Claim

1. An automatic fried bun equipment, comprising

a frying pan (1) for frying bun, a rotating device,

a heating device (2), and

a control circuit for controlling the rotation speed of the rotating device and the heating power of the heating device (2),

the frying pan (1) is placed on the rotating device, the heating device (2) is arranged below the frying pan (1), the rotating device drives the frying pan (1) to rotate relative to the heating device (2);

the control circuit includes a timing module, a power adjustment module and a rotational speed adjustment module;

the output of the power adjustment module is connected to the heating device (2), and the output of the rotational speed adjustment module is connected to the rotating device;

the rotating device includes a turning plate (3) and a driving device for driving the turning plate (3); the turning plate (3) is provided with a hollow in the middle, and the bottom of the frying pan (1) is embedded in the said hollow, and the marginal of the frying pan (1) is put on the turning plate (3);

the driving device includes a motor (4); the output shaft of the motor (4) is connected to a driving gear (5); the turning plate (3) is fixed with a driven gear (6) which connects to the driving gear (5); the motor (4) drives the driving gear (5) and then the driven gear (6) drives the turning

plate (3) and the frying pan (1) to rotate relative to the heating device (2); the turning plate(3) is installed on the plain bearing (7), and the driven gear (6) is arranged on the inner or outer ring of the plain bearing (7);

wherein the frying pan (1) is also covered with a lid (8); the lid (8) is made of wood and a through hole is provided in the middle of the lid (8), a transparent observation window (9) is provided at the through hole for observing frying progress; and

wherein the through hole is provided with a slot for mounting the observation window (9), and a fixing ring is set at the through hole to lock the observation window (9) in the slot.

2. The equipment of claim 1, wherein the heating device (2) is an electromagnetic induction heating device (2), and at least the frying pan (1) is provided with a magnetically conductive material for being heated by electromagnetic induction.
3. The equipment of claim 1, wherein the frying pan (1) is also provided with a rack (10) for placing fried buns, and the rack (10) is evenly provided with a grid (11) for arranging the fried buns on the frying pan (1).
4. The equipment of claim 1, wherein the control circuit is provided with a wireless communication circuit, and a wireless terminal is connected to the control circuit by the wireless communication circuit to remotely control the power adjustment module and the rotation speed adjustment module.

5. A method for making pan-fried buns using the automatic fried bun equipment of claim 3, wherein put the wrapped buns into the frying pan (1) and keep the distance between the buns, add cooking oil and water to the frying pan (1), cover the lid (8), and set the timing module of the control circuit;

   the power adjustment module starts the heating device (2) and increases the heating power to heat the frying pan (1); the timing module begins the first phase of timing; when the first phase of timing is completed, the buns are cooked, and then the power adjustment module lowers the power of the heating device (2) and continues to fry, and the timing module performs the second stage of timing;

   when the second stage of timing is completed, the bottom surface of the buns is fried as golden and crispy, and the buns are well done to take out of the pan.

6. The method of claim 7, wherein the added amount of cooking oil is 350-450ml, and water is 150-200ml.

7. The method of claim 7, wherein includes an insulation control step:

   setting the power adjustment module to the set power, starting the heating device (2) to heat for 20 seconds; then turning off the heating device (2) and maintaining for 30 seconds, repeating the above steps.