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 08707323 A 20080126

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Abstract (en)
[origin: WO2008119404A1] An arrangement for delivering fluids has a fluid pump (91), which is designed in the manner of a centrifugal pump. Said pump (91) has an impeller (90) that is connected to a first permanent magnet (92), and it has an electronically commutated internal armature motor (70) as the drive. Said motor has a stator (68) within which a rotor (60) having a second permanent magnet (64) is rotatably located. The second permanent magnet (64) works together with the first permanent magnet (92) in the manner of a magnetic clutch (93). The arrangement also has a split case (52) that separates the first permanent magnet (92) of the magnetic clutch (93) located within said split case (52) from the second permanent magnet (64) of the internal armature motor (70) located outside of the split case (52) in a fluid-tight manner. The stator (68) of the internal armature motor (70) is located radially outside the magnetic clutch (93). A first axis (54) located on the outside of the split case (52) serves to rotatably support the rotor (60) of the internal armature motor (70).

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