

Title (en)
PLASMA TORCH SYSTEM

Title (de)
PLASMABRENNERSYSTEM

Title (fr)
SYSTEME DE CHALUMEAU A PLASMA

Publication
EP 0904674 A1 19990331 (DE)

Application
EP 98919161 A 19980326

Priority
• DE 19713352 A 19970329
• EP 9801793 W 19980326

Abstract (en)
[origin: DE19713352A1] The invention relates to a plasma torch system comprising a high-frequency plasma torch with a plasma torch device, wherein a plasma flame can be produced by supplying high-frequency energy, in addition to comprising a processing chamber, wherein workpieces can be positioned in order to enable processing by said plasma flame. In order to create a universally applicable system, the plasma torch system is provided with a height adjustment device enabling regulation of a vertical distance between the plasma torch device pertaining to the high-frequency torch and the workpiece which is to be processed.

IPC 1-7
H05H 1/30

IPC 8 full level
H05H 1/30 (2006.01)

CPC (source: EP US)
H05H 1/30 (2013.01 - EP US)

Citation (search report)
See references of WO 9844765A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 19713352 A1 19981001; CA 2256566 A1 19981008; CA 2256566 C 20020205; DE 59812147 D1 20041125; EP 0904674 A1 19990331;
EP 0904674 B1 20041020; US 5998757 A 19991207; WO 9844765 A1 19981008

DOCDB simple family (application)
DE 19713352 A 19970329; CA 2256566 A 19980326; DE 59812147 T 19980326; EP 9801793 W 19980326; EP 98919161 A 19980326;
US 19910998 A 19981124