

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

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 2014132216 A1 20140904; EP 2961438 A1 20160106; IT BO20130087 A1 20140829

DOCDB simple family (application)
IB 2014059300 W 20140227; EP 14710996 A 20140227; IT BO20130087 A 20130228