

Title (en)

Hairdryer apparatus connected to the user hands

Title (de)

Haartrocknervorrichtung, die mit den Händen des Anwenders verbunden ist

Title (fr)

Appareil de sèche-cheveux connecté aux mains de l'utilisateur

Publication

**EP 2186431 A1 20100519 (EN)**

Application

**EP 08019807 A 20081113**

Priority

EP 08019807 A 20081113

Abstract (en)

A manual air jet hairdryer, capable of drying hairs so as to provide an effect simulating that of a natural hair drying is herein disclosed. To achieve this end, the hot air is directly ejected from air ejecting nozzles affixed to the palm portions of the two hands of the user. In particular, air exiting from the nozzles is at first heated by a thermal exchanger arranged immediately near the drying place. Air is conveyed from the thermal exchanger to the user hands through a half-flexible hose, bearing on a floor, and then, through a flow switching element, through two flexible hoses which directly arrive at the two user wrists. The interexchangeable air nozzles can be designed either as directional nozzles or diffuser nozzles, in one, two or three spatial directions. For pressurizing air delivered to the nozzles, a conventional commercially available compressor can be used.

IPC 8 full level

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

CPC (source: EP)

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

Citation (search report)

- [X] US 4138827 A 19790213 - BAUGH RONALD, et al
- [X] JP H04364805 A 19921217 - MATSUSHITA ELECTRIC WORKS LTD
- [X] FR 454686 A 19130710 - JEAN SOLON [FR], et al
- [I] US 4620374 A 19861104 - PATTERSON DENNIS E [US]
- [A] US 5133043 A 19920721 - BAUGH RONALD [US]

Cited by

KR101394213B1; CN105392385A; EP3031349A4; JP2016538921A; US9968171B2; WO2015020480A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2186431 A1 20100519**

DOCDB simple family (application)

**EP 08019807 A 20081113**