

Title (en)

HAIR STYLING USING DIELECTRIC HEATING

Title (de)

HAARSTYLING MITHILFE VON DIELEKTRISCHER ERWÄRMUNG

Title (fr)

COIFFAGE UTILISANT UN CHAUFFAGE DIÉLECTRIQUE

Publication

**EP 3869994 B1 20220309 (EN)**

Application

**EP 19783566 A 20191015**

Priority

- EP 18202589 A 20181025
- EP 2019077840 W 20191015

Abstract (en)

[origin: EP3643196A1] In a hair styling device (100) comprising electrodes (102) for applying a radio-frequency signal to hair, a frequency of the radio-frequency signal is between 50 MHz and 90 MHz. Preferably, a voltage of the radio-frequency signal does not exceed 30 V, while a voltage not exceeding 10 V would work well in a configuration that applies another heat source (103) for heating hair up till a first temperature that is no more than 150 °C (and thus lower than a critical temperature at which hair cuticle damage will occur), and the radio-frequency electrodes (102) for - in combination with heat from the other heat source (103) - selectively heating a hair cortex to a second temperature exceeding the first temperature and sufficiently high for hair styling.

IPC 8 full level

**A45D 1/04** (2006.01); **A45D 2/00** (2006.01)

CPC (source: EP KR US)

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