# SUBMERSIBLE WELL FLUID SYSTEM

## ABSTRACT

A submersible well fluid system for operating submerged in a body of water may include an electric machine and a fluid end. The electric machine includes a rotor and a stator residing in a first housing at specified conditions. The fluid end may include an impeller and be coupled to the electric machine. The submersible well fluid system may also include an adjustable speed drive for the electric machine in the housing. The submersible well fluid system may also include a chemical distribution system for supplying treatment chemicals to the submersible well fluid system, a barrier fluid supply system for supplying a barrier fluid to the submersible well fluid system, and a pressure management system.

FIG. 1A