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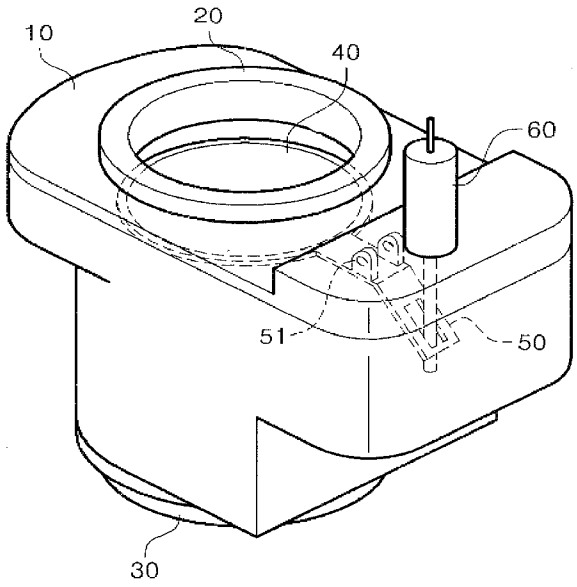
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(54) **Title:** VALVE FOR PREVENTING REVERSE-FLOW



(57) **Abstract:** The present invention relates to a valve for preventing reverse-flow employing a pneumatic cylinder to operate the isolating plate. A usage of separate power source for driving the isolating plate and the resulting geometry of the inner structure of the valve for preventing reverse-flow according to the present invention enable the isolating plate to be placed so as not to reduce exhaust conductance. Due to the enhanced exhaust conductance of the valve for preventing reverse-flow in accordance with the present invention, and therefore, a process time decreases, exhaust efficiency is improved and a reverse flow caused by a sudden stoppage of the vacuum pump can be rapidly and safely prevented so that the vacuum chamber is prevented from being contaminated.

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