

Title (en)

Hair curling device

Title (de)

Gerät zum Wellen der Haare

Title (fr)

Dispositif pour boucler des cheveux

Publication

EP 1554945 A1 20050720 (EN)

Application

EP 05000157 A 20050105

Priority

JP 2004011084 A 20040119

Abstract (en)

A hair curling device has a hand grip (10), and a heating barrel (20) extending from the hand grip to have a lengthwise axis. A hair clamp (30) is held by the hand grip to be moveable between a hair clamping position and a release position. The hair clamp is curved in match with the curling surface in order to curl the hair clamped between the hair lamp and the barrel. The device includes at least one negative ion generator (60) with an ion port (82) for emitting negative ions. The negative ion generator gives a cone emission axis along which the negative ions are emitted out through the ion port in an emission cone. The ion port is located at a portion offset axially from the barrel as well as offset circumferentially from the hair clamp with the cone emission axis being oriented in such a direction that the emission cone extends mainly along the axial of the barrel to cover a region outwardly of the curling surface of the barrel, i.e., the hair clamp. Thus, the negative ion generator can emit the negative ions in a concentrated manner to the hair just out of the hair clamp for adding the negative ion treatment effect to the curled hair.

IPC 1-7

A45D 1/04

IPC 8 full level

A45D 2/04 (2006.01); **A45D 1/04** (2006.01); **A45D 1/06** (2006.01); **A45D 2/00** (2006.01)

CPC (source: EP KR US)

A45D 1/04 (2013.01 - EP US); **E02D 29/1427** (2013.01 - KR); **A45D 2001/008** (2013.01 - EP US); **A45D 2200/202** (2013.01 - EP US); **E02D 2600/20** (2013.01 - KR)

Citation (search report)

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