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The invention relates to the equipment for sugar-mills and may find its application at the sugar juice purification plants. The device for juice mixing with calcareous suspension contains a mixing vessel, a pipe for inlet of the calcareous suspension joined with a pipe for feeding thereof, inside which it is coaxially installed, with the possibility of reciprocating motion, a vertical rod, the upper end of which is joined with the actuating mechanism and onto the lower end there is fixed a conic valve for calcareous suspension feed control, a juice inlet pipe joined with a pipe for outlet thereof, coaxially placed to the calcareous suspension feeding pipe, forming an annular space for juice passage and provided with a semi-spherical juice feed final-control valve, installed with the possibility of reciprocating motion and a mechanism for valve movement control. The device additionally contains a unit for conic valve position correction, including a bush fixed to the upper end of the rod and placed into a glass, coupled to it by means of a thread and joined with the actuating mechanism, and a threaded bush, mounted onto the end of the pipe for outlet of the calcareous suspension, at the same time, to its end there are installed guide pins, freely placed in the holes of the conic valve.

Claims: 1

Fig.: 2