METHOD FOR MANUALLY LASER WELDING METALLIC PARTS

ABSTRACT OF THE DISCLOSURE

A method for welding a metal part with a laser that generates a laser beam, where the method includes manually feeding successive portions of a filler material adjacent the metal part and in a pathway of the laser beam, generating the laser beam for melting the filler material, and cooling the melted filler material for fusing the filler material to the metal part. The method further includes controlling an intensity of the laser beam based on a sensed position of a user's hand relative to the laser beam.

Figure 3