

Title (en)

NOVEL CIGARETTE WITH REDUCED TOBACCO VAPOR TEMPERATURE AND IMPROVED TASTE

Title (de)

NEUARTIGE ZIGARETTE MIT VERMINDERTER TABAKDAMPFTEMPERATUR UND VERBESSERTEM GESCHMACK

Title (fr)

NOUVELLE CIGARETTE AYANT UNE TEMPÉRATURE DE VAPEUR DE TABAC RÉDUITE ET UN GOUT AMÉLIORÉ

Publication

**EP 3446574 A1 20190227 (EN)**

Application

**EP 17785443 A 20170420**

Priority

- CN 201610246284 A 20160420
- CN 2017081183 W 20170420

Abstract (en)

A cigarette with reduced tobacco vapor temperature and improved taste. The cigarette comprises: a tobacco section (1), a filter section, and a vapor flow section. An air inlet opening (3) communicating with the tobacco section (1) is provided on a part of the vapor flow section adjacent the tobacco section (1). An air outlet opening (6) communicating with the filter section is provided on a part of the vapor flow section adjacent to the filter section. A plurality of air flow obstruction members (5) are provided from top to bottom within the vapor flow section in an alternating arrangement to create a serpentine vapor flow path (4). One end of the vapor flow path (4) communicates with the air inlet opening (3), and another end of the vapor flow path is connected to the air outlet opening (6). A cigarette vapor enters the air inlet opening (3) and passes through the vapor flow path (4). The length of a vapor flow path of the vapor flow section is increased. The temperature of a hot vapor current is reduced by means of heat exchange with the air flow obstruction member (5) and an inner wall of the vapor flow section.

IPC 8 full level

**A24D 3/04** (2006.01); **A24D 1/04** (2006.01); **A24D 3/06** (2006.01)

CPC (source: CN EP KR RU US)

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Cited by

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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

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**EP 3446574 A1 20190227**; **EP 3446574 A4 20191218**; AU 2017253925 A1 20181108; AU 2017253925 B2 20190725; CA 3020077 A1 20171026; CA 3020077 C 20221025; CN 105768209 A 20160720; JP 2019513388 A 20190530; KR 20180125493 A 20181123; RU 2698740 C1 20190829; US 2019150504 A1 20190523; WO 2017181959 A1 20171026

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