

Title (en)  
HAIR APPLIANCE WITH ION GENERATOR

Title (de)  
HAARGERÄT MIT IONENGENERATOR

Title (fr)  
APPAREIL À CHEVEUX AVEC GÉNÉRATEUR D'IONS

Publication  
**EP 3801118 A4 20220316 (EN)**

Application  
**EP 19816133 A 20190605**

Priority  
• HK 18107340 A 20180605  
• CN 2019090134 W 20190605

Abstract (en)  
[origin: WO2019233439A1] A hair iron comprising an ion generator (20) that generates ions comprises a slotted nozzle (22, 122) in communication with the ion generator (20) for generating an ion curtain projecting from at least one side of a body (10, 11) of the hair iron, alongside and substantially parallel to a longitudinal edge of the heating element (15, 16, 17, 18, 115, 116, 117, 118) that contacts the hair (31) in use.

IPC 8 full level  
**A45D 1/04** (2006.01); **A45D 2/00** (2006.01)

CPC (source: EP US)  
**A45D 1/04** (2013.01 - US); **A45D 2/001** (2013.01 - EP US); **A45D 2200/202** (2013.01 - EP US)

Citation (search report)  
• [XAI] CN 201541947 U 20100811 - DONGGUAN CITY MOREDA ELECTRIC TECHNOLOGY CO LTD  
• [XI] US 2004129288 A1 20040708 - SAIDA ITARU [JP], et al  
• [XI] US 2017112254 A1 20170427 - FERREYRE RÉGIS [FR]  
• [XI] JP 2014168618 A 20140918 - SHARP KK  
• See references of WO 2019233439A1

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

DOCDB simple family (publication)  
**WO 2019233439 A1 20191212**; CN 215837519 U 20220218; EP 3801118 A1 20210414; EP 3801118 A4 20220316; JP 2021526037 A 20210930; US 2021267337 A1 20210902

DOCDB simple family (application)  
**CN 2019090134 W 20190605**; CN 201990000761 U 20190605; EP 19816133 A 20190605; JP 2020552871 A 20190605; US 201916972506 A 20190605