

Title (en)
Hair volumizing appliance

Title (de)
Haarvolumisierungsgerät

Title (fr)
Appareil pour donner du volume aux cheveux

Publication
EP 2269482 A1 20110105 (EN)

Application
EP 09164417 A 20090702

Priority
EP 09164417 A 20090702

Abstract (en)
According to one aspect, the invention provides a hair volumizing appliance (1) for increasing a hair (8) volume near a person's scalp (7) according to the present invention. The appliance comprises an insertion member (2) to be inserted between the scalp (7) and the hair (8) when in use. The insertion member (2) comprises an unheated scalp facing part (3) to be positioned adjacent to the scalp (7) when in use, and a convex shaped hair supporting part (4) supporting the hair (8) when in use. The hair supporting part (4) comprises at least one heating zone (5) arranged on a side facing away from the scalp facing part (3). The convex shaped part is in contact with the hair (8) when heated, so as to cause a bending of the hair (8) near the root (9), thereby increasing the volume of the hair (8) near the scalp (7). The hair volumizing appliance is particularly suited for volumizing sleek hair without introducing curls.

IPC 8 full level
A45D 1/16 (2006.01); **A45D 2/14** (2006.01); **A45D 2/36** (2006.01)

CPC (source: EP)
A45D 1/16 (2013.01); **A45D 2/146** (2013.01); **A45D 2/362** (2013.01); **A45D 2/367** (2013.01); **A45D 1/20** (2013.01); **A45D 1/28** (2013.01); **A45D 2002/003** (2013.01)

Citation (applicant)
• US 2115229 A 19380426 - AUTONINO MAZZOLA
• US 2004089317 A1 20040513 - MCCAMBRIDGE JAMES E [US], et al

Citation (search report)
• [XAI] WO 2008032978 A1 20080320 - YEOM DAE KWON [KR]
• [X] WO 2006134478 A2 20061221 - DICKSON INDUSTRIAL CO LTD [CN], et al
• [XI] WO 2005060786 A1 20050707 - PROCTER & GAMBLE [US], et al
• [XI] DE 19748067 A1 19990512 - BRAUN GMBH [DE]
• [X] DE 516486 C 19310123 - THEODOR HILLE
• [A] WO 2007000700 A2 20070104 - KONINKL PHILIPS ELECTRONICS NV [NL], et al

Designated contracting state (EPC)
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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 202010005707 U1 20100909; CN 101940399 A 20110112; CN 201878997 U 20110629; EP 2269482 A1 20110105; WO 2011001348 A2 20110106; WO 2011001348 A3 20110414

DOCDB simple family (application)
DE 202010005707 U 20100624; CN 201010218187 A 20100629; CN 201020245440 U 20100629; EP 09164417 A 20090702; IB 2010052911 W 20100625