

A method involves disposing of the initial bar in the growing chamber, degassing of the growing chamber, melting of initial bar and dosed discharge of alloying component by a nozzle to the molten zone. In the process of vacuumizing additional drying of growing chamber and production tools is carried out, and the dosed discharge is carried out to the center of molten zone from the distance, equal to 1.1-1.5 of radius of the single-crystal growing.