

ABSTRACT

To allow a tubular film having a large opening diameter to be heat-sealed with a short length heater by a function (film width reduction function) that can reduce a size of an opening portion of the tubular film uniformly with a simple structure even when the width reduction operation is performed repeatedly.

There is provided a film sealing mechanism provided with an elongated heater and a heater receiver configured to abut against the heater, the heater and heater receiver being disposed opposite, in a direction perpendicular to a position of the feed means, to a tubular film in which content is accommodated and which is fed downward from a film passage port by a feed means such as a feed roller with its both left and right end portions in a width direction supported, so as to be capable of holding outer surfaces of the film therebetween. The film sealing mechanism includes: a fixed bracket including the heater and two parallel extending film guides vertically sandwiching the heater; and a moving bracket disposed opposite to the fixed bracket and including the heater and film guides formed in a front surface of the heater receiver or parallel extending film guides disposed so as to vertically sandwich the heater receiver. The film guides of the fixed bracket each include first wing-like parts having a shape in which outer edges obliquely abutting against substantially both left and right side surfaces of the tubular film as viewed from above are opened toward the moving bracket. The film guides of the

moving bracket each include second wing-like parts having a shape in which outer edges obliquely abutting against substantially both left and right side surfaces of the tubular film as viewed from above are opened toward the fixed bracket.