Title (en)
METHOD FOR COATING A SUBSTRATE SURFACE USING A PLASMA BEAM

Title (de)
VERFAHREN ZUR BESCHICHTUNG EINER SUBSTRATOBERFLÄCHE UNTER VERWENDUNG EINES PLASMASTRAHLES

Title (fr)
PROCEDE DE REVETEMENT DE LA SURFACE D'UN SUBSTRAT AVEC UTILISATION D'UN JET DE PLASMA

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Application
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Abstract (en)
[origin: WO2005031026A1] The invention relates to a method for coating a substrate surface (4) using a plasma beam (2), by directing a beam (2) of a low temperature plasma at the substrate surface (4). A fine granular powder, forming the coating is added to the beam (2) in precisely metered amounts. The particle size of the fine powder or the powder mixture is preferably in the nanometre range, in particular, 1 to 10,000 nanometres. The powder can thus be applied with good bonding and with high service life.

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Citation (search report)
See references of WO 2005031026A1

Cited by
DE102011052119A1; DE102011052118A1; WO2013014212A2; DE102013111306A1; WO2015055486A1; WO2012065704A1; DE202012011217U1; EP2959992A1; DE102011052120A1; WO2013014211A2; WO2012123530A1; DE202013007063U1; DE202012011219U1; DE102011052121A1; WO2013014213A2; WO2013014214A2; US9580787B2

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