

Title (en)  
CAPSULE SEALS

Title (de)  
KAPSELDICHTUNGEN

Title (fr)  
JOINTS D'ÉTANCHÉITÉ DE CAPSULE

Publication  
**EP 4110107 A1 20230104 (EN)**

Application  
**EP 21709904 A 20210225**

Priority  
• CN 2020077281 W 20200228  
• EP 2021054770 W 20210225

Abstract (en)  
[origin: WO2021170769A1] A capsule for an electronic cigarette is provided. In an embodiment, the capsule has a first end configured to engage with an electronic cigarette device and a second end arranged as a mouthpiece portion having a vapour outlet, the capsule further comprises: a liquid store configured to contain a liquid to be vaporized; a vaporizing housing arranged to house a heating element and a fluid transfer element, where the fluid transfer element is arranged to deliver liquid from the liquid store to the heating element, the heating element being configured to vaporize the received liquid and generate a vapor; a main vapor flow channel extending between the vaporizing housing and the mouthpiece to allow the generated vapor to flow from the vaporizing housing to the mouthpiece; a first seal comprising a first pair of shoulder portions; and a second seal comprising a second pair of shoulder portions; where the first and second pair of shoulder portions are configured to cooperate with each other such that the fluid transfer element is held between the first and second pair of shoulder portions; and where the fluid transfer element is arranged to be compressed between the first and second pair of shoulder portions.

IPC 8 full level  
**A24F 40/10** (2020.01); **A24F 40/42** (2020.01); **A24F 40/44** (2020.01); **A24F 40/485** (2020.01)

CPC (source: EP)  
**A24F 40/40** (2020.01); **A24F 40/10** (2020.01); **A24F 40/44** (2020.01)

Citation (search report)  
See references of WO 2021170769A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2021170769 A1 20210902**; CN 115190766 A 20221014; EP 4110107 A1 20230104

DOCDB simple family (application)  
**EP 2021054770 W 20210225**; CN 202180017172 A 20210225; EP 21709904 A 20210225