

Title (en)  
PIEZO-ACTUATOR

Title (de)  
PIEZOAKTOR

Title (fr)  
PIEZO-ACTEUR

Publication  
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Application  
**EP 00951223 A 20000619**

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Abstract (en)  
[origin: WO0079615A1] The invention relates to a piezo-actuator, for example, for actuating a mechanical component. The inventive piezo-actuator is provided with a multilayer structure of piezo-layers (2) and electrodes (3, 4) arranged therebetween. In the instance of a mutual lateral contacting (5, 6) of the electrodes (3, 4), a neutral phase (7) without an electrode layer is provided, in which fissuring can occur and can be prevented by shaping the multilayer structure thus enabling an increased mechanical stress to be applied in the area of the neutral phases (7) when the piezo-actuator (1) is mounted in a manner that is perpendicular to the layer structure.

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