

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

The locking device contains a body, having a longitudinal canal, a locking element, a pusher interacting with it and means for displacement and fixation of the pusher.

Novelty consists in that the longitudinal canal has the inlet and outlet parts, joined with two transversal canals, at the outlet thereof being placed the locking element, made in the form of a diaphragm, placed into the transversal tube of the body and having a fixation nut. The means for displacement and fixation of the pusher are made in the form of an elastic lever with a spring catch, made in the form of a spring open frame. The lever is mounted onto the transversal tube by means of the adjusting nut, with which it is made of one piece or fixed with its base between the adjusting nut and the counternut.

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

Claims: 5

Fig.: 10