

TITLE:TURNING STRUCTURE OF A BAKING EQUIPMENT**BACKGROUND OF THE INVENTION**

The present invention relates to a turning structure of a baking equipment. More particularly, the present invention relates to a turning structure which has a pair of transporting devices and a pair of air-cushioning devices.

Referring to FIG. 1, a conventional baking equipment has an oven B to bake an article A which was dipped in a resin, a pair of air-pressuring boxes E, a cooling device C, a sealing box F, and a plurality of transporting devices D. When the article A passes through the transporting devices D, the surface of the article A will be damaged while the article contacts one of the transporting devices D. Therefore, the cooling device C is required to decrease a surface temperature of the article A. However, the producing efficiency and the energy efficiency are decreased significantly.

SUMMARY OF THE INVENTION

An object of the present invention is to provide a turning structure which has a pair of transporting devices and a pair of air-cushioning devices disposed in the transporting devices in order to provide an air-cushioning function for an article.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a schematic view of a conventional baking equipment of the prior art; and

FIG. 2 is a schematic view of a baking equipment of a preferred embodiment in accordance with the present
05 invention.

DETAILED DESCRIPTION OF THE INVENTION

Referring to FIG. 2, a baking equipment comprises an oven 1 to bake an article 4 which was dipped in a resin, a sealing box 3, and a plurality of heating devices
10 30 and a turning structure disposed in the sealing box 3.

The turning structure has a pair of transporting devices 2 and a pair of air-cushioning devices 20 disposed in the transporting devices 2.

The air-cushioning devices 20 produce high-pressure
15 air to blow the article A in order to provide an air-cushioning function for the article A so that the article A will not contact the transporting devices 2.

Therefore, the surface temperature of the article A need not be decreased. Thus the producing efficiency and
20 the energy efficiency are increased significantly.



I CLAIM:

1. A baking equipment comprising an oven 1 to bake an article 4, a sealing box 3, and a plurality of heating devices 30 and a turning structure disposed in the sealing box 3, characterized in that:

05 the turning structure has a pair of transporting devices 2 and a pair of air-cushioning devices 20 disposed in the transporting devices 2, and

 the air-cushioning devices 20 produce high-pressure air to blow the article A.