

Title (en)  
Plasma generator device

Title (de)  
Gerät mit einem Plasmaerzeuger

Title (fr)  
Dispositif de génération de plasma

Publication  
**EP 0933982 B1 20061025 (DE)**

Application  
**EP 99890002 A 19990108**

Priority  
AT 13598 A 19980128

Abstract (en)  
[origin: EP0933982A2] Holding section (18) and cathode form part of the nozzle module (11), being handled with it. Clamped in a holder (1) the module has an axis perpendicular to that of the cathode. The contact pin (9) moves axially under spring-loading. The holder includes a detachable fastener (12) accepting the module (11) and also has a gas supply line (3) aligning with the radial inlet of the chamber.

IPC 8 full level  
**H05H 1/34** (2006.01); **B23K 9/00** (2006.01); **B23K 10/00** (2006.01); **H05H 1/24** (2006.01); **H05H 1/26** (2006.01)

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

Cited by  
US2022104337A1

Designated contracting state (EPC)  
CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0933982 A2 19990804; EP 0933982 A3 20020508; EP 0933982 B1 20061025**; AT 406243 B 20000327; AT A13598 A 19990815; CA 2260505 A1 19990728; CA 2260505 C 20071204; CZ 296337 B6 20060215; CZ 9900008 A3 20010613; DE 59913939 D1 20061207; ES 2273471 T3 20070501; US 6080955 A 20000627

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**EP 99890002 A 19990108**; AT 13598 A 19980128; CA 2260505 A 19990127; CZ 899 A 19990104; DE 59913939 T 19990108; ES 99890002 T 19990108; US 22898999 A 19990112