

Title (en)

Method for cleaning a burner of a plasma coating installation and plasma coating installation

Title (de)

Verfahren zur Reinigung eines Brenners einer Plasmabeschichtungsanlage und Plasmabeschichtungsanlage

Title (fr)

Procédé de nettoyage d'un brûleur d'une installation de revêtement par plasma et installation de revêtement par plasma

Publication

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Application

**EP 14175216 A 20140701**

Priority

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Abstract (en)

[origin: CA2856500A1] The invention relates to a method of cleaning a torch of a plasma coating plant. The invention is based on a method of cleaning a torch (13) of a plasma coating plant in which the torch (13) is impinged by a cleaning agent (30) exiting from a cleaning nozzle (28) during an interruption of a coating process, this means during a phase in which no layer is applied onto a work piece. In this way spray material particles (32) adhering to the torch (13) are removed. In accordance with the invention the cleaning agent (30) is designed in such a way that it changes into a gaseous state after exiting the cleaning nozzle (28). The cleaning agent is, for example, dry ice, liquid nitrogen, liquid oxygen or liquid carbon dioxide.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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