

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau

(43) International Publication Date  
01 October 2020 (01.10.2020)



(10) International Publication Number  
**WO 2020/193939 A1**

(51) International Patent Classification:

A45D 1/06 (2006.01) A45D 20/12 (2006.01)  
A45D 1/04 (2006.01) A45D 20/50 (2006.01)  
A45D 20/10 (2006.01)

(21) International Application Number:

PCT/GB2020/050443

(22) International Filing Date:

25 February 2020 (25.02.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

1903958.5 22 March 2019 (22.03.2019) GB

(71) Applicant: **DYSON TECHNOLOGY LIMITED**  
[GB/GB]; Tetbury Hill, Malmesbury Wiltshire SN16 0RP  
(GB).

(72) Inventors: **BEAUMONT, Rory**; c/o Dyson Technology Limited, Tetbury Hill, Malmesbury Wiltshire SN16 0RP (GB). **COURTNEY, Stephen**; c/o Dyson Technology Limited, Tetbury Hill, Malmesbury Wiltshire SN16 0RP (GB). **BALLARATI, Maurizio**; c/o Dyson Technology Limited, Tetbury Hill, Malmesbury Wiltshire SN16 0RP (GB). **HUGHES, Alexander**; c/o Dyson Technology Limited, Tetbury Hill, Malmesbury Wiltshire SN16 0RP (GB). **COULTON, Robert**; c/o Dyson Technology Limited, Tetbury Hill, Malmesbury Wiltshire SN16 0RP (GB). **IMHASLY, Nathan**; c/o Dyson Technology Limited, Tetbury Hill, Malmesbury Wiltshire SN16 0RP (GB).

(74) Agent: **MACKISACK, Anna** et al.; Intellectual Property Department, Dyson Technology Limited, Tetbury Hill, Malmesbury Wiltshire SN16 0RP (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,

CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: A HAIR STYLING APPLIANCE

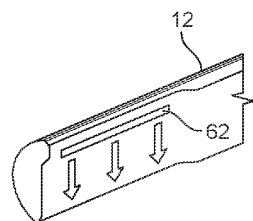


FIG. 6a

(57) Abstract: The present invention relates to a hair straightening apparatus having two arms pivotably coupled together and arranged to receive hair within a cavity formed between them. A plenum in at least one arm comprises an air inlet for receiving airflow from a fan unit and an air outlet for emitting airflow towards hair within the cavity. The air outlet extends along the inner wall of at least one of the first arm and the second arm and it adapted to direct airflow towards a lower edge of the arms.



WO 2020/193939 A1