

Title (en)

BRUSH HAVING HEATER EMBEDDED THEREIN AND MANUFACTURING METHOD THEREFOR

Title (de)

BÜRSTE MIT DARIN EINGEBETTETEM HEIZER UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

BROSSE COMPORTANT UN ÉLÉMENT CHAUFFANT ENCASTRÉ, ET SON PROCÉDÉ DE FABRICATION

Publication

EP 3295826 A4 20181226 (EN)

Application

EP 16792925 A 20160509

Priority

- KR 20150064488 A 20150508
- KR 2016004792 W 20160509

Abstract (en)

[origin: EP3295826A1] The present invention relates to a brush having a heater embedded therein, and provides a brush having a heater embedded therein, capable of fixing hair through only the simple brushing of hair by heating the bristles of a brush, capable of preventing, in advance, an accident such as a burn caused by the heated bristles since a guard is formed in the edge part of the heated bristles, and having sterilizing and deodorizing functions using a platinum catalyst. To this end, according to the present invention, the brush having a heater embedded therein comprises: a body including a power input, an alarm and a cover; a guard including a guard comb having a plurality of round bars and a guard base for fixing the guard comb thereto; a heater; and a heat radiator having a plurality of heat radiating bristles for transferring the heat generated from the heater and a heat radiating base for fixing the heat radiating bristles thereto.

IPC 8 full level

A45D 1/18 (2006.01); **A45D 2/00** (2006.01); **A45D 20/48** (2006.01); **A46B 9/02** (2006.01); **A46B 11/08** (2006.01); **A46B 15/00** (2006.01); **A46D 1/00** (2006.01); **A46D 1/04** (2006.01); **A46D 3/00** (2006.01)

CPC (source: EP US)

A45D 20/48 (2013.01 - EP US); **A46B 9/023** (2013.01 - EP US); **A46B 11/08** (2013.01 - EP US); **A46B 15/003** (2013.01 - EP US); **A46B 15/0034** (2013.01 - EP US); **A46D 1/0207** (2013.01 - EP US); **A46D 1/04** (2013.01 - EP US); **A46D 3/00** (2013.01 - EP US)

Citation (search report)

- [X] WO 2015043489 A1 20150402 - ZHANG KEYONG [CN], et al
- [A] DE 4405763 A1 19950824 - BRAUN AG [DE]
- See references of WO 2016182279A1

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

DOCDB simple family (publication)

EP 3295826 A1 20180321; **EP 3295826 A4 20181226**; JP 2018518229 A 20180712; KR 101698496 B1 20170201; KR 20160131630 A 20161116; US 2018132601 A1 20180517; WO 2016182279 A1 20161117

DOCDB simple family (application)

EP 16792925 A 20160509; JP 2017558381 A 20160509; KR 20150064488 A 20150508; KR 2016004792 W 20160509; US 201615572078 A 20160509