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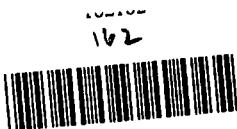
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**METHOD AND DEVICE FOR COOLING HIGH VOLTAGE TRANSFORMER FOR
MICROWAVE OVEN**

ABSTRACT OF THE DISCLOSURE

Disclosed are a method and a device for cooling a high voltage transformer for a microwave oven, in which the high voltage transformer is sealed so as to separate a coil and a core from the outside and to improve a cooling effect, and in which electric connection lines leading from the high voltage transformer are effectively treated and a fixed structure of a container for accommodating the high voltage transformer is improved so as to protect users of the high voltage transformer from dangers such as an electrical shock occurring in inspecting the microwave oven, thereby improving performance and quality of the microwave oven and the high voltage transformer. The method for cooling the high voltage transformer for the microwave oven comprises the steps of: inserting the high voltage transformer into a container with a designated size and sealing the container; injecting a cooling oil into the container so as to absorb heat of a high temperature generated from a coil and a core of the high voltage transformer; and cooling the cooling oil absorbing the heat by radiating the heat via the container exchanging the heat with the outside.

FIG. 4



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