

Title (en)
HAIR DRYER

Title (de)
HAARTROCKNER

Title (fr)
SÈCHE-CHEVEUX

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Application
EP 21739142 A 20210705

Priority
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Abstract (en)
[origin: WO2022008408A1] A hair dryer comprises a fan (F) for generating an air flow, and a drying chamber (HC) having a hair inlet (II) into which hair can be guided by the air flow. A cross-section of the drying chamber (HC) has a first dimension in a first direction, which first dimension is at least 5 times larger than a second dimension in a second direction perpendicular to the first direction, wherein the first and second directions are perpendicular to a direction of the air flow. The drying chamber (HC) may be folded in that the drying chamber has a U-turn in the direction of the air flow. A first area of the cross-section of the drying chamber (HC) at the U-turn may be smaller than a second area of the cross-section in the middle between the hair inlet (II) and the U-turn. A hair inlet (II) of the drying chamber (HC) may be shaped to follow a contour of a user's head. The hair dryer may be arranged for heating hair from multiple sides. A wall of the drying chamber (HC) may be provided with a hydrophilic or water absorbing or water surface tension reducing material. The water absorbing material may be regenerated by means of hot air. The drying chamber (HC) may be openable, whereby the drying chamber can be cleaned. The hair dryer may have a sensor (MS) for sensing temperature and/or humidity of the air flow at an air outlet of the hair dryer, and a part of the air flow may be recirculated based on an output of the sensor (MS). The hair dryer may have a nozzle to channel hot air towards a user's scalp. A wall of the drying chamber (HC) may be shaped so as to style the hair and/or increase a contact area that is in contact with the hair.

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