Title (en)

HAIRDRYER WITH CONCENTRIC BLADES

Title (de)

HAARTROCKNER MIT KONZENTRISCHEN SCHAUFELN

Title (fr)

SECHE-CHEVEUX AVEC AILETTES CONCENTRIQUES

Publication

EP 2779863 A1 20140924 (FR)

Application

EP 12795548 A 20121114

Priority

- FR 1160561 A 20111118
- FR 2012052628 W 20121114

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).

IPC 8 full level

A45D 20/10 (2006.01); **A45D 20/12** (2006.01); **A45D 20/38** (2006.01); **A45D 20/42** (2006.01)

CPC (source: EP)

A45D 20/10 (2013.01); **A45D 20/12** (2013.01); **A45D 20/38** (2013.01); **A45D 20/42** (2013.01)

Citation (search report)

See references of WO 2013072626A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013072626 A1 20130523; CN 204207259 U 20150318; EP 2779863 A1 20140924; EP 2779863 B1 20151230; ES 2565097 T3 20160331; FR 2982747 A1 20130524; FR 2982747 B1 20140110

DOCDB simple family (application)

FR 2012052628 W 20121114; CN 201290000974 U 20121114; EP 12795548 A 20121114; ES 12795548 T 20121114; FR 1160561 A 20111118