

Title (en)

METHOD FOR SUPPLYING VALUES OF PARAMETERS OF A HEAT SOURCE INTENDED TO CREATE A WELDED SEAM BETWEEN TWO PLATES, CORRESPONDING COMPUTER PROGRAM AND CORRESPONDING DEVICE

Title (de)

VERFAHREN ZUR BEREITSTELLUNG VON PARAMETERWERTEN EINER WÄRMEQUELLE ZUR ERZEUGUNG EINER SCHWEISSNAHT ZWISCHEN ZWEI PLATTEN, ENTSPRECHENDES COMPUTERPROGRAMM UND ENTSPRECHENDE VORRICHTUNG

Title (fr)

PROCEDE DE FOURNITURE DE VALEURS DE PARAMETRES D'UNE SOURCE DE CHALEUR DESTINEE A REALISER UN CORDON DE SOUDURE ENTRE DEUX PLAQUES, PROGRAMME D'ORDINATEUR ET DISPOSITIF CORRESPONDANTS

Publication

EP 4178753 A1 20230517 (FR)

Application

EP 21748912 A 20210702

Priority

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- FR 2021051210 W 20210702

Abstract (en)

[origin: WO2022008821A1] This method comprises: - receipt of a desired value of at least one spatial characteristic (L1, L2) of the welded seam (202); - determination of several samples of the parameters of the heat source (104); - for each sample, determination of a value for each spatial characteristic (L1, L2) of the welded seam (202) for this sample; - several successive iterations of the following steps: the determination of points, referred to as extrapolated points, from simulated points, determination of a point, referred to as target point, of the function, at which each spatial characteristic (L1, L2) of the welded seam (202) exhibits a value close to the desired value, and determination of a value for each spatial characteristic (L1, L2) of the welded seam (202) from the values of the parameters of the heat source (104) for the target point, so as to obtain a new simulated point; and - the supply of the values of the parameters of the heat source (104) of the target point obtained in the last iteration.

IPC 8 full level

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CPC (source: EP US)

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