

Title (en)  
COLD PLASMA HAND SET FOR PLASMA TREATMENT OF SURFACES

Title (de)  
KALTPLASMA-HANDGERÄT ZUR PLASMA-BEHANDLUNG VON OBERFLÄCHEN

Title (fr)  
APPAREIL PORTATIF A PLASMA FROID POUR LE TRAITEMENT DE SURFACES PAR PLASMA

Publication  
**EP 2016809 A2 20090121 (DE)**

Application  
**EP 07724599 A 20070426**

Priority  
• EP 2007003669 W 20070426  
• DE 102006019664 A 20060427

Abstract (en)  
[origin: DE102006019664A1] Plasma tool for production of a cold plasma stream with a plasma nozzle including a hollow body (4) for feeding the process gas, a frequency generator and at least one coil (6) or a coil containing adaptation network for production of a the required voltage. At least one coil of the network is integrated into the plasma nozzle.

IPC 8 full level  
**H05H 1/24** (2006.01); **H05H 1/30** (2006.01); **H05H 1/36** (2006.01)

CPC (source: EP)  
**H05H 1/30** (2013.01); **H05H 1/36** (2013.01); **H05H 2240/10** (2013.01); **H05H 2240/20** (2013.01); **H05H 2245/36** (2021.05); **H05H 2245/40** (2021.05)

Citation (search report)  
See references of WO 2007124910A2

Cited by  
DE202018005328U1; US10692704B2; US11735399B2; US11911090B2; US10765850B2; US11490947B2; US11724078B2; US10716611B2; US11439453B2

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**DE 102006019664 A1 20071031**; **DE 102006019664 B4 20170105**; EP 2016809 A2 20090121; EP 2016809 B1 20150701; ES 2548096 T3 20151013; PL 2016809 T3 20151231; PT 2016809 E 20151014; WO 2007124910 A2 20071108; WO 2007124910 A3 20090326

DOCDB simple family (application)  
**DE 102006019664 A 20060427**; EP 07724599 A 20070426; EP 2007003669 W 20070426; ES 07724599 T 20070426; PL 07724599 T 20070426; PT 07724599 T 20070426