

ABSTRACT

A laser welding device includes a base having two support members to fix a first workpiece and a second workpiece. A positioning assembly positioned above the base includes a fixed clamp and two connecting pieces which are respectively located on both sides of the 5 fixed clamp. A laser device and a reflection assembly are respectively attached to the fixed clamp. The fixed clamp is connected to a support assembly. The reflection assembly includes a reflection mirror corresponding to the laser device. A drive assembly is attached to the support assembly of the laser device. A linkage rotation assembly is connected between the drive assembly and the connecting pieces of the positioning assembly. The positioning assembly 10 gathers two respective end faces of the first and second workpieces to proceed end-to-end welding operation by the laser device, the reflection assembly, and the linkage rotation assembly to the two respective end faces.

Fig 2

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