

Title (en)

METHOD AND DEVICE FOR GENERATING A CAMERA IMAGE OF A WELDING SEAM FOR AN IMAGE PROCESSING-SUPPORTED LASER TRANSMISSION WELDING METHOD

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG EINES KAMERABILDES EINER SCHWEIßNAHT ZUM BILDVERARBEITUNGSGESTÜTZTEM LASERTRANSMISSIONSSCHWEIßEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE GÉNÉRATION D'UNE IMAGE DE CAMÉRA D'UN CORDON DE SOUDURE POUR UN PROCÉDÉ DE SOUDAGE PAR TRANSMISSION LASER ASSISTÉ PAR TRAITEMENT D'IMAGE

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Application

EP 21716260 A 20210322

Priority

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Abstract (en)

[origin: WO2021190705A1] The invention relates to a method for generating a camera image that is used to derive a welding contour along which an assembly (1) is to be welded in an image processing-supported laser transmission welding method. The method is characterized in that the transparent component (2) of the assembly (1) is illuminated from a side facing away from the camera (5). The invention also relates to a device which is suitable for carrying out the method, an illuminating device thereof having at least one light source (6) that is arranged in a workpiece holder (4), in which the assembly (1) to be welded is received in a receiving region (4.1), and is oriented towards the receiving region (4.1).

IPC 8 full level

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