

Title (en)
SHAMPOO APPLICATOR AND REMOVER FOR CLEANSING HAIR TO NEAR DRY CONDITIONS

Title (de)
HAARWASCHMITTELAPPLIKATOR UND -ENTFERNER ZUM REINIGEN VON HAAREN IM FASTTROCKENZUSTAND

Title (fr)
APPLICATEUR ET DISPOSITIF D'ÉLIMINATION DE SHAMPOOING POUR NETTOYER LES CHEVEUX DANS DES CONDITIONS PRESQUE SÈCHES

Publication
EP 4223176 A1 20230809 (EN)

Application
EP 23166881 A 20210226

Priority

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- US 202016805586 A 20200228
- FR 2003317 A 20200402
- FR 2003401 A 20200406
- EP 21712929 A 20210226
- US 2021020092 W 20210226

Abstract (en)
A device for application of hair formulation includes a body structure having one or more tines at a front end, wherein a tip of a tine includes an electrode. The device further includes an electrostatic charger electrically connected to the electrode to create an electrostatic charge on the hair or scalp or both. The electrostatic charge can attract specific hair formulations.

IPC 8 full level
A45D 19/00 (2006.01); **A45D 19/02** (2006.01); **A45D 19/16** (2006.01); **A45D 24/22** (2006.01); **A45D 24/30** (2006.01); **A45D 24/32** (2006.01)

CPC (source: EP KR)
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Citation (search report)

- [Y] US 6835210 B1 20041228 - BARTOLONE JOHN BRIAN [US], et al
- [Y] JP H07116029 A 19950509 - MATSUSHITA ELECTRIC WORKS LTD
- [A] GB 2387533 A 20031022 - COMPLEMENTARY HEALTH GROUP LTD [GB]
- [A] JP 2003219909 A 20030805 - TANAKA YASUHISA, et al

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021174126 A1 20210902; CN 115103614 A 20220923; CN 115103614 B 20240806; EP 4110132 A1 20230104; EP 4223176 A1 20230809; JP 2023514345 A 20230405; JP 7440652 B2 20240228; KR 20220125339 A 20220914

DOCDB simple family (application)
US 2021020092 W 20210226; CN 202180012707 A 20210226; EP 21712929 A 20210226; EP 23166881 A 20210226; JP 2022549513 A 20210226; KR 20227027613 A 20210226