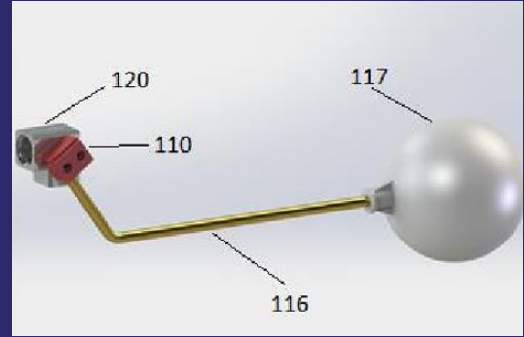


Granted IN201911034572

A liquid volume regulating apparatus comprising a novel valve assembly



NEED

Float valves in water tanks fail under high pressure, necessitating costly, time-consuming alternatives for monitoring water levels to prevent overflow.

SOLUTION

The invention introduces an L-port ball valve assembly for liquid tanks, featuring a novel configuration to regulate liquid volume efficiently and reliably.

INNOVATION

The L-port ball valve assembly features an innovative design with a larger inlet, articulating stem, and a spring-and-knob mechanism for precise flow control, enhancing reliability and efficiency in preventing liquid overflow in tanks.

MARKET ANALYSIS

Market: Water management and sanitation
CAGR: Approximately 3-4% (general trend for fluid control technologies)

Potential Indian Clients: Municipal water supply entities, building construction companies, manufacturers of sanitary ware

WHY INVEST?

- L-port ball valve assembly
- Liquid volume regulating apparatus
- Groove articulation
- Valve closure



AT A GLANCE

- Current TRL NA
- Funded by NA
- IPC B67D, F16K, F17C
- Domain
Valve technology for liquid flow regulation

For more information, reach out to (contact person), (designation), (organization) at (email ID) and (phone number)



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