

Title (en)  
Plasma nozzle

Title (de)  
Plasmadüse

Title (fr)  
Buse à plasma

Publication  
**EP 1067829 B1 20060517 (DE)**

Application  
**EP 00113748 A 20000629**

Priority  
DE 29911974 U 19990709

Abstract (en)  
[origin: US6262386B1] Plasma nozzle, in particular for pretreating surface, including a casing defining a nozzle channel which has an axis and a mouth and through which a working gas is passed, an electrode disposed coaxially in the nozzle channel, and a counter electrode surrounding the nozzle channel, wherein the mouth of the nozzle channel is angled relative to the axis thereof.

IPC 8 full level  
**H05H 1/34** (2006.01); **H05H 1/24** (2006.01)

CPC (source: EP US)  
**H05H 1/34** (2013.01 - EP US); **H05H 1/3463** (2021.05 - EP); **H05H 1/3478** (2021.05 - EP); **H05H 1/3463** (2021.05 - US);  
**H05H 1/3478** (2021.05 - US)

Cited by  
DE102015121253A1; DE102009008907A1; DE102015121252A1; DE102007024090A1; WO2017097694A1; DE102009008907B4;  
DE202007018327U1; DE202007018317U1; US7875356B2; WO2006117324A1; DE202008013560U1; DE102013103259A1; WO2014161843A1;  
DE102018132960A1; WO2020126543A1; US8361565B2; US10555411B2; WO2011113848A1; DE102010011643A1; DE102010011643B4;  
DE102021115020A1; WO2022258654A1; EP3082384B1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 6262386 B1 20010717**; AT E326827 T1 20060615; DE 29911974 U1 20001123; DE 50012751 D1 20060622; DK 1067829 T3 20060918;  
EP 1067829 A2 20010110; EP 1067829 A3 20030625; EP 1067829 B1 20060517; ES 2265312 T3 20070216; JP 2001068298 A 20010316;  
JP 4111659 B2 20080702; PT 1067829 E 20061031

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**US 61212300 A 20000707**; AT 00113748 T 20000629; DE 29911974 U 19990709; DE 50012751 T 20000629; DK 00113748 T 20000629;  
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