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(54) Title: SETTING TOOL

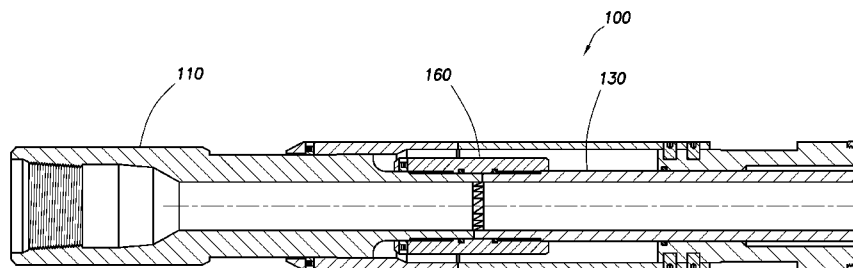


FIG. 1A

(57) Abstract: A downhole setting tool is provided. The tool comprises a tool housing and a hollow mandrel, the mandrel being situated in the housing. The tool further comprises a piston situated between the mandrel and the tool housing and a collar situated between the mandrel and the tool housing, wherein the tool housing, the mandrel, the piston and the collar define an annulus. The tool further comprises a first valve, wherein in a closed position the first valve blocks a path of fluid communication between the interior of the mandrel and the annulus.

