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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 that Te with a concentration of 0.01% at. is introduced into the $\text{Bi}_{0.94}\text{Sb}_{0.06}$ alloy by the thermal synthesis method, 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 produced thin threads of a diameter of 2.8 μm .

Claims: 1

Fig.: 4