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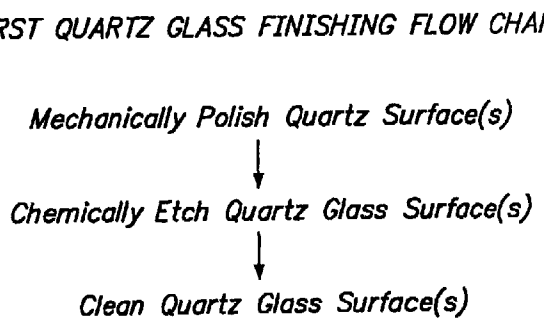
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(54) Title: METHODS OF FINISHING QUARTZ GLASS SURFACES AND COMPONENTS MADE BY THE METHODS



(57) Abstract: Methods of surface finishing a component useful for a plasma processing apparatus are provided. The component includes at least one plasma-exposed quartz glass surface. The method includes mechanically polishing, chemically etching and cleaning the plasma-exposed surface to achieve a desired surface morphology. Quartz glass sealing surfaces of the component also can be finished by the methods. Plasma-exposed surface and sealing surfaces of the same component can be finished to different surface morphologies from each other.

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