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(54) **Title:** OILFIELD APPARATUS AND METHODS OF USE

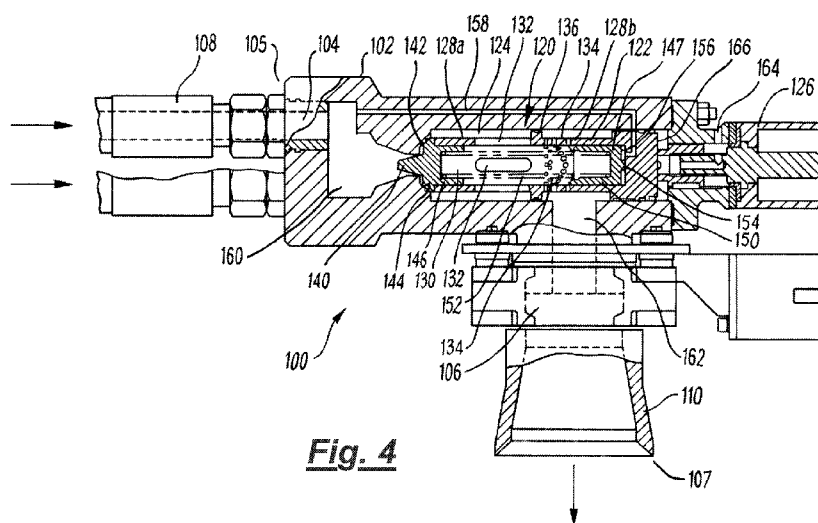


Fig. 4

(57) **Abstract:** The invention provides a flow control valve for a subsea hydrocarbon production system and a method of use. The flow control valve comprises an inlet configured to be in fluid communication to an injection fluid conduit and an outlet configured to be in fluid communication with a subsea flow system. A flow control mechanism is disposed in a flow path between the inlet and the outlet and is arranged to adjust a flow rate through the flow path. The flow control mechanism is configured to automatically adjust the flow rate of injection fluid through the flow path according to a pressure differential between fluid pressure at the inlet and fluid pressure at the outlet. Adjustment may be self-regulating, or may be controlled by a hydraulic control circuit.

