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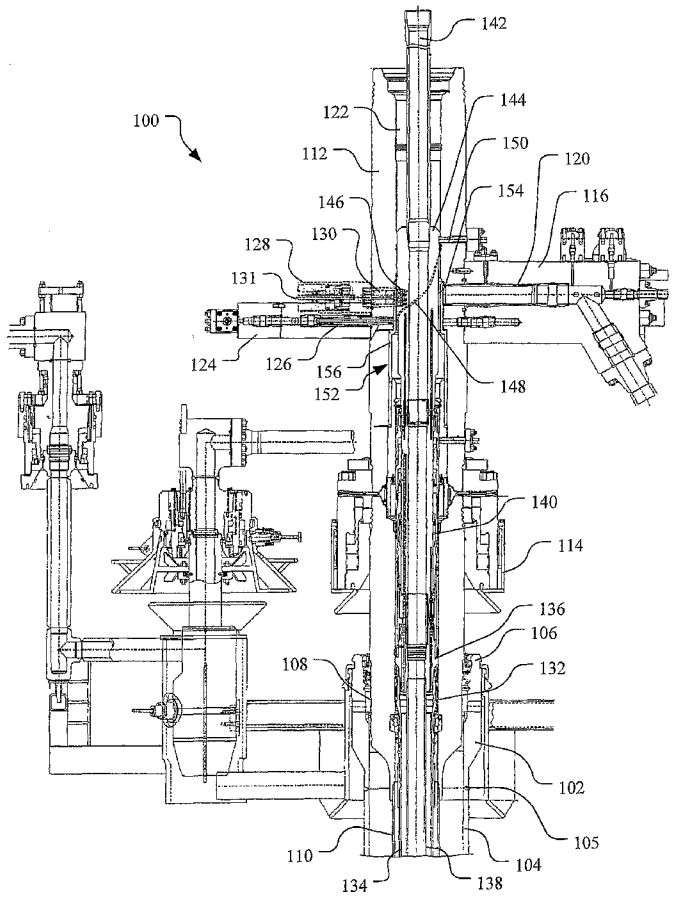
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(54) Title: WELLHEAD COMPLETION SYSTEM HAVING A HORIZONTAL CONTROL PENETRATOR AND METHOD OF USING SAME



(57) Abstract: A well completion system includes a completion device (112) defining a bore therein attached to a wellhead (108) and a tool (140), disposed within the bore, comprising an operational element and a control receptacle in communication with the operational element. The system further includes a horizontal penetrator assembly disposed external to the completion device and comprising at least one horizontal penetrator capable of being extended into and retracted from the bore to engage the control receptacle such that the horizontal penetrator (130) is in communication with the operational element of the tool. A method includes inserting a tool into a bore of a completion device, engaging a horizontal penetrator with a control receptacle of the tool, and operating an element of the tool via the horizontal penetrator.

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