

The invention relates to the nonferrous metallurgy, namely - to the device for obtaining single-crystal ingots. A device for obtaining the single-crystal ingots contains a vacuum chamber, in which are located a heater, a crystallizer installed under the heater, a ceramic mold with a seed, which is located in a cup-shaped element on a water-cooled cylindrical chamber with possibility of displacement from the heater to the crystallizer, which additionally contains liquid-metal coolant from light alloy. In the cup-shaped element the space between the ceramic mold and the internal surface is filled with heat-conducting material. Invention ensures the increase of the speed of oriented crystallization of single-crystal ingots for 2 times.