

Title (en)  
SMOKING SUBSTITUTE APPARATUS

Title (de)  
RAUCHERSATZVORRICHTUNG

Title (fr)  
APPAREIL DE SUBSTITUTION AU TABAGISME

Publication  
**EP 3930518 A1 20220105 (EN)**

Application  
**EP 20789856 A 20200921**

Priority  
• EP 19198722 A 20190920  
• EP 19198560 A 20190920  
• EP 2020076311 W 20200921

Abstract (en)  
[origin: WO2021053233A1] A smoking substitute apparatus is disclosed, having: an air inlet; an outlet; and a flow passage formed between the air inlet and the outlet. A vaporisation chamber is in communication with the flow passage, the vaporisation chamber having an aerosol generator configured to generate an aerosol from an aerosol precursor by heating. The aerosol generator comprises a vaporiser element loaded with aerosol precursor, the vaporiser element being heatable by a heater and presenting a vaporiser element surface to air in the vaporisation chamber. A vaporiser element region is defined as a volume extending outwardly from the vaporiser element surface to a distance of 1 mm from the vaporiser element surface. The air inlet, flow passage, outlet and the vaporisation chamber are configured so that, when the air flow rate inhaled by the user through the apparatus is 1.3 L min<sup>-1</sup>, the maximum magnitude of velocity of air in the vaporiser element region is in the range 0-2.0 ms<sup>-1</sup>.

IPC 8 full level  
**A24F 40/485** (2020.01)

CPC (source: EP US)  
**A24B 15/167** (2016.10 - US); **A24F 40/10** (2020.01 - US); **A24F 40/44** (2020.01 - US); **A24F 40/48** (2020.01 - US); **A24F 40/485** (2020.01 - EP); **A24F 40/10** (2020.01 - EP); **A24F 40/46** (2020.01 - EP)

Citation (search report)  
See references of WO 2021053233A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 2020076311 W 20200921**; EP 20789856 A 20200921; US 202217697072 A 20220317