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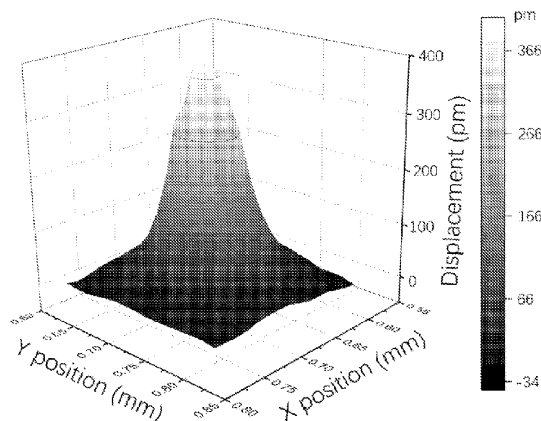
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(54) Title: AN ELECTROMECHANICAL RESPONSIVE FILM

Figure 3



(57) Abstract: An electromechanical responsive film There is provided an electromechanical responsive film comprising an oxide of niobium having formula NbO_x , wherein $2.3 \leq x < 2.5$, the film having an effective longitudinal piezoelectric strain coefficient ($d_{33,p}$) of ≥ 50 pm/V. There is also provided a method of forming the film, as well as an electromechanical device comprising the electromechanical responsive film.

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