

Title (en)

Device, in particular plasma generating torch

Title (de)

Einrichtung, insbesondere Brenner, zur Erzeugung von Plasma

Title (fr)

Dispositif, notamment torche, pour la production de plasma

Publication

**EP 1168896 B1 20091230 (DE)**

Application

**EP 01112776 A 20010528**

Priority

AT 9412000 A 20000530

Abstract (en)

[origin: EP1168896A2] The plasma burner has at least one electrode (27) coupled to a current source providing a voltage potential for obtaining an arc (40) across a cathode-anode path (39), with the electrode or part of the cathode-anode path enclosed by a surrounding element (42) with a dished recess (43) defining a hollow chamber (41), closed at one side by the surface of the workpiece (37).

IPC 8 full level

**H05H 1/34** (2006.01)

CPC (source: EP US)

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

Cited by

FR3079774A1; WO2008061602A1; WO2019193297A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)

SI

DOCDB simple family (publication)

**EP 1168896 A2 20020102; EP 1168896 A3 20051221; EP 1168896 B1 20091230**; AT 413253 B 20051215; AT A9412000 A 20050515; AT E454029 T1 20100115; DE 50115283 D1 20100211

DOCDB simple family (application)

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