

Title (en)

METAL MICROPARTICLE GENERATION DEVICE AND HAIR CARE DEVICE PROVIDED THEREWITH

Title (de)

VORRICHTUNG ZUR ERZEUGUNG VON METALLMIKROPARTIKELN UND DAMIT AUSGESTATTETE HAARPFLEGEVORRICHTUNG

Title (fr)

GÉNÉRATEUR DE MICROPARTICULES DE MÉTAL, ET DISPOSITIF DE SOINS CAPILLAIRES POURVU DE CE GÉNÉRATEUR

Publication

EP 2436464 A1 20120404 (EN)

Application

EP 10780535 A 20100525

Priority

- JP 2010058804 W 20100525
- JP 2009125991 A 20090526

Abstract (en)

A metal microparticle generator (K) includes: a first electrode portion (1) to which a voltage is applied; a second electrode portion (2) that is connected to a ground, makes a pair with the first electrode portion (1), generates a discharge with the first electrode portion (1), and thereby serves for emitting metal from the first electrode portion (1), the metal being converted into microparticles; and an ion adsorption portion (3) for capturing a part of ions generated in a vicinity of the first electrode portion (1) by applying the voltage to the first electrode portion (1).

IPC 8 full level

B22F 9/14 (2006.01); **A45D 20/12** (2006.01)

CPC (source: EP)

A45D 20/12 (2013.01); **B22F 9/14** (2013.01); **A45D 2200/202** (2013.01); **B22F 2998/00** (2013.01)

Citation (search report)

See references of WO 2010137580A1

Cited by

EP2382891A4

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2436464 A1 20120404; CN 102325616 A 20120118; CN 102325616 B 20130327; JP 2010275566 A 20101209;
WO 2010137580 A1 20101202

DOCDB simple family (application)

EP 10780535 A 20100525; CN 201080008357 A 20100525; JP 2009125991 A 20090526; JP 2010058804 W 20100525