

Title (en)
A method for controlling a heating-up period of cooking oven

Title (de)
Verfahren zur Steuerung der Aufheizphase eines Backofens

Title (fr)
Procédé de contrôle de la période de chauffage d'un four de cuisson

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Application
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Abstract (en)
The present invention relates to a method for controlling a heating-up period of an oven. The heating-up period of the oven comprises a number of subsequent duty cycles. Each duty cycle includes a first phase with an upper current (I U) and an upper power (P U) and a second phase with a lower current (I L) and a lower power (P L). The upper current (I U) and/or the upper power (P U) exceeds a maximum allowed current or power, respectively, during the first phase of the duty cycle. The lower current (I L) and/or the lower power (P L) goes below the maximum allowed current or power, respectively, during the second phase of the duty cycle. An average current (I A) and/or an average power (P A) goes below or equals the maximum allowed current or power, respectively, during the duty cycle. The time (T U) of the first phase of the duty cycle is shorter than the time (T L) of the second phase of said duty cycle. Further, the present invention relates to a system for controlling a heating-up period of an oven. Moreover, the present invention relates to a corresponding oven.

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