

Title (en)

DEVICE AND METHOD FOR CONTROLLING THE POWER SUPPLIED TO VACUUM VAPORIZATION SOURCES OF METALS AND OTHER

Title (de)

VORRICHTUNG UND VERFAHREN ZUR STEUERUNG DES VAKUUMVERDAMPFUNGSQUELLEN VON METALLEN UND ANDEREN ZUGEFUHRTEN STROMS

Title (fr)

DISPOSITIF ET PROCEDE POUR COMMANDER L'ENERGIE APPLIQUEE A DES SOURCES DE VAPORISATION SOUS VIDE DE METAUX ET AUTRES

Publication

**EP 1948840 A1 20080730 (EN)**

Application

**EP 05823891 A 20051115**

Priority

IT 2005000663 W 20051115

Abstract (en)

[origin: WO2007057925A1] The device includes at least one vaporization source (31) heated by Joule effect due to the passage of an electric current and a powering system of said at least one source, with a control circuit (101) of the power supplied to the source. This circuit includes an inverter, which supplies an essentially sinusoidal voltage to the source (31), the power being regulated by acting on the amplitude of the voltage supplied to the source.

IPC 8 full level

**C23C 14/26** (2006.01); **C23C 14/54** (2006.01)

CPC (source: EP)

**C23C 14/246** (2013.01); **C23C 14/26** (2013.01); **C23C 14/54** (2013.01); **H05B 1/0247** (2013.01)

Citation (search report)

See references of WO 2007057925A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2007057925 A1 20070524**; EP 1948840 A1 20080730

DOCDB simple family (application)

**IT 2005000663 W 20051115**; EP 05823891 A 20051115