

Title (en)  
ELECTRONIC CIGARETTE

Title (de)  
ELEKTRONISCHE ZIGARETTE

Title (fr)  
CIGARETTE ÉLECTRONIQUE

Publication  
**EP 3387928 A1 20181017 (EN)**

Application  
**EP 18165689 A 20180404**

Priority  
TW 106112083 A 20170411

Abstract (en)  
An electronic cigarette includes a power supply device (2), a sensing unit (puff sensor 3), an atomizer (4), a liquid storage structure (5), a fluid transportation device (pump 6), a casing (1) and a mouthpiece (9). The atomizer (4) includes an electric heater (41) and a liquid receiving part (wick 42). The electric heater (41) surrounds the liquid receiving part (42). The liquid storage structure (5) includes a passageway (51) for allowing an airflow to go through and a liquid container (52). The electric heater (41) is disposed on a first end of the passageway (51). A cigarette liquid is stored in the liquid container (52). The fluid transportation device (6) includes an input channel (6a) and an output channel (6b). The input channel (6a) is in communication with the liquid container (52). The output channel (6b) is in communication with the liquid receiving part (42). The cigarette liquid is transferred to the liquid receiving part (42) at a certain amount. Consequently, an atomized vapor is generated. The casing (1) has an entrance (1c). The mouthpiece (9) seals an end of the casing (1).

IPC 8 full level  
**A24F 40/485** (2020.01); **A24F 40/50** (2020.01); **A24F 40/60** (2020.01); **A24F 47/00** (2006.01); **A24F 40/10** (2020.01)

CPC (source: EP US)  
**A24F 40/485** (2020.01 - EP US); **A24F 40/50** (2020.01 - EP US); **A24F 40/60** (2020.01 - EP US); **A24F 40/10** (2020.01 - EP US)

Citation (search report)

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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)  
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DOCDB simple family (publication)  
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**EP 18165689 A 20180404**; TW 106112083 A 20170411; US 201815944070 A 20180403