

ABSTRACT

A water-cooling jacket for a single crystal furnace is provided. The water-cooling jacket is of a cylinder-like structure, and a plurality of through-holes is formed in a side wall of the water-cooling jacket in a circumferential direction of the water-cooling jacket to provide a gas channel through which an inert gas passes to prevent a gas volatilized from a silicon melt in the single crystal furnace from moving upward. The single crystal furnace is further provided.

(Figure 1)