

Title (en)
LASER BEAM WELDING DEVICE AND LASER BEAM WELDING METHOD

Title (de)
LASERSTRAHLSCHWEISSVORRICHTUNG UND LASERSTRAHLSCHWEISSVERFAHREN

Title (fr)
DISPOSITIF DE SOUDAGE PAR FAISCEAU LASER ET PROCÉDÉ DE SOUDAGE PAR FAISCEAU LASER

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Abstract (en)
[origin: WO2012143181A2] A laser beam welding device and a laser beam welding method for producing a weld, in particular an annular weld, on a component are proposed, wherein the laser welding device has a laser beam source and at least a first laser beam deflecting means and a second laser beam deflecting means, wherein the laser beam source is configured for producing a first laser beam, wherein the first laser beam deflecting means is configured for deflecting the first laser beam into a second laser beam, wherein the second laser beam deflecting means is configured for deflecting the second laser beam onto the component and wherein the first laser beam deflecting means is formed movably with respect to the second laser beam deflecting means. Also proposed are a laser beam welding device and a laser beam welding method for producing a weld, in particular an annular weld, on a component, comprising at least one laser beam source for producing a laser beam with a main direction of propagation, wherein the component is movably arranged, substantially perpendicularly to the main direction of propagation of the laser beam.

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