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BACK-FLOW PREVENTION APPARATUS

ABSTRACT OF THE DISCLOSURE

A back-flow prevention apparatus includes a screw which includes a screw head; a seal ring which has a first resin passageway formed therein; a back-flow prevention ring which is rotatable with respect to the seal ring and which has a second resin passageway formed therein; and a drive unit for selectively rotating the screw in a regular or reverse direction. A first positioning mechanism is disposed between the screw head and the seal ring and adapted to position the seal ring at a predetermined position with respect to the screw head. A second positioning mechanism is disposed between the screw head and the back-flow prevention ring and adapted to establish communication between the first resin passageway and the second resin passageway.

Fig. 5