

ABSTRACT

SEMICONDUCTOR SUBSTRATE, METHOD FOR PRODUCING SEMICONDUCTOR SUBSTRATE, SUBSTRATE FOR SEMICONDUCTOR GROWTH, METHOD FOR PRODUCING SUBSTRATE FOR SEMICONDUCTOR GROWTH, SEMICONDUCTOR ELEMENT, LIGHT-EMITTING ELEMENT, DISPLAY PANEL, ELECTRONIC ELEMENT, SOLAR CELL ELEMENT, AND ELECTRONIC DEVICE

A semiconductor substrate that includes a semiconductor layer that exhibits high crystallinity includes a graphite layer formed of a heterocyclic polymer obtained by condensing an aromatic tetracarboxylic acid and an aromatic tetramine, and a semiconductor layer that is grown on the surface of the graphite layer, or includes a substrate that includes a graphite layer formed of a heterocyclic polymer obtained by condensing an aromatic tetracarboxylic acid and an aromatic tetramine on its surface, a buffer layer that is grown on the surface of the graphite layer, and a semiconductor layer that is grown on the surface of the buffer layer.

Fig. 1