

Title (en)  
FILTER AND ATOMIZATION DEVICE

Title (de)  
FILTER UND ZERSTÄUBUNGSVORRICHTUNG

Title (fr)  
FILTRE ET DISPOSITIF D'ATOMISATION

Publication  
**EP 4295709 A1 20231227 (EN)**

Application  
**EP 21931320 A 20211209**

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Abstract (en)  
Disclosed are a filter nozzle (100) and an atomization device. The filter nozzle (100) includes a casing (1). A passage (11) is formed at the casing (1), the polylactic acid cotton element (4) is capable of adsorbing and capturing impurities from the gaseous substances output from the atomizer, and the support element (3) can support the casing (1). The support element (3) is provided with a gas passage (31), which reduces the resistance of smoke transmission. By setting the support element (3), the length of the polylactic acid cotton element (4) in the passage (11) can further be reduced, thereby reducing the suction resistance of the filter nozzle (100). The first functional substance (2) and the second functional substance (5) are substances with medicinal effects or fragrances. By filling the first functional substance (2) and/or the second functional substance (5), the effect (such as fragrance and/or medicinal effect) of the gaseous substance output by the filter nozzle (100) can be improved. The first filling section is filled with two of the first functional substance (2), the support element (3) and the polylactic acid cotton element (4) along the length direction of the casing (1), and the second filling section is filled with one of the second functional substance (5), the support element (3) and the polylactic acid cotton element (4).

IPC 8 full level  
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