

Title (en)

METHOD FOR WELDING SHEET METAL BODIES, AND A RESISTANCE ROLLER SEAM WELDING MACHINE

Title (de)

VERFAHREN ZUM SCHWEISSEN VON BLECHZARGEN UND EINE WIDERSTANDS-ROLLENNACHTSCHWEISSMASCHINE

Title (fr)

PROCÉDÉ DE SOUDAGE DE CADRES EN TÔLE ET MACHINE À SOUDER À LA MOLETTE EN LIGNE CONTINUE

Publication

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Application

**EP 18720598 A 20180426**

Priority

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Abstract (en)

[origin: WO2018197634A1] The invention relates to a method for welding overlapping edge regions (7',7'') of sheet metal bodies (7). Said method being characterized in that prior to welding the edge regions (7',7''), the edge regions are heated to a temperature T1 below the welding temperature by 200 °C for example in order to then be brought together and welded. Thus, an annealing of the microstructure of the sheet is achieved, and as a result, an excessive hardening of the welding seam, and the subsequent problems upon further processing, can be prevented. The device for carrying out the method comprises a heating zone which is arranged between the bending station and the welding station in order to heat the edge regions (7',7'').

IPC 8 full level

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