

Title (en)  
HAIR IRON

Title (de)  
HAARGLÄTTER

Title (fr)  
FER À CHEVEUX

Publication  
**EP 3785564 A2 20210303 (EN)**

Application  
**EP 20192596 A 20200825**

Priority  
JP 2019156739 A 20190829

Abstract (en)  
A hair iron includes a first hair holding part including a first hair holding surface and a second hair holding part including a second hair holding surface configured to face the first hair holding surface. The hair iron holds hair with the first hair holding surface and the second hair holding surface facing each other. The hair iron further includes a discharge device that generates ions and an ion ejection port that ejects the ions thus generated. The discharge device is disposed at a portion of the first hair holding part that does not overlap the first hair holding surface. This can provide the hair iron that can be downsized in the thickness direction while increasing hair care effects.

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

CPC (source: CN EP US)  
**A45D 1/04** (2013.01 - CN EP US); **A45D 1/08** (2013.01 - CN); **A45D 2/001** (2013.01 - CN US); **A45D 2200/202** (2013.01 - CN EP)

Citation (applicant)  
JP 2018102540 A 20180705 - PANASONIC IP MAN CORP

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 3785564 A2 20210303**; **EP 3785564 A3 20210310**; CN 112438475 A 20210305; JP 2021029923 A 20210301; JP 7320751 B2 20230804; US 2021059374 A1 20210304

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**EP 20192596 A 20200825**; CN 202010875807 A 20200827; JP 2019156739 A 20190829; US 202017001041 A 20200824