

Title (en)  
Inductively coupled plasma generator.

Title (de)  
Induktiv gekoppelte Plasmaquelle.

Title (fr)  
Générateur de plasma à couplage inductif.

Publication  
**EP 0568920 A1 19931110 (EN)**

Application  
**EP 93106923 A 19930428**

Priority  
US 87967892 A 19920507

Abstract (en)  
An inductively coupled plasma generator wherein actual power delivered to the load is measured and used to control output power. Means are provided for detecting generated RF voltage and current and multiplying these together to produce a continuous signal representative of actual RF power. Microprocessor means provides a signal representative of commanded power. These signals are compared to provide an error signal for controlling power delivered by the generator. Generator parameters are further monitored and plasma potential is maintained at zero potential with respect to ground to eliminate damage to the circuitry and instruments connected thereto. <IMAGE>

IPC 1-7  
**H05H 1/30**

IPC 8 full level  
**G01N 21/73** (2006.01); **H01J 49/10** (2006.01); **H05H 1/00** (2006.01); **H05H 1/30** (2006.01); **H05H 1/36** (2006.01); **H05H 1/46** (2006.01)

CPC (source: EP)  
**H05H 1/36** (2013.01)

Citation (search report)

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DE FR GB IT

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DOCDB simple family (application)  
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