Title (en)

Device for spraying a fixing composition

Title (de)

Vorrichtung zum Versprühen einer Fixierzusammensetzung

Title (fr)

Dispositif de pulverisation d'une composition de fixation

Publication

EP 1961490 B1 20181128 (FR)

Application EP 08151855 A 20080222

Priority

FR 0753479 A 20070223

Abstract (en)

[origin: EP1961490A1] The spray device of a cosmetic composition having water, comprises a container equipped with a spray mechanism, a perforated membrane, a piezoelectric actuator for vibrating the membrane in a frequency of 20 KHz to 7 MHz, a unit for contacting the liquid composition contained in the container with internal surface of the membrane, a unit for pressure offset providing reduced pressure to the liquid in contact with the internal surface of the membrane, and additives. The perforations of the membrane allow an interior of the container to communicate with external environment. The spray device of a cosmetic composition having water, comprises a container equipped with a spray mechanism, a perforated membrane, a piezoelectric actuator for vibrating the membrane in a frequency of 20 KHz to 7 MHz, a unit for contacting the liquid composition contained in the container with internal surface of the membrane, a unit for pressure offset providing reduced pressure to the liquid in contact with the internal surface of the membrane, and additives. The perforations of the membrane effect to 7 MHz, a unit for contacting the liquid composition contained in the container with internal surface of the membrane, a unit for pressure offset providing reduced pressure to the liquid in contact with the internal surface of the membrane, and additives. The perforations of the membrane allow an interior of the container to communicate with external environment, and have an inverse conicity such as transversely crossed surface larger than the external surface of the membrane. The cosmetic or non-ionic fixing polymer (1-12 wt.%) in a cosmetically acceptable medium. The reduced pressure stress a supply mechanism with bubble generator by capillarity. Perforations with normal conicity are disposed around and to exterior of the perforations with inverse conicity. The additives are alkalizing agent, acidifying agent, silicon, perfumes, conservative agents, UV absorbent agents, colorants and/or anticorrosion agents.

IPC 8 full level

B05B 17/06 (2006.01)

CPC (source: EP US)

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Citation (examination)

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