

Title (en)

METHOD OF SURFACE COATING BY SPRAYING PARTICLES USING A CRYOGENIC CARRIER FLUID

Title (de)

VERFAHREN ZUR OBERFLÄCHENBESCHICHTUNG DURCH SPRÜHPARTIKEL MIT EINER KRYOGENEN TRÄGERFLÜSSIGKEIT

Title (fr)

PROCÉDÉ DE REVÊTEMENT DE SURFACE PAR PROJECTION DE PARTICULES AU MOYEN D'UN FLUIDE VECTEUR CRYOGÉNIQUE

Publication

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Application

EP 12775802 A 20121001

Priority

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Abstract (en)

[origin: WO2013088007A1] The invention relates to a method for producing a coating, with a material (9), of at least one part of the surface of a substrate (6) by spraying particles of said material (9) toward the substrate (6) to be coated using a carrier fluid (8) containing a compound chosen from the gases of the air. According to the invention, said carrier fluid (8) is in the liquid state, at a pressure of at least 300 bar and at a temperature below 0° C. Associated surface treatment apparatus, especially apparatus for carrying out a method according to the invention.

IPC 8 full level

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