

Title (en)

HEATER, IN PARTICULAR HIGH-TEMPERATURE HEATER, AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

HEIZUNG, INSBESONDERE HOCHTEMPERATURHEIZUNG, SOWIE VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

CHAUFFAGE, NOTAMMENT CHAUFFAGE À HAUTE TEMPÉRATURE, AINSI QUE SON PROCÉDÉ DE FABRICATION

Publication

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Application

**EP 10736624 A 20100719**

Priority

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- EP 2010004389 W 20100719

Abstract (en)

[origin: WO2011009577A1] The invention relates to a method for producing a heater, in particular a high-temperature heater and also a high-temperature heater, for example for domestic heating appliances, in which a layer that produces heat when a current flows through is provided on a carrier material (12) as a heating element (14), wherein a first electrically conductive layer (16) which is formed from a free-flowing, non-electrically conductive base material and carbon nano tubes dispersed therein is applied to the carrier material (12), wherein a protective layer (17) is applied to this first layer (16) and at least partly penetrates into the first layer (14) as it is applied, or wherein a functional layer (21) with carbon nano tubes dispersed therein is applied to the carrier material (12), and wherein the at least one layer (16, 17) or the functional layer (21) makes contact with strip-like contact elements (18), and the layers (16, 17) applied to the carrier material or the functional layer (21) are heated.

IPC 8 full level

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