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The invention relates to the technology for producing thermoelectric materials with a high power factor and can be used for producing thermoelectric energy in extreme conditions.

According to the invention, the thermoelectric material with a high power factor is produced by introducing 0.001 at.% Te into the $\text{Bi}_{0.94}\text{Sb}_{0.06}$ alloy by the thermal synthesis method.

Claims: 1

Fig.: 3