

Title (en)  
PLASMA SPRAY METHOD

Title (de)  
PLASMASPRITZVERFAHREN

Title (fr)  
PROCÉDÉ DE PROJECTION PLASMA

Publication  
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Application  
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Abstract (en)  
[origin: WO2013060552A1] The invention relates to a method for producing a coating using thermal spraying, in particular using plasma spraying, in which a component, in particular a cylinder liner with an alloy, is coated internally, a plasma nozzle (3), to which a plasma gas (5) and a transport gas (9) are fed, rotating about a wire (4) and being movable along a longitudinal axis of the borehole (16) so that the borehole (16) is coated as seen internally all around and in the axial direction of the borehole (16). The invention proposes a variable gas flow and/or a variable flow rate of the transport gas (9) and/or of the plasma gas (5), the flow rate along the axial length (x) of the borehole (16) that is to be coated being adjustable.

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