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(54) Title: PROCESS TO OPTIMIZE BROWN STOCK WASHING UNIT OPERATIONS

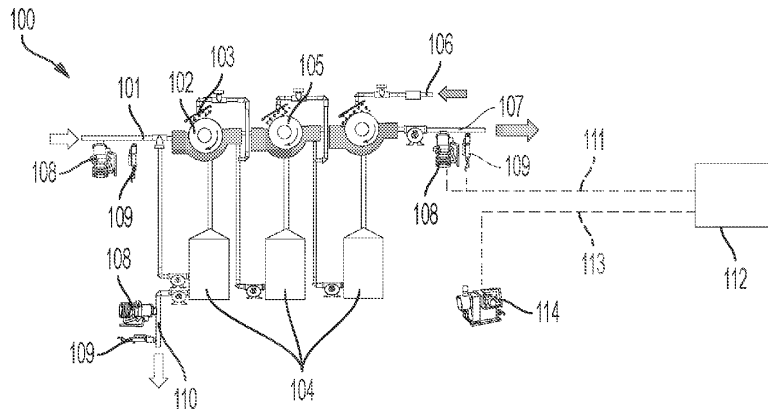


FIG. 1

(57) Abstract: A method of treating brown stock in a brown stock washing process is provided. The method includes measuring a refractive index of a brown stock; and dosing an additive to the brown stock according to at least the refractive index of the brown stock. A system for controlling dosing of an additive to a brown stock washing process is also provided. The system includes a refractive index measurement device; a controller configured to receive data provided by the refractive index measurement device and transform the data into additive addition output instructions; and an additive delivery unit configured to receive and execute the additive addition output instructions from the controller.

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