

Title (en)  
CENTRIFUGAL PUMP ASSEMBLY

Title (de)  
KREISELPUMPENAGGREGAT

Title (fr)  
GROUPE POMPE CENTRIFUGE

Publication  
**EP 3376037 B1 20210127 (DE)**

Application  
**EP 17160836 A 20170314**

Priority  
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Abstract (en)  
[origin: WO2018167031A1] The invention relates to a hydraulic structural unit having: a centrifugal pump aggregate which has an electric drive motor (4, 6) and at least one impeller wheel (14) driven by the drive motor; and at least one valve element (18) which is arranged such that it can be moved by a flow of liquid caused by the impeller wheel (14), wherein at least one section (18; 78) of a wall which bounds a flow path in the hydraulic structural unit is movable, this movable section (18; 78; 86) of the wall is part of the valve element (18) or is connected to the valve element (18) in order to move the latter, and this movable section (18; 78; 86) can be moved, at least partially as a result of frictional forces, by the flow of liquid running along the wall.

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Cited by  
WO2024061892A1; WO2023165900A1

Designated contracting state (EPC)  
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