

Title (en)
HAND-HELD HAIR STYLING DEVICE

Title (de)
TRAGBARE HAARSTYLINGVORRICHTUNG

Title (fr)
DISPOSITIF DE COIFFAGE PORTATIF

Publication
EP 3429421 A4 20190320 (EN)

Application
EP 17840547 A 20171016

Priority
• CN 2017087427 W 20170607
• CN 2017106352 W 20171016

Abstract (en)
[origin: WO2018223576A1] A hand-held hair styling device (101, 201, 301, 401, 501, 601, 701, 801) has a body (103, 303, 403, 503) having a wider side (121) between narrower sides (123). A rotatable base (137, 237, 337, 437, 537, 637, 737, 837) is mounted on the body (103, 303, 403, 503) for rotation relative to the body (103, 303, 403, 503). The rotatable base (137, 237, 337, 437, 537, 637, 737, 837) has an exposed surface (149) facing generally away from the body (103, 303, 403, 503). An axis of rotation (139) of the rotatable base (137, 237, 337, 437, 537, 637, 737, 837) extends substantially perpendicular to a longitudinal axis (143) of the body (103, 303, 403, 503). A plurality of hair styling elements (107, 207) extending generally away from the body (103, 303, 403, 503) are mounted on the exposed surface (149) of the rotatable base (137, 237, 337, 437, 537, 637, 737, 837) for rotation relative to the body (103, 303, 403, 503) with the rotatable base (137, 237, 337, 437, 537, 637, 737, 837). A method of styling hair includes rotating the rotatable base (137, 237, 337, 437, 537, 637, 737, 837) and the hair styling elements (107, 207) thereon while at least some of the hair styling elements (107, 207) are in contact with a person's hair (191).

IPC 8 full level
A45D 2/00 (2006.01); **A45D 6/00** (2006.01); **A45D 24/10** (2006.01); **A45D 24/14** (2006.01)

CPC (source: EP KR US)
A45D 2/00 (2013.01 - EP KR); **A45D 2/02** (2013.01 - US); **A45D 2/42** (2013.01 - US); **A45D 6/00** (2013.01 - KR); **A45D 24/007** (2013.01 - EP US); **A45D 24/04** (2013.01 - EP); **A45D 24/10** (2013.01 - US); **A45D 24/14** (2013.01 - KR); **A45D 2002/006** (2013.01 - US)

Citation (search report)
• [X] US 4369690 A 19830125 - SAPKUS JURGIS
• [X] US 2014338692 A1 20141120 - LONGORIA JOSE [US], et al
• [X] WO 2004064568 A1 20040805 - ELYSEE BEAUTY PRODUCTS LTD [CN], et al
• See references of WO 2018223576A1

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 2018223576 A1 20181213; AR 112010 A1 20190911; AU 2017314294 A1 20190103; AU 2018205086 A1 20190117; BR 112018006478 A2 20200901; CN 109414099 A 20190301; CN 109475210 A 20190315; DE 202018105072 U1 20181218; EP 3429421 A1 20190123; EP 3429421 A4 20190320; EP 3439501 A1 20190213; IL 260549 A 20190228; JP 2018202141 A 20181227; JP 2020522283 A 20200730; JP 3222383 U 20190801; KR 20190087955 A 20190725; KR 20200016775 A 20200217; MX 2018011769 A 20190306; PH 12018501795 A1 20190617; RU 2018110598 A 20190926; RU 2018110598 A3 20190926; RU 2018128001 A 20200131; SG 11201801577V A 20190130; TW 201902388 A 20190116; TW 201902389 A 20190116; TW I644635 B 20181221; US 2020245739 A1 20200806; US 2021204669 A1 20210708; WO 2018223310 A1 20181213; WO 2018223744 A1 20181213

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CN 2017106352 W 20171016; AR P180101540 A 20180607; AU 2017314294 A 20171016; AU 2018205086 A 20180315; BR 112018006478 A 20171016; CN 2017087427 W 20170607; CN 201780003351 A 20171016; CN 2018079174 W 20180315; CN 201880000828 A 20180315; DE 202018105072 U 20180315; EP 17840547 A 20171016; EP 18734740 A 20180315; IL 26054918 A 20180711; JP 2018060141 A 20180327; JP 2018537839 A 20180315; JP 2018600014 U 20171016; KR 20187008457 A 20171016; KR 20187021316 A 20180315; MX 2018011769 A 20180315; PH 12018501795 A 20180823; RU 2018110598 A 20171016; RU 2018128001 A 20180315; SG 11201801577V A 20171016; TW 106141958 A 20171130; TW 107119638 A 20180607; US 201715758669 A 20171016; US 201816070171 A 20180315