

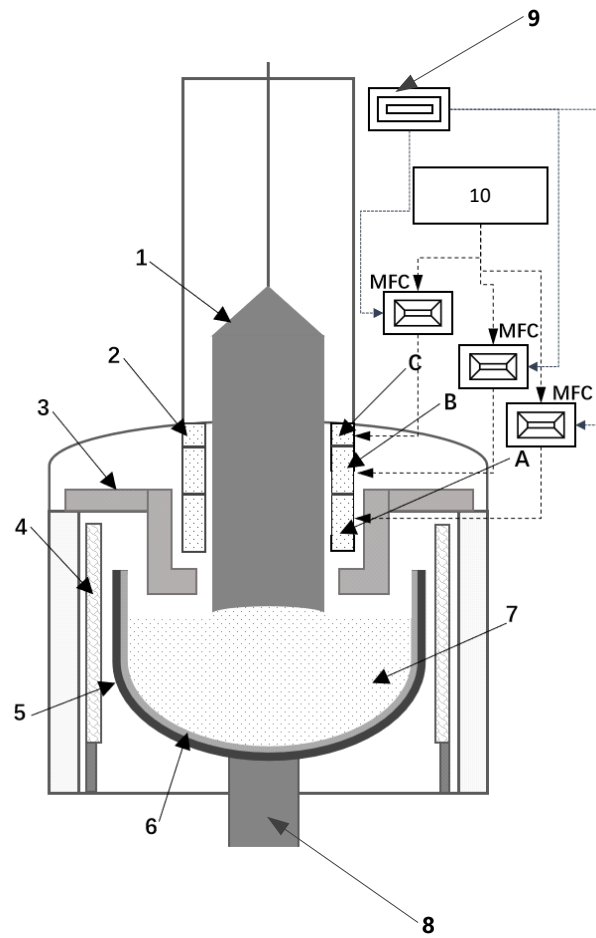


Fig. 1

obtaining a defect evaluation result of a single crystal silicon rod after the growth of the single crystal silicon rod

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adjusting flow rates and/or temperatures of cooling water in water-cooling regions based on the defect evaluation result of the single crystal silicon rod

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Fig. 2