

Title (en)

HAIR TREATMENT SYSTEM WITH PROXIMITY SENSORS TO DETECT SCALP OR HAIR DISTANCE AND LOCALITY

Title (de)

HAARBEHANDLUNGSSYSTEM MIT NÄHERUNGSSENSOREN ZUR ERKENNUNG VON KOPFHAUT- ODER HAARABSTAND UND LOKALITÄT

Title (fr)

SYSTÈME DE TRAITEMENT CAPILLAIRE AVEC CAPTEURS DE PROXIMITÉ POUR DÉTECTER LA DISTANCE ET L'EMPLACEMENT DU CUIR CHEVELU OU DES CHEVEUX

Publication

**EP 4213682 A1 20230726 (EN)**

Application

**EP 21782623 A 20210917**

Priority

- US 202017025598 A 20200918
- US 202017025608 A 20200918
- US 202017025619 A 20200918
- FR 2011369 A 20201105
- FR 2012073 A 20201124
- FR 2100128 A 20210107
- US 2021050966 W 20210917

Abstract (en)

[origin: WO2022061175A1] A device comprises a treatment system to treat scalp or hair; one or more sensors configured to detect at least one spatial condition selected from device contact with scalp or hair, device distance to scalp or hair, and device location in relation to scalp or hair; a controller configured to send instructions to adjust the treatment system based on the detected spatial condition of the device. A device for treating hair or scalp, the device comprises a dispenser connected to a cartridge, wherein the cartridge comprises a formulation; a plurality of tips, wherein the tips have at least one opening to dispense the formulation; and a controller that controls the amount of formulation that is dispensed from the tips. The controller can further be configured to control the dispensing of the formulation through one or more tips individually.

IPC 8 full level

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CPC (source: EP KR)

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Designated contracting state (EPC)

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