

ABSTRACT

A single crystal furnace heating structure and a single crystal furnace are provided. The single crystal furnace heating structure includes: an insulating baseplate; heating units arranged around an edge of the insulating baseplate; a power supply unit applying an electrical signal to the heating units; a conductive block, movably connected between adjacent heating units, to allow the plurality of heating units to cooperate with the power supply unit to form a loop in conjunction with the power supply unit; an insulating connecting assembly with one end of which being connected to the conductive block and the other end being connected to a crucible support shaft, the insulating connecting assembly moves up and down along with the crucible support shaft, to drive the conductive block to move up and down to change a length of a heating area of the heating unit in a first direction being an axial direction of the crucible support shaft.

(Figure 2)