

ABSTRACT

The present invention provides an atomizing core which includes a heating unit, and a liquid transfer unit made of a porous material and configured for absorbing and transferring liquid. The liquid transfer unit includes an air guide part, and a base connected to and surrounding the air guide part. A gap between the air guide part and the base forms an air flow chamber. The liquid transfer unit is provided with an air inlet communicated with the air flow chamber, an air outlet communicated with the air flow chamber, and a liquid inlet part for contacting with the liquid. The heating unit includes a heating part which generates heat when energized, and electrical connection parts for transmitting currents to the heating part. The heating part is disposed on an inner wall of the air flow chamber and in contact with the liquid transfer unit. Due to the fact that the air flow chamber of the atomizing core is disposed in the liquid transfer unit made of a porous material and the heating part of the heating unit are disposed in the air flow chamber, the volume, flow rate and path of the air flow are determined mainly by the structure of the liquid transfer unit and not affected by other parts and the assembly relation of parts, so the consistency of the atomization effect is guaranteed.

<Figure 1>