnetic coupling (93) and radially outside thereof.

IPC 8 full level
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