

Title (en)  
HAIR STYLING APPARATUS

Title (de)  
VORRICHTUNG ZUM HAARSTYLING

Title (fr)  
APPAREIL DE COIFFURE

Publication  
**EP 3355742 B1 20210804 (EN)**

Application  
**EP 16778092 A 20160921**

Priority  
• GB 201517311 A 20150930  
• GB 2016052946 W 20160921

Abstract (en)  
[origin: WO2017055811A1] The application describes hair styling apparatus (1) for creating volume in a user's hair. The hair styling apparatus (1) comprises a heating member, a cooling member adjacent to the heating member, thermal insulation between the cooling member and the heating member and a tensioning member projecting from the heating member. The heating member comprises a heating contacting surface for heating hair in contact with the heating member. The cooling member has a cooling contacting surface for cooling hair in contact with the cooling member and the cooling member is cooled by an active cooling mechanism. The tensioning member tensions a user's hair against the heating contacting surface to improve heat transfer into a user's hair and applies stress to a user's hair as the hair contacts the cooling contacting surface adjacent the heating contacting surface whereby the hair is styled to create volume.

IPC 8 full level  
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CPC (source: EP GB US)  
**A45D 1/00** (2013.01 - GB); **A45D 1/04** (2013.01 - EP GB US); **A45D 1/16** (2013.01 - EP GB US); **A45D 1/18** (2013.01 - EP GB US); **A45D 2/002** (2013.01 - GB); **A46D 1/00** (2013.01 - US); **A45D 2001/004** (2013.01 - GB US); **A45D 2200/155** (2013.01 - EP GB US); **A46B 2200/104** (2013.01 - US)

Citation (examination)  
• DE 202013103279 U1 20141023 - WIK FAR EAST LTD [HK]  
• US 5673710 A 19971007 - SCHAEFER NORBERT [DE], et al

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**GB 2016052946 W 20160921**; AU 2016329900 A 20160921; CN 201680058035 A 20160921; EP 16778092 A 20160921; ES 16778092 T 20160921; GB 201517311 A 20150930; US 201615764626 A 20160921