

HEATABLE CONTAINER

DESCRIPTION OF INVENTION

The present invention refers to a heated container that allows heating a food previously introduced into an interior space of the container, so that the container integrates a heated foil embedded in a bottom of the container with means to be able to connect to a mobile device with a USB connection, being able to reach a temperature close to 90 ° C. The heated foil in combination with the rest of the structure of the container of the invention provides rapid and effective heating of the food introduced into the container. This heating

solution integrated into the body of the food container, avoids any intermediate element and allows the food to be heated directly, reaching the desired temperature in a very short time and in a uniform way. In addition, in this way it is possible to work with a lower energy consumption requirement. The packaging of the invention falls within the food packaging sector.

BUSINESS APPLICATIONS

Food packaging
Catering services
Household

TECHNICAL ADVANTAGES AND BUSINESS BENEFITS

In most of the solutions that we find commercially, a thermal resistance is placed inside the aluminum lining in the lid or in the base and it is connected through a USB port to an adapter or to a laptop to heat the food. This can carry the risk of being burned when handling and its price ranges between \$ 24 and \$ 39.

This container makes it possible to heat prepared foods in spaces that are not conditioned for it, which makes this new intelligent container an option with great potential for commercial exploitation, due to the simplicity of the final container obtained and the competitive costs of the elements that make it up. Thanks to the technology developed, a suitable heating temperature is achieved with a uniform distribution throughout the content.

STATE OF TECHNOLOGY DEVELOPMENT

TRL7

INDUSTRIAL PROPERTY RIGHTS

Patent ES2826248A1. Property of AIMPLAS.

RELATED IMAGES

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