

Title (en)

METHOD FOR MANUFACTURING A PART COATED WITH A PROTECTIVE COATING

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES TEILS MIT EINER SCHUTZSCHICHT

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE PIÈCE REVÊTUE D'UN REVÊTEMENT PROTECTEUR

Publication

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Application

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Abstract (en)

[origin: WO2015092205A1] The invention relates to a method for manufacturing a part coated with a protective coating, the method comprising the following step: forming a protective coating on the outer surface of a part by micro-arc oxidation treatment, the part comprising a niobium matrix which contains metal-silicide insertions, the current passing through the part being monitored during the micro-arc oxidation treatment in order to subject the part to a series of current cycles, the ratio (amount of positive charge applied to the part) / (amount of negative charge applied to the part) being, for each current cycle, 0.80 to 1.6.

IPC 8 full level

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