

Title (en)  
ATOMIZATION APPARATUS FOR ELECTRONIC CIGARETTE AND ELECTRONIC CIGARETTE HAVING ATOMIZATION APPARATUS

Title (de)  
ZERSTÄUBUNGSVORRICHTUNG FÜR ELEKTRONISCHE ZIGARETTE UND ELEKTRONISCHE ZIGARETTE MIT ZERSTÄUBUNGSVORRICHTUNG

Title (fr)  
APPAREIL D'ATOMISATION POUR CIGARETTE ÉLECTRONIQUE ET CIGARETTE ÉLECTRONIQUE AYANT UN APPAREIL D'ATOMISATION

Publication  
**EP 4295717 A1 20231227 (EN)**

Application  
**EP 23762675 A 20230110**

Priority  

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- CN 2023071581 W 20230110

Abstract (en)  
A vaporization apparatus (100) applied to an e-cigarette and an e-cigarette having the same are disclosed. The vaporization apparatus (100) includes a shell (1) and a vaporization core (3). The shell (1) includes a liquid storage bin (11), an air passage (12), and a vaporization bin (13) inside and the vaporization bin is in communication with the air passage (12). The shell (1) is provided with an air inlet in communication with the vaporization bin (13) and an inhalation inlet (141) in communication with the air passage (12). The vaporization bin (13) is in communication with the air passage (12) through a vaporization bin exit (2). The air passage (12) is in communication with the inhalation inlet (141) through an inhalation channel (145). A ratio of an absolute value of a difference between cross-sectional areas of at least two of the vaporization bin exit (2), the air passage (12), the inhalation channel (145), and the inhalation inlet (141) to a cross-sectional area of any one of the vaporization bin exit (2), the air passage (12), the inhalation channel (145), and the inhalation inlet (141) is less than or equal to 20%. The vaporization core (3) is arranged in the shell and is in communication with the liquid storage bin (11) and the vaporization bin (13).

IPC 8 full level  
**A24F 47/00** (2020.01)

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See references of WO 2023165274A1

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