

Title (en)

ELECTRIC HEATING DEVICE EASY FOR TAKING CIGARETTES OUT

Title (de)

ELEKTRISCHE HEIZVORRICHTUNG ZUM EINFACHEN HERAUSNEHMEN VON ZIGARETTEN

Title (fr)

DISPOSITIF DE CHAUFFAGE ÉLECTRIQUE PERMETTANT DE SORTIR FACILEMENT DES CIGARETTES

Publication

**EP 3632241 A1 20200408 (EN)**

Application

**EP 18809187 A 20180530**

Priority

- CN 201710402122 A 20170601
- CN 2018088912 W 20180530

Abstract (en)

The present invention provides an electric heating device easy for taking a cigarette out. The electric heating device comprises: a heating assembly and a cigarette taking-out assembly. The heating assembly comprises a heating cavity and a heating element located in the heating cavity; the heating cavity is used for accommodating a fuming product; the cigarette taking-out assembly comprises a sliding part and a push-and-pull part which is in linkage with the sliding part; the sliding part can be driven by the push-and-pull part to move in a direction away from the heating element along the axial direction of the heating cavity, so that the fuming product in the heating cavity can be moved out of the heating cavity. In the present invention, the sliding part is driven by means of the push-and-pull part to move, and then the fuming product is driven by using the movement of the sliding part to move out of the heating cavity. Compared with the prior art, the present invention achieves taking out tobacco after a low-temperature tobacco product is inserted and consumed, and is easy for cleaning residual tobacco in the heating cavity.

IPC 8 full level

**A24F 40/46** (2020.01); **A24F 40/20** (2020.01)

CPC (source: CN EP KR US)

**A24F 40/40** (2020.01 - EP KR US); **A24F 40/46** (2020.01 - CN KR); **A24F 40/20** (2020.01 - CN EP US)

Cited by

EP3955759A4; US12070062B2; US11641878B2

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 3632241 A1 20200408**; **EP 3632241 A4 20210310**; CN 107095344 A 20170829; JP 2020520659 A 20200716; KR 102402190 B1 20220525; KR 20200014373 A 20200210; PH 12019550256 A1 20210111; WO 2018219277 A1 20181206

DOCDB simple family (application)

**EP 18809187 A 20180530**; CN 201710402122 A 20170601; CN 2018088912 W 20180530; JP 2019564165 A 20180530; KR 20197038826 A 20180530; PH 12019550256 A 20191128