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The invention relates to the agricultural machinery industry, in particular to the sprayer locking devices used for liquid spraying.

The locking device contains a body with longitudinal channel, wherein the inlet and outlet parts are separated from each other by a wall, a transversal branch pipe, inside which there are mounted a nut, a pusher and a locking element, made in the form of a flexible diaphragm. The diaphragm is fixed into the branch pipe round its edges by means of the nut and forms a space that communicates with the inlet and outlet parts of the longitudinal channel, at the same time the inlet part communicates through a channel coaxially placed with the axis of the pusher and made at the outlet in the form of pipe-seat for diaphragm placement in the closed position. The means for displacement and fixation of the pusher is made in the form of elastic lever with spring latch, one end of which is fixed to the transversal branch pipe of the body.

The result consists in reducing the deformation of the locking element and in increasing the speed of response of the locking device.

Claims: 5

Fig.: 10