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The invention relates to sprayers, in particular to the knapsack sprayers.
The knapsack sprayer contains a plastic reservoir and a pump placed therein, including a vertical rod-piston, the upper end of which is placed in the upper nest of the reservoir, and its lower end – into a cylinder placed in the lower part of the reservoir. According to the first variant, the lower part of the cylinder is demountably combined with a mantle ring supported as a cantilever onto the lateral wall of the reservoir so that between the bottom of the cylinder and the bottom of the reservoir may be formed a space. In the lower part of the cylinder there is mounted a check valve, and into its bottom there are made through holes. On the outside, onto the bottom of the reservoir there are made bearing protrusions. The mantle ring is mounted onto two protrusions, made into the inner walls of the reservoir, into one of which it is fixed the axis of the lever of the pump drive. The joint of the cylinder with the mantle ring is made threaded, and in the upper part of the cylinder's thread and onto the upper end thereof there are made thrust collars. According to the second variant, the lower part of the cylinder is demountably combined with the support fixed into the recess of the reservoir's bottom. In the lower part of the cylinder it is mounted a check valve, and into its bottom there are made through holes, between the cylinder and the support walls being formed a free space. The support is madein the form of a sleeve, in the upper part of which, placed above the recess in the reservoir's bottom, there are made through holes, communicating with the free space between the support and the cylinder, the joint of which in the upper part is made threaded. Onto the cylinder surface, in the upper part thereof and in the upper part of the thread, there are made collars, of which the superior one is equipped with a protrusion.

Claims: 5
Fig.: 11