

Title (en)

HAIRDRYER WITH HIGH ELECTRICAL SAFETY

Title (de)

HAARTROCKNER MIT HOHER ELEKTRISCHER SICHERHEIT

Title (fr)

SÈCHE-CHEVEUX PRÉSENTANT UNE GRANDE SÉCURITÉ ÉLECTRIQUE

Publication

EP 3313228 A1 20180502 (EN)

Application

EP 16745828 A 20160623

Priority

- IT UB20151695 A 20150626
- IB 2016053734 W 20160623

Abstract (en)

[origin: WO2016207821A1] Described herein is a hairdryer (1) including: - a casing (2); - a flow duct (4) provided within the casing (2) and having an intake port (4IN) and a delivery port (4OUT); - a motor unit (8) including an electric motor (M); - at least one rotor (6), which can be driven in rotation by the electric motor (M) and is configured for sucking in an air flow through the intake port (4IN) and sending it into the flow duct (4) towards the delivery port (4OUT); and - at least one electrical resistance (10, 12) inserted in the aforesaid flow duct (4) and configured for heating the air flow taken in by the aforesaid rotor (6). The above at least one electrical resistance (10, 12) is coated with electrically insulating material, and the motor unit (8) includes a watertight casing (16) housing the electric motor (M).

IPC 8 full level

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

CPC (source: EP US)

A45D 20/10 (2013.01 - EP US); **A45D 20/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2016207821A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016207821 A1 20161229; CN 107920647 A 20180417; EP 3313228 A1 20180502; RU 2018102353 A 20190729; RU 2018102353 A3 20200225; US 2019090607 A1 20190328

DOCDB simple family (application)

IB 2016053734 W 20160623; CN 201680049228 A 20160623; EP 16745828 A 20160623; RU 2018102353 A 20160623; US 201615739386 A 20160623