

Title (en)  
HAIRSTYLING DEVICE

Title (de)  
HAARSTYLINGVORRICHTUNG

Title (fr)  
DISPOSITIF DE COIFFURE

Publication  
**EP 3558049 A1 20191030 (FR)**

Application  
**EP 17823046 A 20171204**

Priority  
• EP 16206630 A 20161223  
• EP 2017081303 W 20171204

Abstract (en)  
[origin: CA3047809A1] The present invention concerns a hairstyling device (1) comprising two hinged jaws (2) with heating plates (12), the device comprising at least one cartridge (3) which, when the device is in use, contains a liquid, said cartridge comprising an ultrasonic transducer (9) with micro-perforations (14) that allow the liquid to be transformed during use into a dispersion of droplets, said at least one cartridge (3) comprising an outlet (15) for delivering said dispersion of droplets through a delivery cavity (16), situated in at least one of the heating plates, and towards discharge ports (11).

IPC 8 full level  
**A45D 1/06** (2006.01); **A45D 1/00** (2006.01); **A45D 1/04** (2006.01)

CPC (source: EP KR US)  
**A45D 1/04** (2013.01 - EP KR US); **A45D 1/06** (2013.01 - EP KR); **A45D 1/08** (2013.01 - US); **A45D 1/14** (2013.01 - US); **A45D 1/18** (2013.01 - KR); **A45D 1/28** (2013.01 - KR); **A45D 19/16** (2013.01 - US); **F21V 33/0004** (2013.01 - KR); **A45D 1/18** (2013.01 - US); **A45D 2/002** (2013.01 - US); **A45D 2001/002** (2013.01 - KR); **A45D 2001/008** (2013.01 - EP KR US); **A45D 2200/207** (2013.01 - US)

Citation (search report)  
See references of WO 2018114294A1

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)  
**EP 3338590 A1 20180627**; AU 2017381051 A1 20190704; AU 2017381051 B2 20230316; BR 112019012455 A2 20200414; CA 3047809 A1 20180628; CN 110087503 A 20190802; EP 3558049 A1 20191030; EP 3558049 B1 20200902; ES 2824750 T3 20210513; IL 267165 A 20190829; JP 2020501645 A 20200123; KR 20190099236 A 20190826; MX 2019007531 A 20190816; RU 2019121015 A 20210126; US 11622610 B2 20230411; US 2019380465 A1 20191219; WO 2018114294 A1 20180628

DOCDB simple family (application)  
**EP 16206630 A 20161223**; AU 2017381051 A 20171204; BR 112019012455 A 20171204; CA 3047809 A 20171204; CN 201780078382 A 20171204; EP 17823046 A 20171204; EP 2017081303 W 20171204; ES 17823046 T 20171204; IL 26716519 A 20190606; JP 2019528806 A 20171204; KR 20197020402 A 20171204; MX 2019007531 A 20171204; RU 2019121015 A 20171204; US 201716470796 A 20171204