

Title (en)
CLEANING OF A PROCESS CHAMBER

Title (de)
REINIGEN EINER PROZESSKAMMER

Title (fr)
NETTOYAGE D'UNE CHAMBRE DE TRAITEMENT

Publication
EP 2459767 A1 20120606 (DE)

Application
EP 10724707 A 20100528

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Abstract (en)
[origin: WO2011012185A1] The method for cleaning at least one component arranged in the inner region of a plasma process chamber by using a cleaning gas which comprises fluorine gas, the process chamber having at least one electrode and counter-electrode for producing a plasma for the plasma treatment, in particular the CVD or PECVD treatment, of flat substrates with a surface of over 1 m², is distinguished by the fact that the inner region is subjected to gaseous fluorine compounds with a partial pressure of greater than 5 mbar. In a further method V for cleaning at least one component arranged in the inner region of a process chamber by means of a cleaning gas which comprises fluorine gas, the process chamber having at least one electrode and counter-electrode for producing a plasma, in particular for the CVD or PECVD treatment, of flat substrates with a surface of over 1 m², it is provided that the fluorine gas is thermally activated by means of a temperature control medium, the component to be cleaned being at a temperature of < 350° C.

IPC 8 full level
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CPC (source: EP KR US)
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