

Title (en)
ARRANGEMENT FOR DELIVERING FLUIDS

Title (de)
ANORDNUNG ZUR FÖRDERUNG VON FLUIDEN

Title (fr)
DISPOSITIF DE TRANSPORT DE FLUIDES

Publication
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Application
EP 05786321 A 20050810

Priority
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Abstract (en)
[origin: WO2006037396A1] An arrangement for delivering fluids has a fluid pump with a pump impeller (90) connected to a first permanent magnet (92). The pump impeller (90) is rotationally mounted inside a liquid-tight pump casing (80, 82, 84, 86, 88). This casing is provided in the form of a spacer can (80, 82) in the area of the first permanent magnet (92). The arrangement also has an electronically commutated electric motor (20) with a stator (22) and with a rotor (26), which can rotate relative thereto and which has a second permanent magnet (67) that interacts with the first permanent magnet (92) in the manner of a magnetic coupling (94). A number of soft ferromagnetic magnetic flux conductors (150) are placed in the space located between the second permanent magnet (67) and the spacer can (80, 82). These conductors are situated at a distance from one another whereby depicting the magnetic field of the second permanent magnet (67) that is active at its end facing away from the spacer can (80, 82), which is assigned to the first permanent magnet (92).

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