ABSTRACT

An atomization core comprises a tubular mounting bracket, and a heating atomization assembly is arranged in the mounting bracket; a longitudinal liquid inlet is formed in the mounting bracket, and air guide hole is formed above the liquid inlet; the heating atomization assembly comprises columnar liquid transfer cotton and a heating element, an axial through-hole of the liquid transfer cotton forms an air guide passage, an outer circumferential surface of the liquid transfer cotton forms a liquid absorption surface, an inner circumferential surface of the liquid transfer cotton forms an atomization surface, and the heating element is inlaid in or attached to the atomization surface. The liquid transfer cotton are effectively prevented from being occupied by air, and the liquid transfer cotton can transfer liquid more sufficiently and uniformly, thus improving the taste of liquid atomized and prolonging the service life of the atomization device using liquid storage cotton.~~An atomization core (34) and a liquid storage cotton (35)-based atomization device. The atomization core (34) comprises a tubular mounting bracket (341), and a heating atomization assembly (3) is provided in the mounting bracket (341); longitudinal liquid inlet holes (3411) are provided on the mounting bracket (341), and air guide holes (3412) are provided above the liquid inlet holes (3411); the heating atomization assembly (3) comprises a columnar liquid guide cotton (3421) and a heating element (3422), an axial through hole of the liquid guide cotton (3421) forms an air guide channel, the circumferential outer side surface of the liquid guide cotton (3421) forms a liquid absorption surface and the circumferential inner side surface forms an atomization surface, and the heating element (3422) is embedded or attached to the atomization surface; the liquid guide cotton (3421) blocks the liquid inlet holes (3411), and all or part of the air guide holes (3412) is exposed. The air guide holes (3412) are provided on the mounting bracket (341) of the atomization core (34), and the outside air can enter a liquid storage cavity or the liquid storage cotton (35) by means of the air guide holes (3412), such that gas can be effectively prevented from occupying a porous gap of the liquid guide cotton (3421), and liquid in the liquid guide cotton (3421) is more fully and uniformly guided, thereby improving the taste and the service life of the liquid storage cotton (35)-based atomization device.~~

<Figure 8>