

Title (en)  
APPLICATOR FOR REPLACEMENT HAIR STRANDS

Title (de)  
APPLIKATOR FÜR ERSATZHAARSTRÄHNEN

Title (fr)  
APPLICATEUR POUR EXTENSIONS CAPILLAIRES

Publication  
**EP 3003084 B1 20170201 (DE)**

Application  
**EP 14723674 A 20140407**

Priority  
• AT 503762013 A 20130607  
• AT 2014050080 W 20140407

Abstract (en)  
[origin: WO2014194343A1] The invention relates to an applicator (1) for replacement hair strands, one end of the hair of which is embedded into a thermoplastic element. The applicator has a punch/die unit (5, 6), the mutually facing working profiled sections of which are adapted to the shape of at least one thermoplastic element. In order to ensure a fault-free, continuous hot-melt adhesion between a person's own hair strands and the replacement hair strands, the punch (6) is arranged on a pivoting head (10) which supports an additional punch (11) with substantially the same contours, wherein the punch (6) is provided with a heating device (12), and the additional punch (11) is provided with a cooling device (13).

IPC 8 full level  
**A41G 5/00** (2006.01)

CPC (source: AT EP RU US)  
**A41G 5/0086** (2013.01 - AT EP US); **A41G 5/00** (2013.01 - RU); **A41G 5/008** (2013.01 - EP US)

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)  
**WO 2014194343 A1 20141211**; AT 514859 A1 20150415; AT 514859 B1 20150715; AU 2014277632 A1 20151217;  
AU 2014277632 B2 20160825; BR 112015030136 A2 20170725; BR 112015030136 B1 20210921; CN 105392380 A 20160309;  
CN 105392380 B 20170503; DK 3003084 T3 20170508; EP 3003084 A1 20160413; EP 3003084 B1 20170201; ES 2623279 T3 20170710;  
HK 1221615 A1 20170609; HR P20170645 T1 20170630; HU E032913 T2 20171128; IL 242738 B 20190926; JP 2016520730 A 20160714;  
JP 6279720 B2 20180214; LT 3003084 T 20170510; PL 3003084 T3 20170731; PT 3003084 T 20170508; RU 2616149 C1 20170412;  
SA 515370207 B1 20170911; SG 11201509860W A 20151230; SI 3003084 T1 20170630; US 10433606 B2 20191008;  
US 2016128409 A1 20160512; ZA 201508820 B 20161221

DOCDB simple family (application)  
**AT 2014050080 W 20140407**; AT 503762013 A 20130607; AU 2014277632 A 20140407; BR 112015030136 A 20140407;  
CN 201480032617 A 20140407; DK 14723674 T 20140407; EP 14723674 A 20140407; ES 14723674 T 20140407;  
HK 16109774 A 20160816; HR P20170645 T 20170425; HU E14723674 A 20140407; IL 24273815 A 20151123; JP 2016517092 A 20140407;  
LT 14723674 T 20140407; PL 14723674 T 20140407; PT 14723674 T 20140407; RU 2015149953 A 20140407; SA 515370207 A 20151129;  
SG 11201509860W A 20140407; SI 201430211 A 20140407; US 201414896277 A 20140407; ZA 201508820 A 20151202