

Title (en)
CENTRIFUGAL PUMP ASSEMBLY

Title (de)
KREISELPUMPENAGGREGAT

Title (fr)
GROUPE POMPE CENTRIFUGE

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Application
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Abstract (en)
[origin: WO2018166639A1] The invention relates to a centrifugal pump aggregate having an electric drive motor and at least one impeller (38; 38') which is driven rotationally by said electric drive motor and is arranged in a pump housing (24; 24'), in which a first suction duct (46; 46') is configured which forms a first flow path from a first suction connector (44; 44') to the suction side of the impeller (38; 38'), wherein the pump housing (24; 24') has a receiving chamber (50; 50') which intersects the first suction duct (46; 46'), is connected to a second suction connector (58; 82; 110; 116), and in the interior of which at least one movable valve element (64; 90; 100; 128) is arranged which is connected to an actuating drive (76; 94; 105; 124) and is configured in such a way that, by way of the movement of the valve element (64; 90; 100; 128), a cross-sectional ratio can be changed between the first flow path which extends from the first suction connector (44; 44') and a second flow path which extends from the second suction connector (58; 82; 110; 116).

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