

Abstract:

This invention relates to an apparatus for forming a food material, such as an apparatus for encrusting a filling material, such as bean jam.

The purpose of this invention is to provide an apparatus for forming a food material, such as an apparatus for encrusting a filling material, whose production cost is considerably reduced by employing the following constitution for the apparatus. Namely, mechanisms that can control the opening and closing movements of a cutting apparatus and the lifting and lowering movements of the cutting apparatus and the food-receiving member by only one driving motor are employed for the apparatus. Further, a simplified control system is employed for the apparatus.

The apparatus comprises: a cutting apparatus to cut the bar-like food material supplied by the combining nozzle, a food-receiving member to receive cut food materials, wherein the apparatus further comprises: a rotating shaft rotably disposed at a frame of the apparatus for forming a food material, a driving motor to rotate the rotating shaft, wherein the driving motor is connected to the rotating shaft, a mechanism for lifting and lowering the food-receiving member to lift and lower the food-receiving member by the motion of the rotating shaft, wherein the mechanism is connected to the rotating shaft, a mechanism for opening and closing the plurality of the shutter members of the cutting apparatus by the motion of the rotating shaft, wherein the mechanism is connected to the rotating shaft, and a mechanism for lifting and lowering the cutting apparatus to lift and lower the cutting apparatus and the mechanism for opening and closing the plurality of the shutter members by the motion of the rotating shaft, wherein the mechanism is connected to the rotating shaft.