

Title (en)
METHOD FOR WELDING COMPONENTS

Title (de)
VERFAHREN ZUM VERSCHWEISSEN VON BAUTEILEN

Title (fr)
PROCÉDÉ DE SOUDAGE DE PIÈCES STRUCTURALES

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Application
EP 17731145 A 20170619

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Abstract (en)
[origin: WO2018001780A1] The invention relates to a method for welding components (1, 2) comprising the following steps: providing a first component (1) and a second component (2); bringing together the two components (1, 2); welding the two components (1, 2) by means of a laser beam (5), wherein a plurality of welding impulses are generated through the repeated activation and deactivation of the laser beam (5), with each welding impulse being interrupted by welding-free rest intervals in which the laser beam (5) is deactivated, wherein a local welding area (11-22) is generated by each welding impulse, in which material of the two components (1, 2) is melted and fused in a locally limited manner, wherein individual welding areas (11-22) of those generated by the welding impulses overlap.

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