

The invention refers to the agricultural machinery industry, in particular to the tillage devices.

The powered tillage tool includes a wedge (2) with forebody (9) and saw-blade (3), with protrusions and grooves onto the back working surface, as well as a strengthening layer (6). The strengthening layer on base of alloyed iron with 1...15% of nickel and/or cobalt, with coarse-dispersion particles of the oxides, nitrides, borides and carbides type is deposited by electrochemical method on the frontal working surface (4) onto a sector, which is limited by the blade edge (7), at the same time, its greatest width at the forebody constitutes $1/2 \dots 1/3$ of its total length. The protrusions and the grooves may be formed by an undulated surface, the generatrix of which is parallel with the tool's movement direction.

Claims: 3

Fig.: 5

