

Title (en)
HAIRDRYER WITH CONCENTRIC BLADES

Title (de)
HAARTROCKNER MIT KONZENTRISCHEN SCHAUFELN

Title (fr)
SECHE-CHEVEUX AVEC AILETTES CONCENTRIQUES

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Application
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Abstract (en)
[origin: WO2013072626A1] The invention relates to a hairdryer comprising: a tubular body (2) with a longitudinal axis (Delta), the body being open at a front end, called the outlet (4), and comprising, near a back end (6) opposite the outlet (4), a substantially peripheral air inlet (7); a motor-blower unit (10) that is placed in the tubular body (2) between the inlet (7) and the outlet (4) and that comprises an electric motor (16) driving in rotation, about an axis parallel or coincident with the longitudinal axis (Delta), a rotor (11) located in a working chamber (12) and designed to suck air into the inlet (7) and force it out of the outlet (4). According to the invention, the hairdryer comprises: behind (6) the tubular body (2), a central core (20) with a longitudinal axis (Delta), said core comprising a peripheral area (21) that is concave and converges toward the working chamber (12) and that bounds, with the tubular body (2), the air inlet (7) and an annular suction duct (12); and, in the suction duct (13), at least one curved annular blade with a longitudinal axis (Delta), the pressure surface (24) and the suction surface of said blade converging toward the working chamber (12).

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