

Title (en)

METHOD FOR PRODUCING GAS-TIGHT LAYERS AND LAYER SYSTEMS BY MEANS OF THERMAL SPRAYING

Title (de)

VERFAHREN ZUR HERSTELLUNG GASDICHTER SCHICHTEN UND SCHICHTSYSTEME MITTELS THERMISCHEN SPRITZENS

Title (fr)

PROCEDE DE PRODUCTION DE COUCHES ETANCHES AU GAZ ET DE SYSTEME DE COUCHES PAR PULVERISATION THERMIQUE

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Application

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Abstract (en)

[origin: WO2006128424A1] The invention relates to a method for producing gas-tight layers and layer systems by means of a thermal spraying method. A layer is firstly applied by thermal spraying using a burner and is subjected to a subsequent thermal treatment by the same burner. This interruption-free method makes possible a simple and cost-effective production of gas-tight layers and layer systems having good adhesive properties. The method is particularly suited for producing fuel cell structures due to the fact that a gas-tight layer can be placed at any location in a layer system.

IPC 8 full level

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