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(54) Title: ELECTRIC SUBMERSIBLE PUMP SYSTEMS

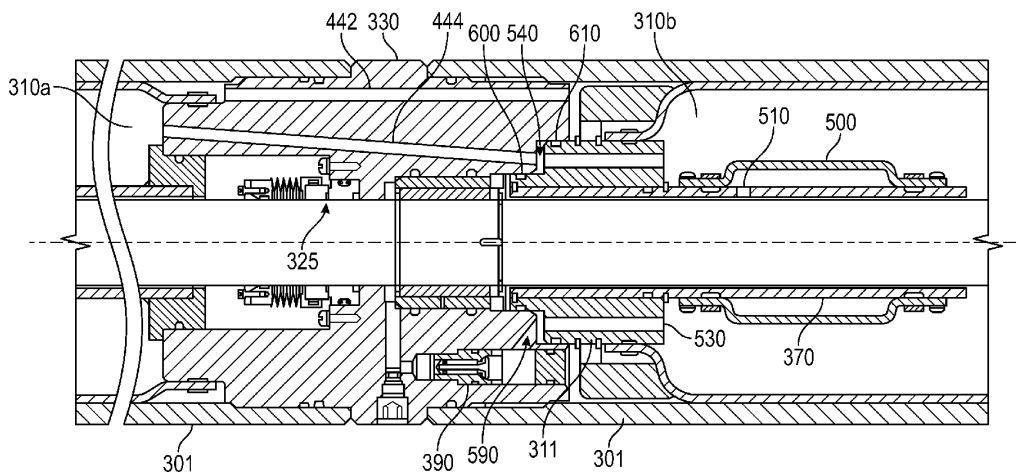


FIG. 3

(57) Abstract: A protector for an electric submersible pump includes a plurality of chambers, with adjacent or consecutive pairs of chambers coupled, e.g., fluidly coupled, via a series or parallel body. The body defines two separate hydraulic circuits, which allows for the inclusion of a shaft seal, even when the body couples consecutive chambers in a parallel configuration or couples to a thrust bearing chamber. The shaft tube circuit can include a compensator and/or a relief valve.

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