

Title (en)

HAIR SHAPING DEVICE, ESPECIALLY A STEAM STYLING TONG

Title (de)

HAARFORMGERÄT, INSBESONDERE DAMPFFRISIERSTAB

Title (fr)

APPAREIL DE MISE EN FORME DE LA CHEVELURE, EN PARTICULIER BARRE A FRISER A VAPEUR

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Application

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Abstract (en)

[origin: US2003037796A1] The invention relates to a hair-shaping appliance (1), in particular steam styling tongs, having a tubular drum (3) which treats the hair and is provided with through-passages (2). Projecting out of the drum (3) is a dosing device (26), upon the actuation of which liquid passes out of an outlet (18) of a liquid container (19) via a liquid-channeling device (17). Formed in the drum (3) is an evaporating device (13) which is supplied with heat by a heating device (12) and comprises an evaporator surface (16) which is in thermal contact with the heating device (12). Liquid which has passed out evaporates on the evaporator surface into steam, which then passes into the steam-distributor chamber (91) and, there, flows outward via the through-passages (2). The heating device (12) is formed in a combustion chamber (7) of the drum (3), in which, during the heating operation, flame-free combustion of a gas takes place by means of a catalyst (8), of which the combustion gases pass out via outlets (2) formed in the drum (3) and/or in the combustion chamber (7). According to the invention, the combustion chamber (7) and the steam-distributor chamber (91) are formed by a common chamber (87). Means (26, 17) that which prevent water from penetrating into the common chamber (87) are also provided. As a result, while reliable combustion is maintained, the design of the hair-shaping appliance is simplified, which results in less expensive production.

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