

Title (en)  
NON-COMBUSTION VAPORIZER DEVICE

Title (de)  
VERBRENNUNGSFREIE VERDAMPFERVORRICHTUNG

Title (fr)  
DISPOSITIF VAPORISATEUR SANS COMBUSTION

Publication  
**EP 3804545 A4 20220119 (EN)**

Application  
**EP 18921698 A 20180604**

Priority  
CN 2018089736 W 20180604

Abstract (en)  
[origin: EP3804545A1] A non-combustion smoking device comprising: a body forming a heating cavity; a heater for heating an aerosol-forming substrate of a smoke product; and an extractor which receives the aerosol-forming substrate of the smoke product, is provided in the heating cavity of the body, and comprises a first end and a second end opposite to the first end, wherein an air inlet channel in the form of a groove is provided on an inner peripheral wall of the extractor, and the air inlet channel extends from the second end of the extractor to the first end of the extractor, during usage, the air inlet channel in the form of a groove is provided between the inner peripheral wall of the extractor and the outer peripheral surface of the smoke product. The air inlet channel not only improves the thermal efficiency of the non-combustion smoking device, but makes it easy to be cleaned.

IPC 8 full level  
**A24F 47/00** (2020.01); **A24F 40/20** (2020.01); **A24F 40/40** (2020.01); **A24F 40/85** (2020.01)

CPC (source: EP)  
**A24F 40/85** (2020.01); **A24F 40/20** (2020.01); **A24F 40/40** (2020.01)

Citation (search report)  
• [A] EP 3253234 A1 20171213 - PHILIP MORRIS PRODUCTS SA [CH]  
• [A] EP 2782463 A2 20141001 - PHILIP MORRIS PRODUCTS SA [CH]  
• [A] WO 2013098409 A1 20130704 - PHILIP MORRIS PROD [CH]  
• [A] WO 2017186455 A1 20171102 - PHILIP MORRIS PRODUCTS SA [CH]  
• [A] US 5591368 A 19970107 - FLEISCHHAUER GRIER S [US], et al  
• [A] US 4461308 A 19840724 - LE COVER MAURICE [US]  
• See also references of WO 2019232666A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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