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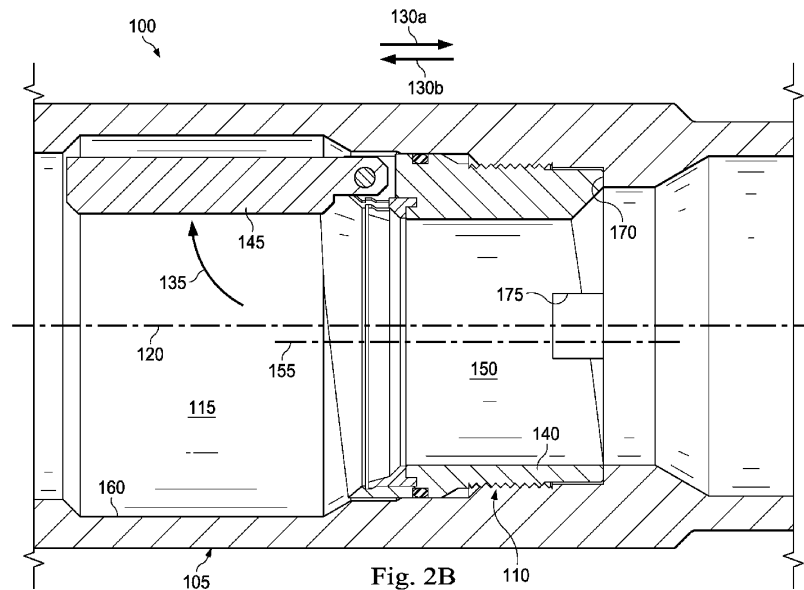
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(54) Title: ECCENTRIC SEAT FOR FLAPPER VALVE



(57) Abstract: A method and apparatus according to which a flow control device includes a housing and a flapper valve. The housing defines an internal passage in which the flapper valve extends. The flapper valve includes a seat and a flapper pivotably coupled to the seat. The seat includes an internal passage and an external surface. The internal passage of the seat extends along a longitudinal central axis that is offset from a longitudinal central axis along which the external surface of the seat extends and a longitudinal central axis along which the internal passage of the housing extends. This offset allows an internal annular recess of the housing to accommodate the flapper pivoting away from the longitudinal central axis of the internal passage of the seat by a distance of equal to or greater than a radius of the internal passage of the seat.

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