

a 2005 0253

The invention relates to the semiconductor materials and may be used for obtaining alloys.

Summary of the invention consists in that the Bi-Te alloy, the temperature gradient of which is oriented along the trigonal axis, has the composition $\text{Bi}_{1-x}\text{Te}_x$, where $x=0,0135\dots0,0145$, and for the temperature gradient oriented along the bisectrix $x=0,0105\dots0,0115$.

Claims: 1

Fig.: 1