

a 2005 0168

The invention relates to the semiconductor engineering, in particular to the thin-layer solar cells.

The thin-layer solar cell on base of binary compounds A^2B^6 includes a front ohmic contact, a wide-gap semiconducting thin layer, a narrow-gap semiconducting thin layer and a back ohmic contact, applied in series one over another onto a substrate. Novelty of the invention consists in that the solar cell additionally contains a nonmetallic thin layer placed between the narrow-gap semiconducting thin layer and the back ohmic contact.

Claims: 1

Fig.: 3