

Title (en)
HEATING MEMBER WITH RESISTIVE SURFACE

Title (de)
WIDERSTANDSFLÄCHEN-HEIZELEMENT

Title (fr)
ELEMENT CHAUFFANT A SURFACE DE RESISTANCE

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Application
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Abstract (en)
[origin: US6426489B1] The present invention relates to a heating member with a resistive surface (1) that comprises at least one resistive layer (10), two conductive layers (20, 30) as well as isolation layers (40, 50) respectively arranged between said layers (10, 20, 30). The first conductive layer (30) is made in the form of a neutral conductor, while the second conductive layer (30) is made in the form of a protection conductor. In a preferred embodiment of this invention, the resistive layer (10) comprises respectively a contact electrode (11, 12) on both sides in the edge area, while the first and second conductive layers (20, 30) each include a contact electrode (21, 31) in the edge area. The contact electrodes (11, 12, 21, 31) protrude longitudinally and on at least one side above their respective layers (10, 20, 30). A contact electrode (12) of the first resistive layer (10) coincides with the contact electrode (31) of the first conductive layer (30). The second electrode (12) of the second conductive layer (10) are offset relative to each other and relative to the contact electrode (21) of the first conductive layer (20).

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