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The invention relates to the agricultural machinery industry, in particular to semi-automatic seedling planters.

The seedling planter contains a frame, onto which there are mounted a drive, a water batchwise feeding device, a cassette block with planting material, a working section, including a colter, packing wheels, a seedling position stabilizer and a planting device, containing a vertical axis, onto the upper part of which it is placed the disk with seedling holders, each of which consisting of two articulately fixed semi-cones, joined between them by a clamp-shaped grip, on the lower part of the vertical axis there is installed the intermittent rotation mechanism, coming in contact with the wedge-shaped end of the vertical tie-rod and it is made in the form of a drum, the face of which is made polyhedral, the number of faces of which is equal to the number of seedling holders, with that opposite to each face there are placed spring-loaded fixing arms, and in the middle part of the vertical axis it is installed a washer with a groove from the end of placement of the seedling position stabilizer and attaining around the edges the outer surface of the inner semi-cones, each of which being additionally joined with an elastic element. On the vertical axis above the disk with seedling holders, installed with the possibility of turning around it, there is rigidly fixed a supplementary disk, wherein there are made three through holes. Two of them have elongated form, placed diametrically opposite at an equal distance from the axis, with that into each of them there are placed spring-loaded vertical pins, rigidly connected with the lower end to the disk with seedling holders. Into the third hole it isinstalled a spring-loaded pusher, the middle part of which is placed into the hole of the disk with seedling holders, and onto the lower part - perpendicular to its axis there is fixed a plate, periodically contacting with a roll, freely installed onto an axis, rigidly fixed onto the lateral surface of the hub at the maximal point of velocity of the disk with seedling holders. Onto the lower surface of the supplementary disk and correspondingly onto the upper surface of the disk with seedling holders in the location of the pusher there are mounted toothed quadrants periodically engaging into mesh, the toothed quadrant of the supplementary disk being placed into a groove of the same profile and rigidly joined with the pusher. The upper part of the pusher is placed into a guide cap, fixed to the supplementary disk, provided with a protective cover.

Claims: 4
Fig.: 5