

Title (en)  
SMOKING SUBSTITUTE APPARATUS

Title (de)  
RAUCHERSATZVORRICHTUNG

Title (fr)  
APPAREIL DE SUBSTITUTION DU TABAC

Publication  
**EP 3895554 A1 20211020 (EN)**

Application  
**EP 20170111 A 20200417**

Priority  
EP 20170111 A 20200417

Abstract (en)  
A smoking substitute apparatus comprises: an air inlet; an outlet; an aerosol generator for generating an aerosol from an aerosol precursor for inhalation by a user, the aerosol generator comprising a heating element; an air flow path between the air inlet and the outlet for conveying the aerosol to the user. An upstream portion of the air flow path is disposed between the air inlet and the aerosol generator. The upstream portion is defined at least in part by an inner wall of the apparatus, the inner wall being formed from plastics material by moulding. Electrical connectors are provided for electrically connecting the heating element to a power source. The electrical connectors are at least partially moulded into, and extend along, the inner wall of the upstream portion of the air flow path, thereby increasing the available cross sectional area for air flow and reducing the flow velocity in the upstream portion.

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

CPC (source: EP)  
**A24F 40/40** (2020.01); **A24F 40/485** (2020.01); **A24F 40/10** (2020.01)

Citation (search report)  
• [XAI] WO 2019030361 A1 20190214 - PHILIP MORRIS PRODUCTS SA [CH]  
• [XAI] WO 2016122417 A1 20160804 - PEVEC TOMAŽ [SI]  
• [XA] WO 2015042412 A1 20150326 - NICOTINE TECHNOLOGY INC E [US]  
• [A] WO 2020058468 A1 20200326 - NERUDIA LTD [GB]  
• [A] WO 2016150979 A1 20160929 - PHILIP MORRIS PRODUCTS SA [CH]

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

DOCDB simple family (publication)  
**EP 3895554 A1 20211020**

DOCDB simple family (application)  
**EP 20170111 A 20200417**