

Title (en)

METHOD FOR PRODUCING A COATING, AND COATING

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER BESCHICHTUNG SOWIE BESCHICHTUNG

Title (fr)

PROCÉDÉ DE FABRICATION D'UN REVÊTEMENT, ET REVÊTEMENT

Publication

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Application

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Abstract (en)

[origin: WO2022073697A1] The invention relates to a method for producing a coating (12) in which: - a substrate (1) is provided; and - the substrate (1) is provided with a coating (12), in particular by means of atmospheric plasma spraying, with a plasma torch (2) having a torch nozzle (3) being used, by means of which torch a plasma jet (4) is generated from a supplied process gas (10), and with a supplied spraying material (5) being applied to the substrate (1) by means of the plasma jet (4) in order to obtain the coating (12), wherein the torch nozzle (3) is characterised by a nozzle diameter (D) or a minimum nozzle diameter (D) in the range of 4 mm to 8 mm, in particular 5 mm to 8 mm, preferably 5 mm to 7 mm, and wherein the process gas stream is at least 40 slpm. The invention further relates to a component comprising a substrate (1) and a coating (12).

IPC 8 full level

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