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[Continued on next page]

(54) Title: PNEUMATIC GATE VALVE WITH INTEGRATED PRESSURIZED GAS RESERVOIR

(57) Abstract: A rapid-closure gate valve (10) comprising pressurized gas reservoirs (37, 39) that are integrated with the valve body (12). Pressurized gas stored in the reservoirs (37, 39) is utilized to shift a gate member (20) from a valve open position to a valve closed position upon actuation of the valve. Actuation of the valve is achieved by an actuator assembly (14) coupled with the valve body. The actuator assembly is configured to initiate a flow of pressurized gas from the reservoirs into a chamber (48) which effects shifting of the gate member.

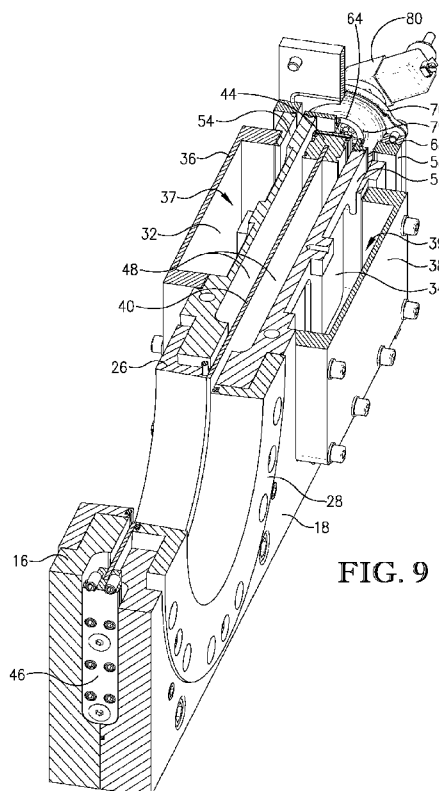


FIG. 9



EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,
LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
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