

Title (en)
NICOTINE SUCTION PIPE AND NICOTINE HOLDER

Title (de)
NIKOTINSAUGROHR UND NIKOTINHALTER

Title (fr)
TUYAU D'ASPIRATION DE NICOTINE ET SUPPORT DE NICOTINE

Publication
EP 1609376 A1 20051228 (EN)

Application
EP 04724390 A 20040330

Priority

- JP 2004004528 W 20040330
- JP 2003097603 A 20030401
- JP 2003196457 A 20030714
- JP 2003335906 A 20030926
- JP 2004044225 A 20040220

Abstract (en)

A nicotine inhalation pipe includes a rodlike nicotine holder (1) and a mouthpiece (2) attached to one end of the holder (1). The holder (1) includes a transparent outer tube (3) having a plurality of openings (36) at both ends thereof, liquid absorbent granules (34) filled in the outer tube (3), and a nicotine inhalation path formed by gaps between the liquid absorbent granules (34) and gaps between the inner peripheral surface of the outer tube (3) and the liquid absorbent granules (34). The liquid absorbent granules (34), which are made of porous silica gel and in which a nicotine solution is absorbed, permit nicotine to be vaporized from the nicotine solution. <IMAGE>

IPC 1-7
A24F 47/00

IPC 8 full level
A24F 42/10 (2020.01); **A24F 42/20** (2020.01); **A24F 42/60** (2020.01)

CPC (source: EP US)
A24F 42/10 (2020.01 - EP US); **A24F 42/20** (2020.01 - EP US); **A24F 42/60** (2020.01 - EP US)

Citation (search report)
See references of WO 2004089126A1

Cited by

RU184342U1; CN110708970A; EP2835062A4; CN104602555A; RU2643968C2; EP4376546A3; US11318264B2; US10542777B2; US11839239B2; US11051551B2; WO2016065606A1; WO2014045025A3; WO2020089090A1; WO2009003204A3; US11241042B2; US11896055B2; US10881138B2; US10036574B2; US11672279B2; US12041968B2; US10470491B2; US11825870B2; WO2013026447A3; WO2013127538A1; US11064725B2; US11659863B2; US11924930B2; US11452313B2; US11623053B2; US12016393B2; US12070070B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1609376 A1 20051228; CA 2520759 A1 20041021; CA 2520759 C 20080930; JP WO2004089126 A1 20060706; US 2006191546 A1 20060831; WO 2004089126 A1 20041021

DOCDB simple family (application)
EP 04724390 A 20040330; CA 2520759 A 20040330; JP 2004004528 W 20040330; JP 2005505209 A 20040330; US 55164405 A 20050929