

ABSTRACT – MICROWAVE COOKING CONTAINERS WITH SHIELDING

A microwave oven cooking container is provided for evenly cooking foodstuff without risk of sparking during cooking. The container includes at least one compartment, and has at least two separate shields disposed on the container. A first shield is made of a material substantially opaque to microwave energy and is disposed on an outer or an inner surface of the compartment, with a shape generally corresponding to the outer shape of the compartment and optionally having an aperture on the base. The container further includes a lidding configured to seal the container closed, the lidding having a second shield disposed on the lidding, such as at a predetermined distance from the container sidewalls. Further, a multi-compartment container is configured to provide shielding for a food having a low specific heat capacity with one or more compartments arranged around and at least partially surrounding a shielded central compartment for the food.

FIGURE 7