WHAT IS CLAIMED IS:

1. A control method, applicable to a cooking appliance comprising a cooking portion and an air exchange assembly, the cooking portion being configured to accommodate materials to be cooked, wherein the control method comprises:

adjusting, according to a temperature in a working condition of the cooking portion, a working parameter of the air exchange assembly, wherein the air exchange assembly is configured to exchange gas inside the cooking portion with gas outside the cooking portion,

reducing a ventilation volume of the air exchange assembly, and executing a heating and braising process if it is detected that the temperature in a working condition is higher than a preset temperature threshold value, wherein the preset temperature threshold value is greater than or equal to a maximum value of the preset temperature range.

2. The control method according to claim 1, wherein the step of adjusting, according to a temperature in a working condition of the cooking portion, a working parameter of the air exchange assembly comprises:

detecting a temperature in a working condition of the cooking portion; and

controlling the air exchange assembly to operate according to a preset working parameter if it is detected that the temperature in a working condition falls within a preset temperature range.

3. The control method according to claim 2, wherein the air exchange assembly comprises an exhaust valve provided on the cooking portion and configured to communicate an interior of the cooking portion with an exterior of the cooking portion, the step of adjusting a working parameter of the air exchange assembly if it is detected that the temperature in a working condition falls within a preset temperature range comprises:

controlling, if it is detected that the temperature in a working condition falls within the preset temperature range, the exhaust valve to open according to a preset ventilation time period to exchange gas outside the cooking portion with gas inside the cooking portion.

4. The control method according to claim 2, wherein the air exchange assembly comprises an air pump, an air passage to which the air pump belongs can communicates the interior of the cooking portion with the atmospheric environment,

the step of adjusting the working parameter of the air exchange assembly if it is detected that the temperature in a working condition falls within a preset temperature range, further comprises:

opening the air passage to which the air pump belongs, and controlling the air pump to perform inflation processing on the cooking portion if it is detected that the temperature in a working condition falls within the preset temperature range, to cause the interior of the cooking portion to rise pressure; and

opening an exhaust passage of the cooking appliance,

wherein the exhaust passage is configured to discharge gas inside the cooking portion.

5. The control method according to claim 2, wherein the air exchange assembly comprises an air pump, an air passage to which the air pump belongs can communicates the interior of the cooking portion with the atmospheric environment,

the step of adjusting the working parameter of the air exchange assembly if it is detected that the temperature in a working condition falls within a preset temperature range, further comprises:

opening an intake passage of the cooking appliance; and

opening the air passage to which the air pump belongs, and controlling the air pump to perform an air suction processing so that the interior of the cooking portion is in a negative pressure state,

wherein the intake passage is configured to allow gas outside the cooking portion into the cooking portion.

6. The control method according to any one of claims 1 to 5, wherein the cooking appliance further comprises a heating apparatus configured to heat the cooking portion,

the step of reducing a ventilation volume of the air exchange assembly, and executing a heating and braising process if it is detected that the temperature in a working condition is higher than a preset temperature threshold value comprises:

reducing the ventilation volume of the air exchange assembly if it is detected that the temperature in a working condition reaches the temperature threshold value; and

adjusting a heating power of the heating apparatus so that the cooking portion is in a boiling state within a first time period.

7. The control method according to claim 6, wherein the step of reducing a ventilation volume of the air exchange assembly, and executing a heating and braising process if it is detected that the temperature in a working condition is higher than a preset temperature threshold value, further comprises:

adjusting a heating power of the heating apparatus to a first power to heat the cooking portion to a first temperature, wherein the first temperature is greater than the temperature threshold value.

8. The control method according to claim 7, wherein the step of reducing a ventilation volume of the air exchange assembly, and executing a heating and braising process if it is detected that the temperature in a working condition is higher than a preset temperature threshold value, further comprises:

adjusting a heating power of the heating apparatus to a second power, and timing a duration time period of the second power to reach a second time period.

9. The control method according to claim 8, further comprises:

after a timing reaches the second time period, executing a supplementary cooking processing on the cooking portion according to a third time period,

wherein the supplementary cooking processing is configured to supplement heat energy to the interior of the cooking portion.

10. The control method according to any one of claims 1 to 5, wherein the cooking appliance further comprises an image acquisition apparatus configured to acquire an image of material inside the cooking portion, prior to the step of adjusting, according to a temperature in a working condition of the cooking portion, a working parameter of the air exchange assembly, further comprises:

controlling the image acquisition apparatus to acquire image information of the material; and

determining from the image information that the material is a stale material.

11. A control apparatus, comprising:

a memory;

a processor; and

a program stored on the memory and executable on the processor, which when executed by the processor implements the steps of the control method according to any one of claims 1 to 11.

12. A cooking appliance, comprising:

the control apparatus as claimed in claim 11.

13. The cooking appliance according to claim 12, wherein

the cooking appliance is an electric cooker or a pressure cooker.

14. A computer readable storage medium, having stored thereon a computer program, wherein

the computer program, when executed, implements the steps of the control method according to any one of claims 1 to 10.

15. A control method, applicable to a cooking appliance comprising a cooking portion, an air exchange assembly, and an image acquisition apparatus, the cooking portion being configured to accommodate materials to be cooked, the image acquisition apparatus being configured to acquire an image of material inside the cooking portion, wherein the control method comprising:

controlling the image acquisition apparatus to acquire image information of the material;

determining an attribute information of the material according to the image information;

controlling the air exchange assembly to work according to a first time period so that the cooking portion exchanges gas; and

adjusting a power to heat the cooking portion, so that the temperature of the cooking portion subjected to the gas exchange is within a first temperature range.

16. The control method according to claim 15, wherein the air exchange assembly comprises an exhaust valve provided on the cooking portion and configured to communicate an interior of the cooking portion with an exterior of the cooking portion, the gas exchange comprises:

controlling the exhaust valve to open so that exterior gas of the cooking portion is exchanged with interior gas of the cooking portion.

17. The control method according to claim 15, wherein the gas exchange further comprises:

controlling the air exchange assembly to perform inflation processing on the cooking portion to rise pressure in the interior of the cooking portion; and

opening an exhaust passage of the cooking appliance,

wherein the exhaust passage is configured to discharge gas inside the cooking portion.

18. The control method according to claim 15, wherein the gas exchange further comprises:

opening an intake passage of the cooking appliance; and

controlling the air exchange assembly to perform an air suction process so that the interior of the cooking portion is in a negative pressure state,

wherein the intake passage is configured to allow gas outside the cooking portion into the cooking portion.

19. The control method according to any one of claims 15 to 18, further comprises:

acquiring the attribute information of the material; and

determining the first time period and/or the first temperature range according to the attribute information of the material.

20. The control method according to any one of claims 15 to 18, wherein the cooking appliance further comprises a controller configured to send an instruction signal, prior to the step of controlling the air exchange assembly to work according to a first time period so that the cooking portion exchanges gas, further comprises:

determining that the material is a stale material in response to the instruction signal sent after the controller is triggered.

21. The control method according to claim 20, wherein

the attribute information of the material comprises any one or a combination of at least two of the following:

composition components of the material, content of the composition components of the material, a shape of the material and a surface area of the material.

22. A control apparatus, comprising:

a memory;

a processor; and

a program stored on the memory and executable on the processor, which when executed by the processor, implements the steps of the control method according to any one of claims 15 to 21.

23. A cooking appliance, comprising:

the control apparatus as claimed in claim 22.

24. The cooking appliance according to claim 23, wherein

the cooking appliance is an electric cooker or a pressure cooker.

25. A computer readable storage medium, having stored thereon a computer program, which when executed, implements the steps of the control method according to any one of claims 15 to 21.