

Title (en)
METHOD FOR GALVANICALLY COATING OF TI-AL ALLOYS

Title (de)
VERFAHREN ZUM GALVANISCHEN BESCHICHTEN VON TIAL-LEGIERUNGEN

Title (fr)
PROCEDE DE REVETEMENT GALVANIQUE D'ALLIAGES TIAL

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Application
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Abstract (en)
[origin: US2017016132A1] The present invention relates to a method for the coating of a surface of a TiAl alloy, in which at least one layer is electroplated on the surface of the TiAl alloy, wherein the surface of the TiAl alloy is subjected to an at least two-step surface treatment for the formation of a roughened surface, this treatment comprising at least one electrochemical processing and at least one electroless chemical processing.

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Citation (search report)
• [XY] US 2006032757 A1 20060216 - BREVNOV DMITRI A [US], et al
• [XI] DE 68902917 T2 19930422 - HUGHES AIRCRAFT CO [US]
• [Y] WO 2007059730 A2 20070531 - MTU AERO ENGINES GMBH [DE], et al

Cited by
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