

ABSTRACT

The method for controlling a pulling apparatus 100 for a single crystal silicon ingot I includes: obtaining actual results data that relates a measured
5 value of oxygen concentration of a single crystal silicon ingot I produced by the pulling apparatus 100 and an operation amount of the pulling apparatus 100 during production, generating an estimation model that estimates the oxygen concentration of a single crystal silicon ingot I to be produced by the pulling
10 apparatus 100 based on the actual results data, adjusting the operation amount to be input to the estimation model so that an estimated value of the oxygen concentration of the single crystal silicon ingot I by the estimation model becomes target concentration, and determining the adjusted operation amount as the operation amount for producing a single crystal silicon ingot I in the next batch of the pulling apparatus 100.

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