

Title (en)  
METHOD FOR PRODUCING SELF-POLARIZED FERRO-ELECTRIC LAYERS, ESPECIALLY PZT LAYERS, WITH A RHOMBOHEDRAL CRYSTAL STRUCTURE

Title (de)  
VERFAHREN ZUR HERSTELLUNG SELBSTPOLARISierter FERROELEKTRISCHER SCHICHTEN, INSBESONDERE PZT-SCHICHTEN, MIT RHOMBOEDRISCHER KRISTALLSTRUKTUR

Title (fr)  
PROCEDE DE REALISATION DE COUCHES AUTOPOLARISEES FERROELECTRIQUES, EN PARTICULIER DE COUCHES DE PZT (TITANATE ZIRCONATE DE PLOMB), PRESENTANT UNE STRUCTURE CRISTALLINE RHOMBOEDRIQUE

Publication  
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Application  
**EP 99953667 A 19990901**

Priority  
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Abstract (en)  
[origin: DE19842816C1] The method involves providing a substrate (1) and heating it to a defined temperature T1. A layer (10) with a rhomboid crystal structure is formed on the substrate. The layer comprises a low-metallic self-polarised layer (13) with a Curie temperature TC1 and a highly metallic layer (14) with a Curie temperature TC2, where T1 is greater than TC1, which is greater than TC2. The heating of the substrate is ended and the layer (10) with rhomboid crystal structure is cooled after the forming process has finished.

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IPC 8 full level  
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