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(54) Title: DOUBLE ACTING BOOST ARRANGEMENT

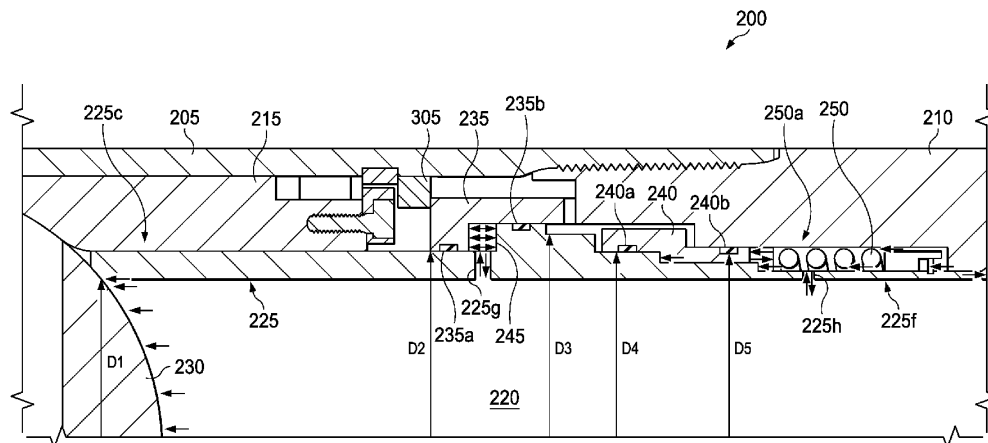


FIG. 3

(57) Abstract: A valve assembly, is presented that has a seating member is slidably coupled to a valve body adjacent a valve body bore and has a metal seat located on a seating end thereof that is engagable against a ball valve member. The seating member has a vent port located there through to allow fluid to flow into a fluid chamber within the ball housing. A first piston is slidably located between the seating member and the ball housing and located over the vent port, and a second piston is slidably located between the seating member and the ball housing and is located downhole from the first piston. Sealing members are located between the first and second pistons and engaged against the seating member.

WO 2021/054939 A1