

Title (en)

METHOD AND DEVICE FOR LASER WELDING OF COMPONENTS MADE FROM SUPER ALLOYS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM LASERSCHWEISSEN VON BAUTEILEN AUS SUPERLEGIERUNGEN

Title (fr)

PROCEDE ET DISPOSITIF POUR SOUDER AU LASER DES COMPOSANTS EN SUPERALLIAGES

Publication

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Application

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Abstract (en)

[origin: WO2005099958A1] The invention relates to a method for laser welding super alloys, characterised in that the power of the laser (12) is controlled depending on the temperature of the welding bath and a device (10) for laser welding a super alloy, comprising a laser beam source (12), a process controller (30), a temperature recording unit (28) and a feed device (24) for additional materials, characterized in that the process controller (30) comprises a regulator (34), connected to the temperature recording unit (28) and the laser source (12).

IPC 8 full level

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