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(54) Title: VALVE APPARATUSES AND RELATED METHODS FOR REACTIVE PROCESS GAS ISOLATION AND FACILI-
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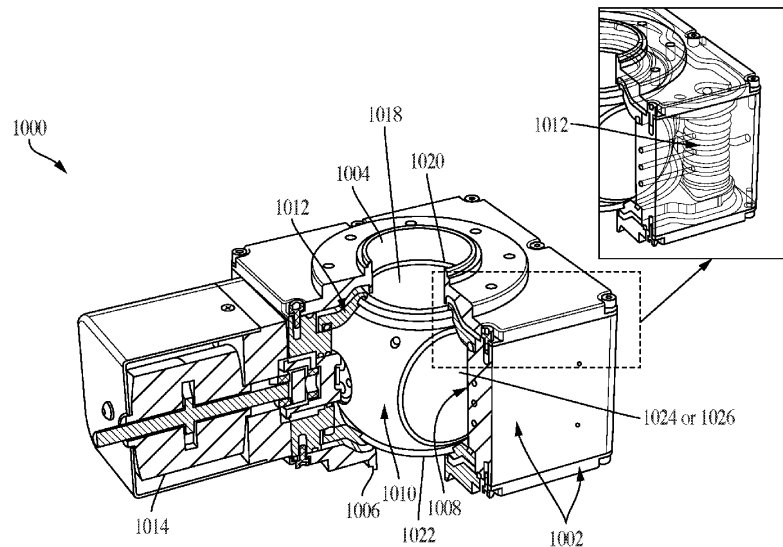


FIG. 10

(57) Abstract: An isolation valve assembly is provided that includes a valve body having an inlet and an outlet, a sealing body disposed within an interior cavity of the valve body, and an actuable closure element disposed within the valve body. The sealing body comprises a channel extending between a first opening on a surface of the sealing body and a second opening on an opposite surface of the sealing body. The sealing body is rotatable between a first position permitting gas flow from the inlet to the outlet of the valve body via the channel, and a second position preventing gas flow from the inlet to the outlet of the valve body. The actuable closure element is configured to retain the sealing body stationary in the first position or the second position.

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