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(54) Title: VALVE

(57) Abstract

A valve assembly (100) comprises a valve body (110) having a fluid flow passageway (112-114) in communication with the valve body cavity (116) in which is disposed a flow control member (118) for selectively closing or opening the fluid flow passageway. A valve operator (150) actuates a stem (120) connected to the flow control member by a connecting means which allows axial movement of the stem (120) but substantially no rotary movement between the stem (120) and the flow control member (118). The flow control member (118) comprises stop means (130) to arrest axial movement of the stem (120) towards the flow control member (118) in order to transmit the stem force to the flow control member (118) so as to provide a better sealing function in the selected valve position. A stem moving means (152) associated with the valve operator and the stem causes the stem (120) to rotate and reciprocate. The valve operator (150) selectively moves the flow control member (118) to a flow closed position or to a flow open position.

