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(54) Title: SUBSEA COMPRESSOR OR PUMP WITH HERMETICALLY SEALED ELECTRIC MOTOR AND WITH MAGNETIC COUPLING

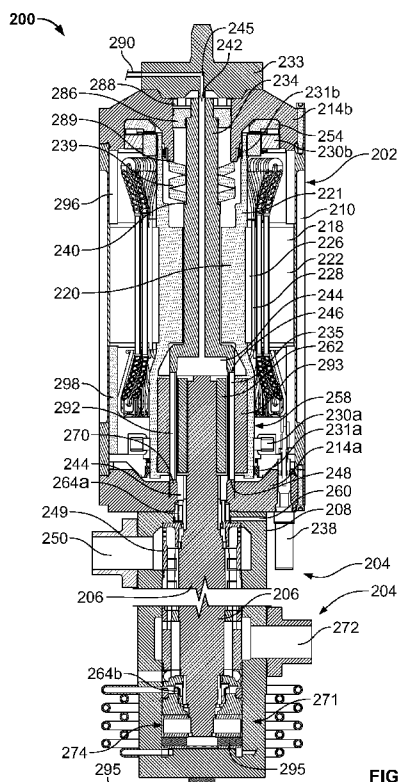


FIG. 2A

(57) Abstract: A submersible fluid system for operating submerged in a body of water includes a fluid-end with a fluid rotor disposed in a fluid-end housing. An electric machine housing is coupled to the fluid-end housing and has a hermetically sealed cavity containing a fluid at a pressure less than a hydrostatic pressure at a specified depth at which the submersible fluid system is designed to operate. An electric machine is disposed in the cavity of the electric machine housing and includes an electric machine rotor coupled to the fluid rotor and an electric machine stator.



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