

The invention relates to powder metallurgy. A method includes heating tungsten compound to reduction temperature and subsequent reduction by hydrogen. Prior to heating the compound of tungsten is mixed up with plasticizer taken in amount of 5-10 per cent by weight of the weight of tungsten compound, then it is pressed under pressure of 0.9-1.3 MPa up to production of plates and dried during 8-10 hours at a temperature of 100-120 °C, and reduction by hydrogen is conducted at a temperature of 1000-1200 °C.