

Title (en)
HEATING DEVICE WITH FLEXIBLE HEATING BODY

Title (de)
HEIZVORRICHTUNG MIT FLEXIBLEM HEIZK RPER

Title (fr)
DISPOSITIF DE CHAUFFAGE A ELEMENT CHAUFFANT FLEXIBLE

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Application
EP 03743805 A 20030215

Priority

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- EP 0301533 W 20030215

Abstract (en)
[origin: WO03077597A1] The invention relates to a heating device, comprising an electrical heating conductor arrangement (1.1), integrated in a flexible heating body (1) and connected to a supply voltage (UV) by means of a connector cable, a heating circuit (3) connected to the above and to further elements including a first control element (THY1) embodied for a heating current (iH) and a drive circuit (2), for varying the heating current (iH) and regulating the temperature, connected to the first controller (3) and comprising a safety circuit (10, 10'). According to the invention, increased safety features are achieved, whereby the safety circuit (10, 10') comprises an error sensor device and an additional control element (THY2), driven by the safety circuit (10, 10'), is arranged in series with the first control element (THY1) in the heating circuit (3). The safety circuit (10, 10', 10'') also or only responds to an error in the control circuit (2) and interrupts the heating current (iH) by driving the additional control element (THY2) (Fig. 1A).

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