

Title (en)

CIGARETTE HEATING VAPING SET AIR PASSAGE STRUCTURE AND CIGARETTE HEATING VAPING SET

Title (de)

LUFTKANALSTRUKTUR FÜR ZIGARETTENERWÄRMUNGSVERDAMPFUNGSSET UND ZIGARETTENERWÄRMUNGSVERDAMPFUNGSSET

Title (fr)

STRUCTURE DE PASSAGE D'AIR POUR ENSEMBLE DE VAPOTAGE À CHAUFFAGE DE CIGARETTE ET ENSEMBLE DE VAPOTAGE À CHAUFFAGE DE CIGARETTE

Publication

EP 4056058 A1 20220914 (EN)

Application

EP 20885471 A 20200819

Priority

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Abstract (en)

The Invention relates to the field of heated cigarette, particularly to a cigarette heating vaping set air passage structure and a cigarette heating vaping. The Invention provides a cigarette heating vaping set air passage structure capable of uniformly preheating air and effectively reducing the temperature of an outer wall, comprising an inner sleeve pipe and the outer wall; a smoke generation chamber is provided in the inner sleeve pipe, the inner sleeve pipe is nested in the outer wall, an air inlet passage is provided between the inner sleeve pipe and the outer wall, the air inlet of the air inlet passage is located at the side close to the suction end of the smoke generation chamber, the air outlet of the air passage is connected to the air inlet end of the smoke generation chamber, and a turbulence generator is provided in the air inlet passage. A counter-rotating cooling structure is used to generate swirling flows by forming dual-rotation air flows, enhancing the cooling effect of the heater walls, and pre-heated air flows having a more uniformly distributed temperature field are formed, such that the temperature of the smoke being inhaled during suction is suitable, and the utilization rate of the heat source is improved to the maximum extent.

IPC 8 full level

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