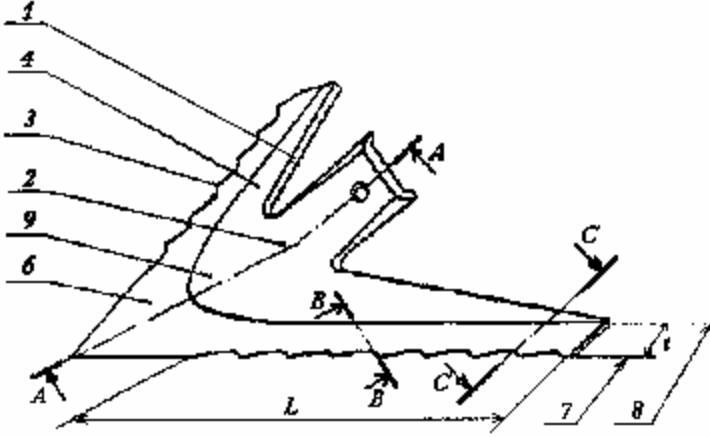


The invention refers to the agricultural machinery industry, in particular to the soil tillage devices.

The soil tillage tool includes the fore part (9) and the saw-shaped blade (3), formed of the protrusions and grooves onto the back working surface. The fore working surface (4) is hardened with an electrochemical composition layer (6) onto a sector, limited by the edge of the blade (7) and the maximum wear line (8), and at the fore part - by 1/2... 1/3 of its length. The protrusions and the grooves may be formed of flutes of cylindrical or wedge-shaped type and parallel to the tool's movement direction.

The electrochemical composition layer is deposited on base of nickel and/or cobalt doped iron with the utilization of coarse-dispersed particles of the oxides, nitrides, borides and carbides type.



Claims: 4

Fig.: 5