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(54) Title: CENTRIFUGAL SEPARATION SYSTEM AND METHOD

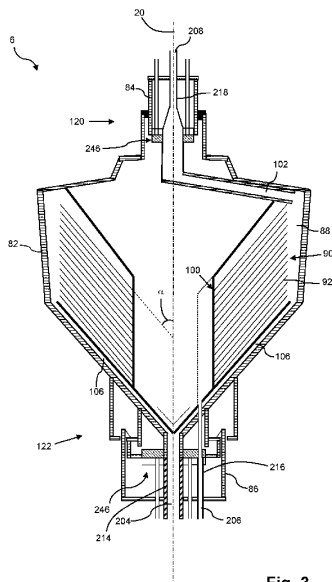


Fig. 3

(57) Abstract: Herein a centrifugal separation system (200) comprising a centrifugal separator (202), a liquid feed mixture conduit (204), a light phase conduit (206), a heavy phase conduit (208), and a flow control system (210) are disclosed. The flow control system (210) comprises a control unit (226), a flow control valve (224) arranged in a light phase conduit (206), a liquid feed mixture measuring device (220), and at a light phase measuring device (222) and/or a heavy phase measuring device (223). The control unit (226) is configured to control the flow control valve (224) based on measurements from the liquid feed mixture measuring device (220) and measurements from the light phase measuring device (222) and/or the heavy phase measuring device (223).

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