

Title (en)

METHOD FOR REPAIRING AN ALUMINIUM ALLOY COMPONENT

Title (de)

VERFAHREN ZUR REPARATUR EINES BAUTEILES AUS EINER ALUMINIUMLEGIERUNG

Title (fr)

PROCÉDÉ DE RÉPARATION DE COMPOSANT D'ALLIAGE D'ALUMINIUM

Publication

EP 2688708 B1 20150819 (EN)

Application

EP 12720582 A 20120326

Priority

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- IB 2012051434 W 20120326

Abstract (en)

[origin: WO2012127457A1] The invention refers to a method for the repair of an aluminium alloy component, in particular a precipitation- hardened aluminium alloy component, comprising the steps of: a) depositing by cold spray on said component to be repaired a portion of supplied material, thus obtaining a partially repaired component; b) subjecting said partially repaired component to a thermal treatment, thus obtaining a repaired component, the conditions of performance of said thermal treatment being selected according to the composition and dimensional tolerances of said component.

IPC 8 full level

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CPC (source: EP US)

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Cited by

US11898986B2; US11935662B2; US11662300B2

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DOCDB simple family (publication)

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