

Title (en)  
ELECTRONIC ATOMIZATION DEVICE, AND ATOMIZER AND ATOMIZATION CORE THEREOF

Title (de)  
ELEKTRONISCHE ZERSTÄUBUNGSVORRICHTUNG UND ZERSTÄUBER UND ZERSTÄUBUNGSKERN DAVON

Title (fr)  
DISPOSITIF D'ATOMISATION ÉLECTRONIQUE, ET ATOMISEUR ET NOYAU D'ATOMISATION ASSOCIÉS

Publication  
**EP 4272587 A1 20231108 (EN)**

Application  
**EP 20967888 A 20201231**

Priority  
CN 2020142461 W 20201231

Abstract (en)  
An electronic atomization device (40), and an atomizer (30) and an atomization core (20) thereof. The atomization core (20) comprises an e-liquid absorbing body (200) and a heating member (100) fixedly provided on the e-liquid absorbing body (200); the e-liquid absorbing body (200) has a bottom wall (210) and a side wall connected to one side of the bottom wall (210), and the bottom wall (210) has an atomization surface (20) facing away the side wall; the heating member (100) comprises heat generation members (110) and electrode portions (120) connected to the heat generation members (110); the heat generation members (110) comprise heat generation portions and first embedding portions (1101), wherein the heat generation portions and the electrode portions (120) are provided on the bottom wall (210) and are exposed to the atomization surface (201), and the first embedding portions (1101) are embedded in the bottom wall (210) and correspond to the side wall. By providing the first embedding portions (1101) of the heat generation members (110) to correspond to the side wall of the e-liquid absorbing body (200), the atomization e-liquid on the side close to the side wall of the e-liquid absorbing body (200) can be preheated.

IPC 8 full level  
**A24F 40/46** (2020.01); **A24F 40/10** (2020.01); **A24F 40/40** (2020.01); **A24F 40/42** (2020.01)

CPC (source: EP US)  
**A24F 40/10** (2020.01 - US); **A24F 40/42** (2020.01 - EP); **A24F 40/44** (2020.01 - EP); **A24F 40/46** (2020.01 - EP US); **A24F 40/10** (2020.01 - EP)

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

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DOCDB simple family (publication)  
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**EP 20967888 A 20201231**; CN 2020142461 W 20201231; JP 2023536485 A 20201231; US 202318344052 A 20230629