Patent Search

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Abstract:

Egg boiling and peeling device (100) and method thereof for boiling and peeling of eggs in large quantity without much of time and effort. The device comprises of a b comprising a base container (14) with a heating element (15), a heat sensing element (17), a peeling unit comprising a grill cage (4), a control panel (03), and a rotating comprising one or more pulleys (1, 1a), a shaft (18) connected to a motor (2). More over the present invention also provides the method of operating the device.

Complete Specification

FIELD OF INVENTION

The present invention generally belongs to the field of mechanical devices, and more specifically relates to large scale food industry machinery. More particularly th present invention relates to an egg boiling and peeling device and method thereof which helps in boiling and peeling of eggs in large quantity without much of time effort. The device mainly has three components, the egg boiling tub, heating element, Egg peeling cage and rotating mechanism.

BACKGROUND OF INVENTION

Eggs are foods with high nutritional value and are deeply loved by the public. Therefore, related egg processing products have appeared on the market one after an Currently. The household egg cooker has become a mature product. The egg cooker generally uses electric heating and can boil 3-5 eggs at a time. It has a simple d high work efficiency, light structure and high safe.

A strong demand has been made for large scale egg boiling and peeling machine in mess and hotels industry, where a large quantity of eggs are boiled, peeled and consumed on a daily basis.

While the prior peeling devices such as that disclosed in (WO2018086938A1 AN EGG BOILING AND PEELING DEVICE) operate only for a small scale which has a comp construction and not very intuitive to use.

As a solution for significant advancement would be known to use an equipment that has a simple construction with big metal tub with heating element and a cag rotatable container for holding eggs in large quantity.

Some of the prior art known in the field are as below:

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