

Title (en)
LOW-OXYGEN HEATING-TYPE SMOKING SET

Title (de)
RAUCHSET MIT SAUERSTOFFARMER ERHITZUNG

Title (fr)
ENSEMBLE À FUMER DE TYPE À CHAUFFAGE PAUVRE EN OXYGÈNE

Publication
EP 4268626 A1 20231101 (EN)

Application
EP 20966545 A 20201225

Priority
CN 2020139288 W 20201225

Abstract (en)
A low-oxygen heating-type cigarette assembly, comprising a low-oxygen heating-type smoking set (B) and a low-oxygen heating-type cigarette (A). The low-oxygen heating-type smoking set (B) comprises a heating section (4) and a smoke extracting member (2) detachably arranged with the heating section (4), wherein the heating section (4) is provided with a cigarette receiving chamber (4-1), and the smoke extracting member (2) comprises a hollow smoke extracting cone (2-1) and a smoke transmission tube (2-2). The low-oxygen heating-type cigarette (A) comprises a tobacco section (1) and a filter mouthpiece section (3) detachably connected to each other; during inhalation, the tobacco section (1) and the filter mouthpiece section (3) of the low-oxygen heating-type cigarette (A) are detached, and are respectively assembled with the smoke extracting member (2) to form a segmented cigarette; the tobacco section (1) of the segmented cigarette is inserted into the cigarette receiving chamber (4-1) to start up a heating element for smoking. The split-type cigarette design significantly simplifies the structure of the cigarette, keeps the tobacco section (1) in a low-oxygen environment, increases the heating temperature, prevents tobacco residue from falling out, and keeps the smoking set clean.

IPC 8 full level
A24D 1/20 (2020.01); **A24D 3/17** (2020.01); **A24F 40/20** (2020.01); **A24F 40/40** (2020.01)

CPC (source: EP KR US)
A24D 1/20 (2020.01 - EP KR US); **A24D 3/17** (2020.01 - KR US); **A24F 40/20** (2020.01 - KR US); **A24F 40/40** (2020.01 - EP KR); **A24F 40/46** (2020.01 - KR); **A24F 40/48** (2020.01 - KR); **A24F 40/485** (2020.01 - US); **A24F 40/20** (2020.01 - EP); **A24F 40/46** (2020.01 - US)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4268626 A1 20231101; JP 2024506125 A 20240209; KR 20230128035 A 20230901; US 2024065332 A1 20240229; WO 2022133979 A1 20220630

DOCDB simple family (application)
EP 20966545 A 20201225; CN 2020139288 W 20201225; JP 2023538947 A 20201225; KR 20237024702 A 20201225; US 202018259261 A 20201225