

The invention relates to the equipment for sugar-mills and may find its application at the juice purification plants.

The mixing device contains a mixture receiver, a pipe for inlet of the calcareous suspension joined with a pipe for outlet of the calcareous suspension, inside of which it is coaxially installed with the possibility of reciprocating motion a vertical rod, onto the lower end of which there is fixed a conic valve for calcareous suspension feed control, a juice feeding pipe joined with a juice outlet pipe, coaxially placed to the pipe for outlet of the calcareous suspension, forming an annular space for juice passage and provided with a juice feed final-control valve, installed with the possibility of reciprocating motion and mechanisms for valve movement control.

At the same time, the pipe for outlet of the calcareous suspension is threaded and joined with the pipe of lower correction, to which there are welded together guide pins, displacing into the holes of the calcareous suspension feed final-control valve, and the vertical rod is fixed to the cover of the inner pipe, joined in its turn by means of the thread with the pipe of upper correction, the cover of which is joined with the air actuator with membrane.

Claims: 1

Fig.: 2