

Title (en)  
DEVICE AND METHOD FOR GENERATING COLD PLASMA

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR ERZEUGUNG VON KALTEM PLASMA

Title (fr)  
DISPOSITIF ET PROCÉDÉ POUR GÉNÉRER UN PLASMA FROID

Publication  
**EP 2961438 A1 20160106 (EN)**

Application  
**EP 14710996 A 20140227**

Priority  
• IT BO20130087 A 20130228  
• IB 2014059300 W 20140227

Abstract (en)  
[origin: WO2014132216A1] A device (1 ) for generating cold plasma for treating a three-dimensional surface using a "dielectric barrier discharge" technique, comprises an electrode (4) connectable to a high-voltage generator (5) and a layer (3) of deformable dielectric material, having a first face coupled to the electrode (4) and a second face juxtaposable with the surface to be treated, the latter defining a counter-electrode; the electrode (4) is made from a liquid or semi liquid material with low electrical resistivity and the dielectric layer (3) is made from a material which is impermeable to that liquid.

IPC 8 full level  
**A61L 2/14** (2006.01); **A61L 2/00** (2006.01); **A61L 2/02** (2006.01); **A61L 9/22** (2006.01); **H05H 1/24** (2006.01)

CPC (source: EP US)  
**A61L 2/0011** (2013.01 - EP); **A61L 2/14** (2013.01 - EP); **H05H 1/2406** (2013.01 - EP US)

Citation (search report)  
See references of WO 2014132216A1

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DOCDB simple family (publication)  
**WO 2014132216 A1 20140904**; EP 2961438 A1 20160106; IT BO20130087 A1 20140829

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