

Title (en)  
METHOD FOR THE PRODUCTION OF A PTC COMPONENT

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES PTC-BAUELEMENTS

Title (fr)  
PROCÉDÉ POUR LA FABRICATION D'UN COMPOSANT PTC

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Application  
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Abstract (en)  
[origin: WO03092019A1] The invention relates to methods for producing a component comprising a base body (8) that contains overlapping ceramic layers (4), which are separated from one another by electrode layers (5). These ceramic layers (4) contain a ceramic material that has a positive temperature coefficient at least in one characteristic curve portion of the R/T characteristic curve. The inventive methods comprise the following steps: a) producing a stack of layers consisting of ceramic green films (1) with electrode layers (5) situated therebetween, and; b) removing binding agents and sintering the stack of layers inside an atmosphere having a lower oxygen content than that of air. This enables the production of PTC components that have a small volume and low resistance.

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