

Abstract

A likelihood of generation of fine powder of polysilicon is estimated. A method for estimating a likelihood of generation of fine powder of polysilicon includes: an estimation step of
5 estimating, with use of a first trained model and from second captured image data including an image of second polysilicon that is a target of estimation, a likelihood of generation of fine powder of the second polysilicon when vibration is applied to the second polysilicon, the first trained model being generated
10 with use of, as training data, (i) determination data indicating a determination of whether or not an amount in which fine powder of first polysilicon is generated due to vibration applied to the first polysilicon is not more than a predetermined first threshold, the vibration satisfying a predetermined condition
15 and (ii) first captured image data including an image of the first polysilicon.

(Fig. 3)