

Title (en)

METHOD AND INSTALLATION FOR HYBRID LASER/ARC WELDING USING A POWER-DIODE LASER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HYBRID-SCHWEISSEN UNTER VERWENDUNG EINES HOCHLEISTUNGSDIODENLASERS

Title (fr)

PROCEDE ET INSTALLATION DE SOUDAGE HYBRIDE LASER-ARC UTILISANT UN LASER A DIODES DE PUISSANCE

Publication

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Application

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Abstract (en)

[origin: WO0216071A1] The invention concerns a method for welding one or several metal components to be assembled by producing at least one weld joint on said metal components to be welded, said weld joint being obtained by using a laser beam and at least an electric arc, which consists in generating said laser beam using a power-diode laser device. The invention also concerns an installation for implementing the welding method. The invention is useful for welding abutted flanks designed to constitute at least part of a motor vehicle body component.

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