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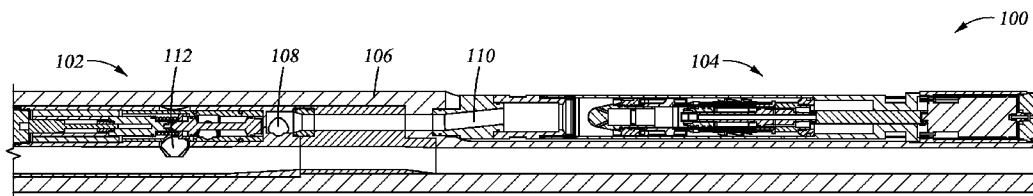
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(54) Title: DRILLING FLUID FLOW DIVERTER



(57) Abstract: An embodiment of the apparatus includes a housing having a first flow bore and a second flow bore, the first flow bore having a drilling fluid flowing therein, a device disposed in the second flow bore to receive a fluid flow, and a diverter disposed between the first and second flow bores, the diverter having a first position preventing the drilling fluid from flowing into the second flow bore and a second position allowing a portion of the drilling fluid to flow into the second flow bore and through the device. Another embodiment includes a variable second position directing the drilling fluid into the second flow bore at a variable flow rate. A further embodiment includes a drill collar as the housing and a power generation assembly as the device to receive the fluid flow. Embodiments of a method of diverting a fluid flow in a downhole tool include diverting a portion of a first fluid flow to a second flow bore, and further varying a flow rate of the fluid to the second flow bore.