

ABSTRACT

The present invention generally relates to a back pressure blocking valve that can quickly block an abrupt inflow of air or a back flow of a fluid in a pipe system used to maintain a constant pressure and a forward flow of a fluid such as a gas in a process of manufacturing a semiconductor, an LCD, or a chemical. More particularly, the present invention relates to a back pressure blocking sliding valve including: a valve body having a fluid inlet part, a fluid outlet part, and a fluid passing cavity; a mover with an upper part having a blocking plate for blocking the flow of the fluid under a back pressure, the mover being horizontally moved into the fluid passing cavity when blocking the back pressure; and a mover shifting unit for horizontally shifting the mover, wherein the fluid passing cavity of the valve is normally not blocked so as to allow a normal flow of the fluid, but when a back pressure is generated in the pipe system, the mover is horizontally shifted to a blocking position so as to make the blocking plate of the mover efficiently block the backflow of the fluid, even in a process in which powder is produced.