Title (en)

LIQUID-RESERVOIR HAIRBRUSH SYSTEM

Title (de)

HAARBÜRSTENSYSTEM MIT FLÜSSIGKEITSRESERVOIR

Title (fr)

SYSTEME DE BROSSE A CHEVEUX EQUIPE D'UN RESERVOIR A LIQUIDE

Publication

EP 1272068 B1 20040310 (EN)

Application

EP 00967253 A 20001003

Priority

- US 0027161 W 20001003
- US 51021000 A 20000222
- US 58993200 A 20000607
- US 66788300 A 20000922

Abstract (en)

[origin: WO0162119A1] A liquid-reservoir hairbrush (1) that is capable of evenly dispersing water-based solutions and other thin and non-viscous liquids over the user's scalp and/or through the user's hair during routine hair brushing. Absorbent filler unit(s) (6) are placed into a chamber (58) of the hairbrush body (4) and absorbent feed rods (15) are placed into bores (13) of the hairbrush bristles (12). The hairbrush (1) can be provided with roller-ball (19) or felt-tipped nozzles (20) mounted at distal ends of the hairbrush bristles (12), or with side nozzles located at the bristle's side walls. The absorbent feed rods (15) interconnects the absorbent filler unit(s) (6) and the nozzles, and the liquid from the absorbent filler unit(s) (6) is supplied through the absorbent feed rods (15) to the nozzles. The chamber (58) of the hairbrush body (4) can be divided into multiple, hermetically isolated sections. The hairbrush body (4) can have an optional filler inlet (57) and can come with an optional liquid refilling unit (30) which can hold a predetermined volume of the liquid. The hairbrush (1) comes with a removable bristle lid (26) to keep the bristles enclosed when the hairbrush is not in use and to help prevent the nozzles from drying out.

IPC 1-7

A45D 24/22; A46B 11/00

IPC 8 full level

A46B 11/00 (2006.01); A45D 24/24 (2006.01)

CPC (source: EP)

A46B 11/0006 (2013.01); A45D 24/24 (2013.01); A46B 2200/104 (2013.01)

Cited by

CN110301737A; US8627829B2; US9210994B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0162119 A1 20010830; AT E261257 T1 20040315; AU 2000277477 B2 20051020; AU 7747700 A 20010903; CA 2400247 A1 20010830; CA 2400247 C 20070925; DE 60008932 D1 20040415; DE 60008932 T2 20051110; DK 1272068 T3 20040719; EP 1272068 A1 20030108; EP 1272068 A4 20030702; EP 1272068 B1 20040310; EP 1272068 B9 20050202; ES 2216970 T3 20041101; NZ 521468 A 20040625; PT 1272068 E 20040730

DOCDB simple family (application)

US 0027161 W 20001003; AT 00967253 T 20001003; AU 2000277477 A 20001003; AU 7747700 A 20001003; CA 2400247 A 20001003; DE 60008932 T 20001003; DK 00967253 T 20001003; EP 00967253 A 20001003; ES 00967253 T 20001003; NZ 52146800 A 20001003; PT 00967253 T 20001003