

Title (en)

PROCESS FOR APPLYING A PERM OR WATER-WAVE TO PREVIOUSLY PERMED OR WATER-WAVED HAIR AND A ROLLER FOR IMPLEMENTING THE PROCESS.

Title (de)

VERFAHREN ZUM AUFBRINGEN EINER DAUER- ODER WASSERWELLE AUF BEREITS FRÜHER DAUER- ODER WASSERWELLBEHANDELTES HAAR, SOWIE LOCKENWICKLER ZUR DURCHFÜHRUNG DES VERFAHRENS.

Title (fr)

PROCEDE POUR L'APPLICATION D'UNE PERMANENTE OU D'UNE MISE EN PLIS SUR DES CHEVEUX DEJA TRAITES PAR PERMANENTE OU MISE EN PLIS, ET BIGOUDI POUR LA MISE EN OEUVRE DE CE PROCEDE.

Publication

EP 0446240 B1 19940907

Application

EP 89912983 A 19891123

Priority

- DE 3840149 A 19881129
- DE 3908733 A 19890317
- DE 8900736 W 19891123
- DE 8814831 U 19881129

Abstract (en)

[origin: WO9006071A1] With the use of hair rollers whose bodies each have an outer longitudinal section bordering on both sides on a central, flexible longitudinal section remaining in the curved state, (previously) permed or water-waved parts of a strand of hair are spirally wound, starting with the ends, first on one outer longitudinal section and then progressively on the central longitudinal section, while finally the previously untreated part of the hair (hairline) is wound substantially around the other outer longitudinal section. Thereafter one longitudinal section is bent approximately at right angles to the other in such a way that one longitudinal section and a part of the central one with the previously treated hair stands substantially vertically upwards from the head. Intensive-action perming or water-waving liquid is then applied only to the previously untreated hair (hairline) substantially wound on the other longitudinal section. In a roller (1) especially suitable for implementing the process, the roller body has a first longitudinal section (2) made of a substantially rigid material on which is arranged or with which engages a securing component (9, 10). One end of the first longitudinal section (2) is connected to a second flexible longitudinal section (3) consisting of a flexible body (5) of visco-elastic plastic arranged about a wire core (4).

IPC 1-7

A45D 2/18

IPC 8 full level

A45D 2/18 (2006.01); **A45D 2/32** (2006.01); **A45D 7/04** (2006.01)

CPC (source: EP US)

A45D 2/18 (2013.01 - EP US); **A45D 2/32** (2013.01 - EP US)

Cited by

DE19841965A1; DE19841965C2

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL

DOCDB simple family (publication)

WO 9006071 A1 19900614; AT E110940 T1 19940915; AU 4634289 A 19900626; DE 58908332 D1 19941013; EP 0446240 A1 19910918; EP 0446240 B1 19940907; ES 2059830 T3 19941116; JP 2659106 B2 19970930; JP H04503313 A 19920618; US 5207235 A 19930504

DOCDB simple family (application)

DE 8900736 W 19891123; AT 89912983 T 19891123; AU 4634289 A 19891123; DE 58908332 T 19891123; EP 89912983 A 19891123; ES 89912983 T 19891123; JP 50012389 A 19891123; US 68786291 A 19910529