

Title (en)

METHOD AND APPARATUS FOR INTERRUPTING CURRENT SUPPLY TO AN ELECTRIC LOAD

Title (de)

VERFAHREN UND VORRICHTUNG ZUM UNTERBRECHEN DER STROMVERSORGUNG ZU EINER ELEKTRISCHEN LAST

Title (fr)

PROCEDE ET APPAREIL D'INTERRUPTION DE L'ALIMENTATION EN COURANT D'UNE CHARGE ELECTRIQUE

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Application

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Priority

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Abstract (en)

[origin: WO9422065A1] The invention relates to a method and apparatus for interrupting current supply to an electric load (L), such as an electric cooker. In the method the power supply (I) to the load (L) is interrupted by a switching means (1) controlled by a timer (5) on the basis of a preset time limit. In the method of the invention, the flowing of the current (I; Iv) to the load is observed by means of a current transformer (2); the timer (5) is activated when the current supply (I) begins, and the current supply is interrupted by opening the switching means (1, k1) after the preset time period has elapsed; the flowing of the leakage current (Iv) through a shunt circuit (9) arranged in parallel with the switching means (1) is observed after the load current supply (I) has been interrupted, in order to detect a disconnection proper; and after the disconnection the switching means (1) is closed in order to facilitate normal current supply to the load.

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