

ABSTRACT

The present invention provides an atomization device including a shell, an atomizing core, and electrodes. The atomizing core includes a heating unit and a liquid transfer unit. The liquid transfer unit includes an air guide part and a base. An air flow chamber is formed between the air guide part and the base. A heating part is disposed on an inner wall of the air flow chamber and is in contact with the liquid transfer unit. A liquid storage cavity leads to a liquid inlet part of the liquid transfer unit, an air inlet passage is communicated with an air inlet, and an air outlet passage is communicated with an air outlet, such that when the liquid inlet part of the liquid transfer unit contacts liquid, the liquid is transferred by the liquid transfer unit onto the heating parts to be heated to generate smoke, and an external air flow sequentially passes through the air inlet passage, the air inlet, the air flow chamber, the air outlet and the air outlet passage to take the smoke out of the atomization device. Due to the fact that the air flow chamber of the atomizing core of the atomization device is disposed in the liquid transfer unit made of a porous material and the heating part of the heating unit is 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 without being affected by other parts and the assembly relation of the atomization device, thereby facilitating ensuring good and uniform atomization effect of the atomization device.

<Figure 3>