

APPARATUS AND METHOD OF MANUFACTURING ABSORBENT ARTICLE

ABSTRACT

5

A continuous sheet and a work are appropriately bonded together. An apparatus that manufactures an absorbent article includes a rotating member that rotates in a state where the rotating member is opposing one face of a continuous sheet that is moving, the rotating member having an arcuate retaining surface that retains a work, the rotating member causing the work to be moved to a position where the work is nipped between the one face and the arcuate retaining surface by rotating in a state where the work is retained on the arcuate retaining surface; and a pressing member that bonds the continuous sheet and the work together by coming into contact with another face of the continuous sheet when the work reaches the position and pressing the continuous sheet towards the arcuate retaining surface, and characterized in that the pressing member is a roller that is freely rotatable about a central axis, a central axis direction of the roller intersects with a central axis direction of a center of circle of the arcuate retaining surface when the roller comes into contact with the other face, and a line of intersection of an outer surface of the roller and a virtual plane containing the central axis of the roller is an arcuate curved line, a diameter of the roller at a central section in the central axis direction of the roller being smaller than a diameter of the roller at an end section of the central axis of the roller.

10

15

20

25

Figures 5 & 7.