

Title (en)

Curling iron with retractable bristles or teeth.

Title (de)

Lockenstab mit einziehbaren Borsten oder Zinken.

Title (fr)

Fer à friser avec soies ou dents escamotables.

Publication

EP 0379670 B1 19940126 (DE)

Application

EP 89121647 A 19891123

Priority

DE 3902111 A 19890125

Abstract (en)

[origin: JPH02228906A] PURPOSE: To enable withdrawal of a hair winder barrel member without a step of unwinding the hair once wound thereon by manipulating a bristle or sawtooth-like multiple-protrusion adjusting device according to aeration temperatures, with more than one temperature sensing elements of a shape retentive metal provided in an aeration passage. CONSTITUTION: Air 2 is fed from main body 1 to the interior of hair winder barrel member 3 through a heater and a blower, then getting released to the exterior via aeration hole 4. Inside hair wind barrel member 3, adjusting device 5 is installed axially movably, and also serves as holder of bristle 6. The adjusting device 5 is cylindrical and has outlet ports 7 for aeration in its periphery. Bristle 6 is implanted in bundles which are protruding to the exterior from the respective aeration holes 4. The adjusting device 5 is held axially by a thermosensitive elements 8, each of which is made of a shape memory alloy, allowing various shapes such as a U-shape, a coil-like form of a split spring shape to be formed. Preferably, the bristle or sawtooth-like multiple-protrusion holder is formed pivotable, and in this case, the thermosensitive element is preferably formed in a split spring shape.

IPC 1-7

A45D 1/04; A45D 1/18; A45D 20/50

IPC 8 full level

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CPC (source: EP US)

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