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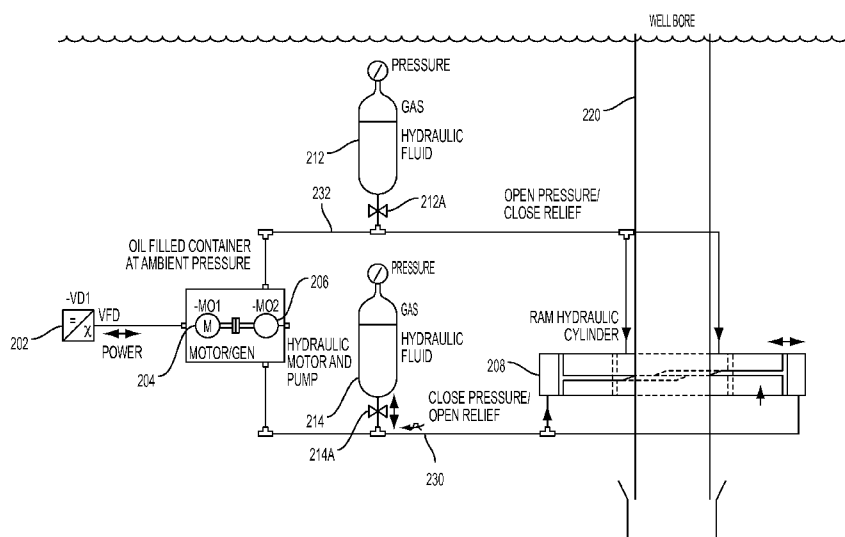


FIG. 1

(57) **Abstract:** A subsea energy storage for well control equipment, wherein stored energy near a well on the sea floor monitors and activates well control equipment independently of, or in conjunction with, hydraulic energy. Energy to the subsea energy storage can be supplied by surface umbilical, remotely- operated vehicle, or by subsea electrical generation from stored hydraulic energy. Stored electrical energy may also recharge stored hydraulic energy. A subsea control system is configured to record data, compare the data to predetermined event signatures, and operate the well control equipment with stored electrical energy.