

Title (en)

WIND VELOCITY CHANGING DEVICE AND HAIR DRYER

Title (de)

WINDGESCHWINDIGKEITSÄNDERUNGSVORRICHTUNG UND HAARTROCKNER

Title (fr)

DISPOSITIF À CHANGEMENT DE VITESSE D'AIR ET SÈCHE-CHEVEUX

Publication

EP 3649885 A4 20200617 (EN)

Application

EP 18828207 A 20180605

Priority

- KR 20170085217 A 20170705
- KR 2018006403 W 20180605

Abstract (en)

[origin: EP3649885A1] According to one aspect of the present invention, a wind velocity changing device which focuses or disperses wind of a hair dryer to change wind velocity includes: a guide tube part having a hollow part of which one end is closed and the other end is closed, wherein the closed one end is disposed to face the wind so that the wind blows along an outer circumferential surface of the guide tube part; and a flow path altering part including a cone part and a flow path altering tube, wherein the cone part has one end, which is inserted into the hollow part and enters and exits along the hollow part, and a cross section which becomes small in a forward direction, the flow path altering tube has one end, which is positioned to be spaced apart from the one end of the cone part in the forward direction so that an inlet into which the wind blowing through the guide tube part is introduced is formed, and is coupled to a part of the cone part which is inserted thereto, and the inlet focuses or disperses the wind when the cone part exits or enters the hollow part of the guide tube part.

IPC 8 full level

A45D 20/12 (2006.01)

CPC (source: EP KR)

A45D 20/12 (2013.01 - EP); **A45D 20/122** (2013.01 - EP KR)

Citation (search report)

- [A] GB 2515814 A 20150107 - DYSON TECHNOLOGY LTD [GB]
- [A] CN 2136607 Y 19930623 - CAI RIDU [CN]
- [A] KR 20100125586 A 20101201 - CHUNG EUI YUN [KR]
- See references of WO 2019009524A1

Cited by

US2021353031A1; US11937680B2

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)

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EP 18828207 A 20180605; CN 201880045002 A 20180605; KR 20170085217 A 20170705; KR 2018006403 W 20180605