

Title (en)  
Hairstyling device

Title (de)  
Frisiergerät

Title (fr)  
Appareil de coiffure

Publication  
**EP 2208433 A1 20100721 (FR)**

Application  
**EP 10356005 A 20100115**

Priority  
FR 0900168 A 20090115

Abstract (en)  
The appliance (1) has two sets of treating surfaces respectively carried by an upper jaw (2) and a lower jaw (3) that are arranged opposite to one another, where the sets of surfaces have main heating straightening zones permit to grip a lock of hair along a plane. The sets of surfaces have a removable complementary heating straightening zone (20) that allows gripping the lock of hair along another plane that is not parallel to the former plane. The main zones have plates (10, 11) extended in the plane parallel to a longitudinal axis of the jaws. The planes are perpendicular to one another.

Abstract (fr)  
L'invention concerne un appareil de coiffure (1 ; 101) comportant deux ensembles de surfaces de traitement pour venir pincer une mèche de cheveux, les deux ensembles de surfaces de traitement étant respectivement portés par des mâchoires (2, 3 ; 102, 103) disposées en vis-à-vis. Conformément à l'invention, les ensembles de surfaces de traitement comportent au moins une zone de lissage principale (10, 11 ; 110, 111) chauffante permettant de pincer la mèche de cheveux selon un premier plan et une zone de lissage complémentaire (20; 120; 220) chauffante permettant de pincer la mèche de cheveux selon un deuxième plan non parallèle au premier plan et la zone de lissage complémentaire (20) est située en amont et/ou en aval de la zone de lissage principale (10, 11).

IPC 8 full level  
**A45D 1/04** (2006.01); **A45D 1/18** (2006.01); **A45D 2/00** (2006.01)

CPC (source: EP KR US)  
**A45D 1/04** (2013.01 - EP KR US); **A45D 1/06** (2013.01 - KR); **A45D 1/18** (2013.01 - KR); **A45D 2/001** (2013.01 - EP KR US); **A45D 2/002** (2013.01 - EP KR US)

Citation (applicant)  
• EP 1124466 A1 20010822 - SEB SA [FR]  
• FR 854929 A 19400427 - V G MFG CO

Citation (search report)  
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• [X] US 5799671 A 19980901 - TAKIMAE TOYOSAKU [JP]  
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AL BA RS

DOCDB simple family (publication)  
**EP 2208433 A1 20100721; EP 2208433 B1 20170809**; BR PI1000086 A2 20110329; BR PI1006793 A2 20190326; BR PI1007140 A2 20160223; CA 2690326 A1 20100715; CN 102271549 A 20111207; CN 102271549 B 20150121; CN 102281791 A 20111214; CN 102281791 B 20141015; CN 201814058 U 20110504; EP 2378915 A1 20111026; EP 2378915 B1 20180801; EP 2378916 A1 20111026; EP 2378916 B1 20170809; ES 2640037 T3 20171031; ES 2640039 T3 20171031; ES 2686887 T3 20181022; FR 2940893 A1 20100716; FR 2940893 B1 20121221; FR 2940894 A1 20100716; FR 2940894 B1 20130816; KR 101677776 B1 20161118; KR 20110122118 A 20111109; US 2012024311 A1 20120202; US 8789539 B2 20140729; WO 2010081968 A1 20100722; WO 2010081969 A1 20100722

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**EP 10356005 A 20100115**; BR PI1000086 A 20100115; BR PI1006793 A 20100115; BR PI1007140 A 20100115; CA 2690326 A 20100115; CN 201020000447 U 20100115; CN 201080004411 A 20100115; CN 201080004624 A 20100115; EP 10703315 A 20100115; EP 10703316 A 20100115; ES 10356005 T 20100115; ES 10703315 T 20100115; ES 10703316 T 20100115; FR 0900168 A 20090115; FR 0952474 A 20090415; FR 2010000034 W 20100115; FR 2010000035 W 20100115; KR 20117018860 A 20100115; US 201013144240 A 20100115