Title (en)

JOINING AND MATERIAL APPLICATION METHOD FOR A WORKPIECE HAVING A WORKPIECE REGION COMPRISING A TITANIUM ALUMINIDE ALLOY

Title (de)

FÜGE- UND MATERIALAUFTRAGSVERFAHREN FÜR EIN WERKSTÜCK MIT EINEM WERKSTÜCKBEREICH AUS EINER TITANALUMINID-LEGIERUNG

Title (fr)

PROCÉDÉ D'APPLICATION DE JOINT ET DE MATÉRIAU POUR UNE PIÈCE COMPORTANT UNE ZONE CONSTITUÉE D'UN ALLIAGE Ti-Al

Publication

EP 2203271 A2 20100707 (DE)

Application

EP 08838018 A 20081010

Priority

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Abstract (en)

[origin: WO2009046699A2] The invention relates to a method for joining workpieces by bonding, wherein a workpiece region formed on a workpiece and made of a TiAl alloy and a workpiece region formed on another workpiece and made of a TiAl alloy, or a high-temperature material different from the TiAl alloy, are joined in a joining region using a joining additive, wherein the joining additive contains at least one of the elements of gallium and indium. The invention further relates to a method for applying material onto a workpiece, wherein an application material is applied onto a workpiece region made of a TiAl alloy in that a bonded connection is established between the application material and the workpiece region, wherein the application material contains at least one of the elements of gallium and indium and a filler.

IPC 8 full level

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Citation (search report)

See references of WO 2009046699A2

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