

Invention relates to agricultural machinery industry, specifically to separating working elements of top-gathering machines.

The difference of claimed invention from similar technical solutions is that at the level of the lower edge of the stationary housing of the screw conveyor there is a pocket with an arc-shaped cross-section, inside which there is a driven blade beater designed as a solid brush with attached rods, wherein a brush guide having a smaller diameter than that of the solid brush is installed above the solid brush with a gap, the directions of rotation of the blade beater and the brush guide are opposite to each other, and the rods of the solid brush and the rods of the brush guide are arranged with the formation of a gap between the solid brush and the brush guide for directing parts of the tops toward the bent outer ends of the rotor blades.

The design of invention ensures an improvement in the quality of cleaning root and tuber crops from soil impurities.