

Title (en)
SURFACE HEATING DEVICE, METHOD FOR PRODUCING THE SAME AND HEATABLE OBJECT

Title (de)
FLÄCHENHEIZUNG UND VERFAHREN ZU DEREN HERSTELLUNG SOWIE HEIZBARER GEGENSTAND

Title (fr)
CHAUFFAGE DE SURFACE, SES PROCEDES DE PRODUCTION ET OBJET CHAUFFABLE

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Abstract (en)
[origin: WO02052899A1] The invention relates to a surface heating device, comprising a support and a heating layer which contains electroconductive plastic and which is formed by a flexible film, said support also being flexible, and to a heatable object with a surface heating device of this type. The invention also relates to a method for producing a surface heating device. According to this method, a heating layer comprising electroconductive plastic is connected to a support. Said heating layer is formed by first applying an electroconductive, especially a foaming or foam plastic material to the support and then hardening the plastic material on the support. Alternatively, the method for producing a surface heating system may provide that a heating layer is connected to a support with electroconductive plastic and that the heating layer is produced from an electroconductive, especially foaming or foam plastic material and then arranged on the support. Another alternative for the method for producing a surface heating device consists of connecting a heating layer to a support with electroconductive plastic, producing the support in the form of a fabric, working contact ends of power supply wires into the fabric at the same time or subsequently and then applying a heating layer to the support and the contact ends.

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See references of WO 02052899A1

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