

Title (en)
METHOD FOR LASER BEAM GMA HYBRID WELDING OF HIGH-STRENGTH FINE-GRAINED COMPONENTS USING TARGETED INDUCTIVE HEAT CONDUCTION

Title (de)
LASERSTRAHL-MSG-HYBRID-SCHWEISSVERFAHREN VON HOCHFESTEN FEINKORNBAUTEILEN UNTER ANWENDUNG EINER GEZIELTEN INDUKTIVEN WÄRMEFÜHRUNG

Title (fr)
PROCÉDÉ DE SOUDAGE HYBRIDE LASER/MIG-MAG D'ÉLÉMENTS STRUCTURAUX À GRAINS FINS ET À HAUTE RÉSISTANCE, AVEC UNE CONDUCTION THERMIQUE PAR INDUCTION CIBLÉE

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Application
EP 17745670 A 20170714

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• EP 2017067863 W 20170714

Abstract (en)
[origin: WO2018033310A1] The invention relates to a method for laser beam GMA hybrid welding for undetachably joining two or more components made of a high-strength steel, wherein the region around the joining point is inductively heated to 100 °C to 300 °C, preferably a method for defense use, wherein the region around the joining is heated up to 150 °C to a maximum of 200 °C.

IPC 8 full level
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Citation (search report)
See references of WO 2018033310A1

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