

Title (en)  
DEVICE FOR CREATING A LOCAL PLASMA AT THE LOCATION OF AN OBJECT

Title (de)  
VORRICHTUNG ZUR ERZEUGUNG EINES LOKALEN PLASMAS AN EINER OBJEKTSTELLE

Title (fr)  
DISPOSITIF DE PRODUCTION D'UN PLASMA FROID LOCAL A L'EMPLACEMENT D'UN OBJET

Publication  
**EP 1757173 A2 20070228 (EN)**

Application  
**EP 05752871 A 20050614**

Priority  
• NL 2005000434 W 20050614  
• NL 1026422 A 20040615

Abstract (en)  
[origin: WO2005125287A2] The invention relates to a device for creating a local cold plasma at the location of an object, said device at least comprising a high-frequency power source, a plasma chamber, a plasma discharge electrode disposed in said plasma chamber, which is electrically connected to said high-frequency power source, as well as a supply line for a plasma gas, which opens into the plasma chamber at a location near the plasma discharge electrode. The object of the invention is to provide an improved device as referred to in the introduction, which enables an improved control of the created plasma in relation to the object. To that end, the device according to the invention is characterized in that the device comprises adjusting means arranged for automatically orienting the plasma discharge electrode relative to the object.

IPC 8 full level  
**A61B 18/00** (2006.01); **A61C 5/02** (2006.01); **H05H 1/24** (2006.01)

CPC (source: EP US)  
**H05H 1/46** (2013.01 - EP US); **H05H 1/466** (2021.05 - EP); **H05H 2245/34** (2021.05 - EP US)

Citation (search report)  
See references of WO 2005125287A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
**WO 2005125287 A2 20051229; WO 2005125287 A3 20060803**; EP 1757173 A2 20070228; NL 1026422 C2 20051219

DOCDB simple family (application)  
**NL 2005000434 W 20050614**; EP 05752871 A 20050614; NL 1026422 A 20040615