

Title (en)  
HAIRDRESSING DEVICE, ROTATING MECHANISM, HAIR CLAMPING MECHANISM, SUCTIONING STRUCTURE, AND HAIR CURLING DEVICE

Title (de)  
HAARSCHNEIDEVORRICHTUNG, DREHMECHANISMUS, HAARKLEMMMECHANISMUS, SAUGSTRUKTUR UND HAARLOCKERUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE COIFFURE, MÉCANISME ROTATIF, MÉCANISME DE SERRAGE DES CHEVEUX, STRUCTURE D'ASPIRATION ET DISPOSITIF DE BOUCLAGE DES CHEVEUX

Publication  
**EP 4144255 A4 20231101 (EN)**

Application  
**EP 21854452 A 20210805**

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- CN 202010778486 A 20200805
- CN 202021605341 U 20200805
- CN 202021604200 U 20200805
- CN 202021605343 U 20200805
- CN 202021604232 U 20200805
- CN 202021604233 U 20200805
- CN 202010778507 A 20200805
- CN 202011269331 A 20201113
- CN 202022627581 U 20201113
- CN 202022624492 U 20201113
- CN 202022627578 U 20201113
- CN 2021110727 W 20210805

Abstract (en)  
[origin: EP4144255A1] An automatic hairdressing device, comprising: a handle (1) with an air duct inside; a fan (5) used for guiding air in the air duct; a heating element (4) provided in the air duct and used for heating the air guided in the air duct; and a motor rotating mechanism provided in the handle (1) and comprising a connecting disc (32) rotatably provided at the front part of the air duct and a hair curling column (2) mounted on the connecting disc (32), an air outlet communicated with the air duct being formed on the hair curling column (2), wherein the hair curling column (2) comprises two semi-cylindrical shells (23) with a gap (20) therebetween; the air outlet comprises an air outlet slot (231); and the air outlet slot (231) is obliquely formed on the side of each semi-cylindrical shell (23) facing the gap (20). The hair curling column (2) can automatically wind hair, and the hair wound on the hair curling column (2) can be quickly styled under the action of hot air. After hair styling is completed, the fan (5) is controlled to operate independently, and the air outlet can blow cold air toward the hair, such that the hair is quickly styled.

IPC 8 full level  
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CPC (source: EP KR US)  
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Citation (search report)

- [XAY] CN 210747781 U 20200616 - DONGGUAN BIDISCO ELECTRIC CO LTD
- [Y] CN 107822293 A 20180323 - SHENZHEN HUANTAI ELECTRICAL APPLIANCES CO LTD
- [A] CN 207428673 U 20180601 - SHENZHEN HUANTAI ELECTRICAL APPLIANCES CO LTD
- [A] RU 175801 U1 20171219
- See references of WO 2022028503A1

Designated contracting state (EPC)  
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KH MA MD TN

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DOCDB simple family (application)  
**EP 21854452 A 20210805**; CN 2021110727 W 20210805; JP 2023502771 A 20210805; KR 20237001592 A 20210805; US 202118014139 A 20210805