Claims

1. A non-contact heat not burn heating device, comprising a ceramic heating element, a smoking product bearing assembly and a sealing sleeve, wherein the sealing sleeve is arranged in the hollow mode to sleeve the ceramic heating element and the smoking product bearing assembly inside, and the ceramic heating element and the smoking product bearing assembly are mutually separated, wherein,

the ceramic heating element comprises a heating body and a heating circuit, the heating body is cylindrical and internally provided with a porous channel, and the heating circuit is arranged on the heating body to heat air passing through the porous channel;

the smoking product bearing assembly comprises a ceramic tube and a blocking piece, wherein a cavity defined by the ceramic tube is suitable for placing a smoking product, and the blocking piece is connected to the ceramic tube and adjacent to the ceramic heating element to limit the position of the smoking product; and

wherein the blocking piece forms a step surface extending along the wall of the ceramic tube to the center.

2. The non-contact heat not burn heating device according to claim 1, wherein the heating body is a cylinder, and the porous channel is arranged in the heating body in the axial direction.

3. The non-contact heat not burn heating device according to claim 1, wherein through holes of the porous channel are round holes or polygonal holes.

4. The non-contact heat not burn heating device according to claim 1, wherein the through holes of the porous channel are regularly distributed in the heating body.

5. The non-contact heat not burn heating device according to claim 1, wherein the heating circuit is printed on the outer surface of the heating body in the thick film circuit mode.

6. The non-contact heat not burn heating device according to any one of claims 1 to 5, wherein the blocking piece is a flow deflector located on an opening at one end of the ceramic tube and forming a cup body with the ceramic tube, and the flow deflector is provided with a plurality of deflector holes.

7. The non-contact heat not burn heating device according to claim 6, wherein the plurality of deflector holes are evenly distributed in the peripheral direction.

8. The non-contact heat not burn heating device according to claim 1, wherein the heating body and the ceramic tube are both made of aluminum oxide ceramics, aluminum nitride ceramics, silicon nitride ceramics, silicon carbide ceramics, beryllium oxide ceramics or zirconium oxide ceramics.

9. The non-contact heat not burn heating device according to claim 8, wherein the aluminum oxide content in the aluminum oxide ceramics is greater than 99%, and the density of the aluminum oxide ceramics is not less than 3.86g/cm^3.