

Title (en)
MAGNETIC DRIVE PUMP ASSEMBLY

Title (de)
MAGNETKUPPLUNGSPUMPENANORDNUNG

Title (fr)
ENSEMBLE DE POMPE À ENTRAÎNEMENT MAGNÉTIQUE

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Application
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Abstract (en)
[origin: WO2014180711A1] The invention relates to a pump arrangement (1), more particularly a magnetic clutch pump arrangement, comprising an inner chamber (11) formed by a pump housing (2) in the pump arrangement (1); a containment shell (10) which hermetically seals an enclosed chamber (12) with respect to the inner chamber (11) formed by the pump housing (2); an impeller shaft (13) that can be driven in rotation about an axis of rotation (A); an impeller (16) mounted on one end of the impeller shaft (13); an inner rotor (17) mounted on the other end of the impeller shaft (13); a drive motor (9); a drive shaft (20) that can be driven in rotation about the axis of rotation (A) by the drive motor (9); and an outer rotor (22) which is mounted on the drive shaft (20) and co-operates with the inner rotor (17); wherein the outer rotor (22) has a hub (23) and a first support element (28). According to the invention the outer rotor (22) has a hollow cylindrical portion (25) between the hub (23) and the first support element (28).

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