

Title (en)  
Micromechanical element.

Title (de)  
Mikromechanisches Element.

Title (fr)  
Élément micromécanique.

Publication  
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Application  
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Priority  
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Abstract (en)  
[origin: EP0478956A2] The invention relates to a microchemical element, consisting of a substrate, a microstructure body, which is bonded to the substrate and can move partially with respect to it as a result of a temperature change and, for its part, is constructed from an electrically non-conductive and an electrically conductive material, at least a portion of the electrically conductive material forming a heating resistor. The object of the invention is to specify such an element of this type in which the movement of the microstructure body takes place parallel to the substrate. The object is achieved in that the heating resistor is arranged asymmetrically offset, seen in the vertical direction onto the substrate, in the moving part of the microstructure body, and is completely immersed in the microstructure body, its thickness in the specified direction corresponding to the thickness of the microstructure body.

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