

Title (en)
THERMAL BARRIER

Title (de)
WÄRMESPERRE

Title (fr)
BARRIÈRE THERMIQUE

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Abstract (en)
[origin: WO2020200624A1] The invention relates to a pump arrangement (1), in particular a magnetic clutch pump arrangement, comprising an inner chamber (11) formed by a housing arrangement (2), a separating can (10) which hermetically seals a chamber (12) enclosed by it with respect to the inner chamber (11) formed by the housing arrangement (2), an impeller shaft (13) that can be driven in rotation about an axis of rotation (A), an impeller (16) arranged on one end of the impeller shaft (13), an inner rotor (17) arranged on the other end of the impeller shaft (13), a drive device, a drive shaft (20) that can be driven in rotation about the axis of rotation (A) by the drive device, and an outer rotor (24) which is arranged on the drive shaft (20) and co-operates with the inner rotor (17), wherein the outer rotor (24) comprises a first carrier element (25) and a second carrier element (32) connected to the first carrier element (25), the first carrier element (25) comprising a thermal barrier device (37).

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