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(57) **ABSTRACT**

A method and apparatus for regenerating a lead-zirconate-titanate thin film. The apparatus includes a heater configured to treat the lead-zirconate-titanate thin film at a specified temperature below 350° Celsius by means of a heater different from the lead-zirconate-titanate thin film, wherein the apparatus includes a device for generating an electrical field, wherein the device is configured to generate an electrical field having a specified electrical field strength, and to treat the lead-zirconate-titanate thin film by means of the electrical field.

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