

Title (en)  
SYSTEM, APPARATUS, AND METHOD OF PROVIDING TATTOO FADING AND REMOVAL

Title (de)  
SYSTEM, VORRICHTUNG UND VERFAHREN ZUR BEREITSTELLUNG VON TÄTOWIERUNGSVERBLASSUNG UND -ENTFERNUNG

Title (fr)  
SYSTÈME, APPAREIL ET PROCÉDÉ PERMETTANT D'ESTOMPER ET D'ENLEVER UN TATOUAGE

Publication  
**EP 3368140 A4 20190703 (EN)**

Application  
**EP 16860893 A 20161028**

Priority  
• US 201562248721 P 20151030  
• US 2016059359 W 20161028

Abstract (en)  
[origin: CN108348741A] A retainer, system and method of tattoo removal including treating a tattooed region of skin with an oxidizing or bleaching solution activated by certain wavelengths of light may be provided. The method of tattoo removal may include applying a layer of removal solution to a tattooed region of skin; regulating a temperature of the layer of removal solution with a temperature control element; and exposing the layer of removal solution to a light source of pre-determined wavelength. Light of certain wavelengths may improve or supercharge the effects of certain pharmaceuticals or target chemicals and agents, creating a synergistic effect that may break down tattoo ink molecules and eliminate the appearance of tattoos in the skin of humans or other animals.

IPC 8 full level  
**A61N 5/06** (2006.01); **A61Q 1/14** (2006.01); **A61B 17/00** (2006.01)

CPC (source: EP US)  
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**A61Q 1/145** (2013.01 - EP US); **A61B 2017/00769** (2013.01 - EP); **A61K 2800/81** (2013.01 - EP US); **A61K 2800/87** (2013.01 - EP);  
**A61N 2005/063** (2013.01 - EP US)

Citation (search report)  
• [XYI] US 2013053757 A1 20130228 - O'NEIL MICHAEL P [US]  
• [Y] WO 2015027328 A1 20150305 - UNIV DALHOUSIE [CA]  
• See references of WO 2017075376A2

Designated contracting state (EPC)  
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CN 108348741 A 20180731; EP 3368140 A2 20180905; EP 3368140 A4 20190703; HK 1251188 A1 20190125

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CN 201680063671 A 20161028; EP 16860893 A 20161028; HK 18110527 A 20180816