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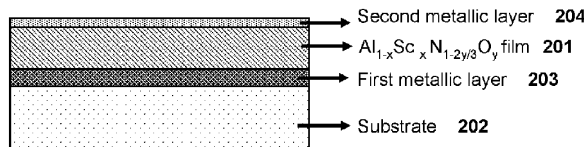
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(54) Title: AN ELECTROMECHANICAL RESPONSIVE FILM

Figure 3



(57) Abstract: An electromechanical responsive film There is provided an electromechanical responsive film comprising aluminium scandium nitride having formula  $Al_{1-x}Sc_xN_{1-2y/3}O_y$ , wherein  $0.45 \leq x \leq 0.6$  and  $0 \leq y \leq 0.15$ . There is also provided an electromechanical responsive device comprising the electromechanical responsive film.



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