

Title (en)

METHOD AND BEAM GENERATOR FOR CREATING A BUNDLED PLASMA BEAM

Title (de)

VERFAHREN UND STRAHLGENERATOR ZUR ERZEUGUNG EINES GEBUENDELTEN PLASMASTRAHLS

Title (fr)

PROCÉDÉ ET GÉNÉRATEUR DE FAISCEAU POUR LA PRODUCTION DE JETS DE PLASMA EN FAISCEAU

Publication

EP 2415331 B1 20130508 (DE)

Application

EP 10716497 A 20100324

Priority

- EP 2010053816 W 20100324
- DE 102009015510 A 20090402

Abstract (en)

[origin: WO2010112378A1] The invention relates to a method and a device for creating a plasma beam in a streaming working gas by means of arc discharge between two electrodes arranged spaced apart from one another in the stream of the working gas, wherein a voltage pulse, having a pulse frequency and an ignition voltage, is created for the arc discharge allowing the arc to extinguish between two successive voltage impulses.

IPC 8 full level

H05H 1/36 (2006.01); **H05H 1/42** (2006.01)

CPC (source: EP KR)

H05H 1/36 (2013.01 - EP KR); **H05H 1/42** (2013.01 - EP KR)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

DE 102009015510 A1 20101007; DE 102009015510 B4 20120927; CN 102379163 A 20120314; CN 102379163 B 20140611; EP 2415331 A1 20120208; EP 2415331 B1 20130508; JP 2012522888 A 20120927; JP 5871789 B2 20160301; KR 101308884 B1 20130923; KR 20120004972 A 20120113; WO 2010112378 A1 20101007

DOCDB simple family (application)

DE 102009015510 A 20090402; CN 201080014809 A 20100324; EP 10716497 A 20100324; EP 2010053816 W 20100324; JP 2012502577 A 20100324; KR 20117021906 A 20100324