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(54) Title: DIRECTIONAL GATE VALVE

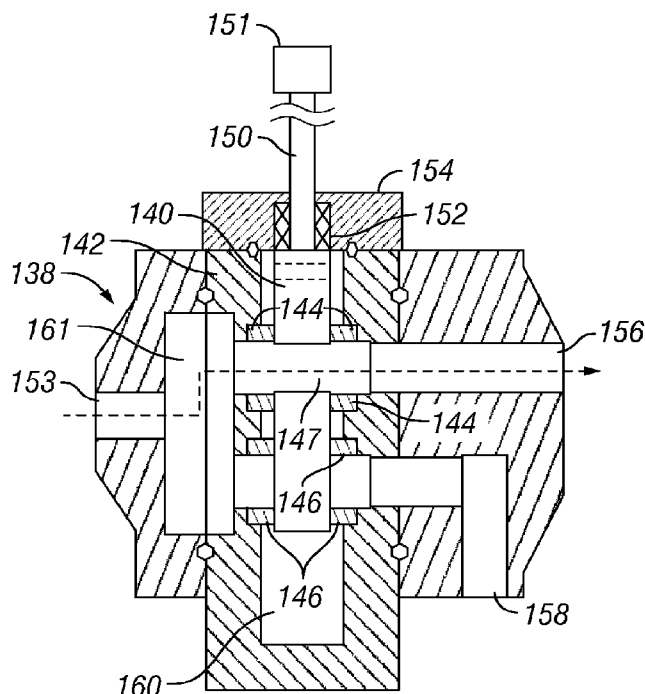


FIG. 1A

(57) Abstract: A directional gate valve is disclosed. The gate valve comprises a valve body. A first flow path, a second flow path and a third flow path are positioned in the valve body. The second and third flow paths are capable of fluidly communicating with the first flow path through a connecting flow configuration. A gate is positioned within the gate valve at a location separate from the connecting flow configuration. The gate is configured to move back and forth between a first position and a second position in the valve body. When the gate is in the first position the gate provides fluid communication through the second flow path and simultaneously blocks fluid communication through the third flow path. When the gate is in the second position the gate provides fluid communication through the third flow path and simultaneously blocks fluid communication through the second flow path.



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