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**Gao**

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(54) **ANTI-SHAKE FLOW-LIMITING CUTOFF VALVE**

(56) **References Cited**

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See application file for complete search history.

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(57) **ABSTRACT**

The present invention relates to an anti-shake flow-limiting cutoff valve, comprising a flow stop valve, a cutoff valve and a check structure. Said flow stop valve comprises a valve body, a valve seat, a piston and a biasing component. The check structure is arranged downstream said flow stop valve to prevent fluid from flowing back. In case of a sudden excessive water flow, the flow stop valve is closed under impact of excessive water pressure to block the water flow. At this time, since the liquid flow in the pipeline is suddenly blocked, the liquid flow remaining in a pipeline downstream the flow stop valve tends to form a reverse flow to impact the flow stop valve, thus shaking the flow stop valve, which may further lead to insufficient close or damage of the flow stop valve.

**9 Claims, 4 Drawing Sheets**

