

Title (en)
DEVICE FOR HEATING UP A HEATING ELEMENT

Title (de)
VORRICHTUNG ZUR ERWÄRMUNG EINES HEIZELEMENTS

Title (fr)
DISPOSITIF POUR MONTER EN TEMPÉRATURE UN ÉLÉMENT CHAUFFANT

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Application
EP 06754805 A 20060424

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Abstract (en)
[origin: WO2006131419A1] The invention relates to a device (2), in particular, for inductively heating up a heating element (4) by means of an inductor (10) and an element (14) for recording a reference quantity (F) which is dependent on the temperature (T_H) of the heating element (4) and derived from the electric quantity of the inductor (10) in such a way that it makes it possible to form the reference value (F₁, F₂, F₃) from the reference quantity (F) and to adjust the temperature (T_H) according to the reference quantity (F) adjustment by means of the reference value (F₁, F₂, F₃). The aim of said invention is to carry out a reliable adjustment of a water temperature (T_W) or of a cooked product even at extreme conditions or when the reference value (F₁, F₂) is incorrect. For this purpose, the device (2) comprises a correction means (16) for correcting the reference value (F₁, F₂).

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