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(54) Title: FLOW TUBE AND FLAPPER CONFIGURATION OF A SAFETY VALVE FOR A PRODUCTION WELLBORE

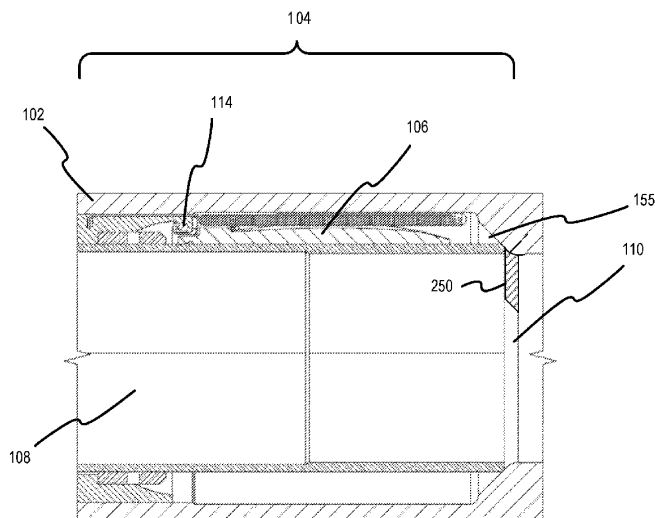


FIG. 2

(57) Abstract: A safety valve for a wellbore for production of hydrocarbons from a surrounding subsurface formation includes a flow tube through which a flow of fluids from the surrounding subsurface formation downhole to a surface of the wellbore, wherein the flow tube comprises a lower end through which the flow of fluids is to enter the flow tube, wherein the flow tube is composed of metal, except for at least a cut out section of the lower end that is composed a polymeric material. The safety valve includes a flapper configured close the safety valve by changing positions to cover an opening at the lower end of the flow tube such that an impact force of the closing on the flapper onto the flow tube is at least partially absorbed by the polymeric material.

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