

Title (en)

HAIR DEPILATING DEVICE UTILIZING MECHANISM TO SPIRALLY ALIGN COUPLED-TWEEZER ELEMENTS

Title (de)

DEPILIERGERÄT MIT MECHANISMUS ZUR SPIRALFÖRMIGEN ANEINANDERREIHUNG VON GEKOPPELTEN PINZETTENELEMENTEN

Title (fr)

DISPOSITIF D'EPILATION A MECANISME D'ALIGNEMENT EN SPIRALE D'ELEMENTS PINCES COUPLES

Publication

EP 1294294 A4 20030917 (EN)

Application

EP 01940961 A 20010607

Priority

- IL 0100524 W 20010607
- US 21049300 P 20000609

Abstract (en)

[origin: WO0193767A1] A motor-powered depilatory device (36) employing a hair-plucking assembly (35) containing a right hand actuator element (42) and a left hand actuator element (44), each carrying opposing tweezer elements (52), which fit together in interleaved fashion, arranged to define hair-traps, with the hair-plucking assembly (35) being rotatable about a central shaft (76) and operable to close and open the hair-traps by a system of cams and springs. The device (36) is designed to allow for self-alignment to the tweezer elements (52), ensuring that all tweezer elements (52) close simultaneously during a revolution of the hair-plucking assembly (35). The actuator elements (42, 44) are arranged to provide slots (50) for installation of a plurality rows of tweezer elements (52), arranged in a staggered, rather than tandem arrangement, which contributes to a much more even treatment of the skin surface.

IPC 1-7

A61B 17/50; A45D 26/00

IPC 8 full level

A45D 26/00 (2006.01)

CPC (source: EP)

A45D 26/0028 (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 0193767A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0193767 A1 20011213; AU 7444701 A 20011217; CA 2411234 A1 20011213; CN 1232229 C 20051221; CN 1443051 A 20030917; EP 1294294 A1 20030326; EP 1294294 A4 20030917

DOCDB simple family (application)

IL 0100524 W 20010607; AU 7444701 A 20010607; CA 2411234 A 20010607; CN 01810862 A 20010607; EP 01940961 A 20010607