

Title (en)
PUMP ASSEMBLY

Title (de)
PUMPENANORDNUNG

Title (fr)
ENSEMBLE DE POMPE

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Application
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Abstract (en)
[origin: EP3667090A1] The present disclosure is directed to a pump assembly (1) comprising- a rotor axle (45) extending along a rotor axis (R),- an impeller (12) fixed to the rotor axle (45),- a pump housing (11) accommodating the impeller (12),- a drive motor comprising a stator (17) and a rotor (51), wherein the rotor (51) is fixed to the rotor axle (45) for driving the impeller (12),- a rotor can (57) accommodating the rotor (51), wherein the rotor can (57) comprises a rotor can flange (63),- a stator housing (13) accommodating the stator (17),- a first radial bearing ring (47) being in sliding contact with the rotor axle (45), and- a bearing retainer (41) comprising a bearing retainer flange (43) and embracing the first radial bearing ring (47).The rotor can flange (63) comprises a stop surface (79) facing away from the impeller (12), wherein the bearing retainer (41) is resiliently springloaded for biasing the stop surface (79) of the rotor can flange (63) axially away from the impeller (12) against a locking ring (85).

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