

Title (en)

LIQUID INJECTION STRUCTURE, ATOMIZER AND AEROSOL GENERATION DEVICE THEREOF

Title (de)

FLÜSSIGKEITSEINSPRITZSTRUKTUR, ZERSTÄUBER UND AEROSOLERZEUGUNGSVORRICHTUNG DAFÜR

Title (fr)

STRUCTURE D'INJECTION DE LIQUIDE, ATOMISEUR ET DISPOSITIF DE GÉNÉRATION D'AÉROSOL ASSOCIÉ

Publication

EP 4091466 A4 20240207 (EN)

Application

EP 21741957 A 20210115

Priority

- CN 202020113367 U 20200117
- CN 2021072202 W 20210115

Abstract (en)

[origin: EP4091466A1] A liquid injection structure, comprising a sleeve (31), an elastic member (34), a positioning member (32) provided in the sleeve (31), and a liquid injection pipe (33) slidably provided between the sleeve (31) and the positioning member (32); one end of the elastic member (34) abuts against the sleeve (31), the other end of the elastic member (34) abuts against the liquid injection pipe (33), the sleeve (31) is provided with a first liquid injection opening (312), and the liquid injection pipe (33) is provided with a second liquid injection opening (336); and when the liquid injection pipe (33) abuts against the positioning member (32), the first liquid injection opening (312) is not in communication with the second liquid injection opening (336); and when the liquid injection pipe (33) slides relative to the positioning member (32), the first liquid injection opening (312) is in communication with the second liquid injection opening (336). The positioning member (32) is provided in the sleeve (31) and the liquid injection pipe (33) is slidably provided between the sleeve (31) and the positioning member (32), and by sliding the liquid injection pipe (33) in the sleeve (31) relative to the positioning member (32), a liquid injection operation can be performed, allowing a simple operation and facilitating liquid injection.

IPC 8 full level

A24F 40/48 (2020.01); **A24F 40/10** (2020.01)

CPC (source: EP)

A24F 40/48 (2020.01); **A24F 40/10** (2020.01); **A24F 40/49** (2020.01)

Citation (search report)

No further relevant documents disclosed

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