Abstract

The present invention relates to an electronic atomization cigarette which only contains nicotine without harmful tar. The electronic atomization cigarette includes a shell and a mouthpiece. The external wall of the shell has an air inlet. An electronic circuit board, a normal pressure cavity, a sensor, a vapor-liquid separator, an atomizer, a liquid-supplying bottle are sequentially provided within the shell, wherein the electronic circuit board comprises an electronic switching circuit and a high frequency generator. A stream passage of the sensor is provided on one side of the sensor, and a negative pressure cavity is provided in the sensor. The atomizer and the liquid-supplying bottle is in contact with each other. An atomization cavity is arranged in the atomizer. A retaining ring for locking the liquid-supplying bottle is provided between one side of the liquid-supplying bottle and the shell, and an aerosol passage is provided on the other side of the liquid-supplying bottle. The air inlet, normal pressure cavity, vapor-liquid separator, atomizer, aerosol passage, gas vent and mouthpiece are sequentially interconnected. The advantages of the present invention include smoking without tar, significantly reducing the cancerogenic risk. Furthermore, users still feel as if they are smoking and experiencing the same excitement, and the cigarette is no need to be lit and is no fire risk.