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The invention relates to a technology for producing thermoelectric materials with high power factor.
The method, according to the invention, consists in introducing into the $Bi_{0.94}Sb_{0.06}$ alloy by the Te thermal synthesis method with a concentration of 0,01% at., which fixes the Fermi level in close proximity to the state of the material with zero forbidden energy zone, after which by the Ulitovsky method are obtained thin filaments with a diameter of 0,2…5,0 μm.

Claims: 1
Fig.: 3