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(12) **United States Patent
Older**

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(54) **FLOW CONTROL/SHUT-OFF VALVE
ASSEMBLY**

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See application file for complete search history.

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(57) **ABSTRACT**

A flow valve assembly includes a valve operable between an
open position and a closed position and a controller opera-
tively coupled to the valve to operate the valve between the
open position and the closed position. A mechanically or
electrically operated assembly is provided to determine an
amount of fluid flow through the valve when the valve is in the
open position. A mechanically or electrically operated
mechanism moves the valve from the open position to the
closed position when the amount of fluid flow exceeds a
predetermined value. A method of operating the valve is also
provided.

9 Claims, 8 Drawing Sheets

