

Title (en)  
HAIR STYLING APPARATUS WITH INSULATING AIR GAPS

Title (de)  
HAARSTYLINGVORRICHTUNG MIT ISOLIERENDEN LUFTSPALTEN

Title (fr)  
APPAREIL DE COIFFURE AVEC ESPACES D'AIR ISOLANTS

Publication  
**EP 3264935 A4 20190123 (EN)**

Application  
**EP 16762142 A 20160302**

Priority  
• US 201562129335 P 20150306  
• US 2016020327 W 20160302

Abstract (en)  
[origin: US2016255936A1] A hair styling apparatus includes first and second arms, each having respective first and second ends. The first and second arms are pivotably coupled to each other at least at the first end of the first arm for selective, pivotal movement relative to each other to configure the hair styling apparatus between an opened position and a closed position. A heating assembly has a first and second end. The second end of the heating assembly is pivotably coupled to the second end of the first arm. The heating assembly includes a heat plate having a hair-heating surface. The heat plate is spaced from the first arm in both the opened position and the closed position of the hair styling apparatus to define an air gap therebetween.

IPC 8 full level  
**A45D 1/00** (2006.01); **A45D 1/02** (2006.01); **A45D 1/04** (2006.01); **A45D 1/06** (2006.01); **A45D 1/14** (2006.01); **A45D 1/28** (2006.01); **A45D 2/00** (2006.01); **A45D 2/40** (2006.01); **A45D 6/00** (2006.01)

CPC (source: EP US)  
**A45D 1/04** (2013.01 - EP US); **A45D 1/06** (2013.01 - EP US); **A45D 1/28** (2013.01 - EP US); **A45D 2/001** (2013.01 - EP US)

Citation (search report)  
• [X] US 2010147323 A1 20100617 - HAFEMANN KLAUS [DE]  
• [X] WO 2013164594 A1 20131107 - JEMELLA LTD [GB]  
• See references of WO 2016144623A1

Cited by  
US12102205B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 2016255936 A1 20160908**; AU 2016229376 A1 20170803; CN 107427116 A 20171201; CN 107427116 B 20210727; EP 3264935 A1 20180110; EP 3264935 A4 20190123; EP 3264935 B1 20210616; EP 3888485 A2 20211006; EP 3888485 A3 20211229; ES 2877431 T3 20211116; PL 3264935 T3 20211213; RU 2017134738 A 20190404; WO 2016144623 A1 20160915

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**US 201615054418 A 20160226**; AU 2016229376 A 20160302; CN 201680013871 A 20160302; EP 16762142 A 20160302; EP 21172428 A 20160302; ES 16762142 T 20160302; PL 16762142 T 20160302; RU 2017134738 A 20160302; US 2016020327 W 20160302