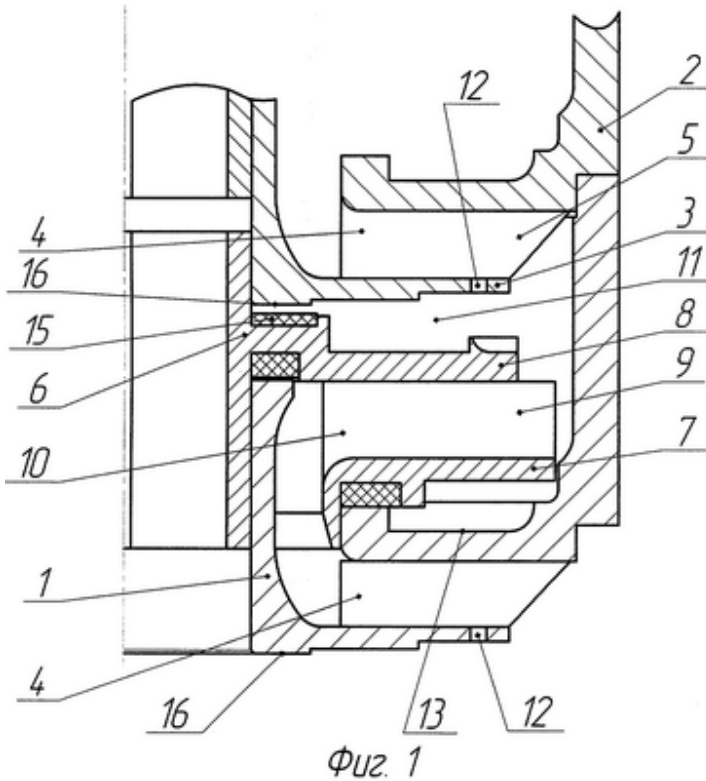


№2303167. Реферат

FIELD: oil producing industry.



SUBSTANCE: proposed stage of multistage submersible pump contains guide apparatus with housing, cover and impeller with at least one disk with blades. One or more continuous ring slots or separate sector ring slots between blades are made over periphery of cover of guide apparatus. Slots are arranged on diameter equal to not less than 0.5 of diameter of impeller, and their width does not exceed 0.3-0.5 of width of backward blades of

guides of guide apparatus.

EFFECT: reduced negative axial force acting in direction of suction practically without complication of design of stage and technology of its manufacture, increased efficiency and head.

2 cl, 2 dwg