

Title (en)

METHOD FOR CARRYING OUT MAINTENANCE WORK ON A COMPLEX STRUCTURAL COMPONENT

Title (de)

VERFAHREN ZUM DURCHFÜHREN VON WARTUNGSARBEITEN AN EINER KOMPLEXEN MONTAGEBAUGRUPPE

Title (fr)

PROCÉDÉ POUR LA MISE EN OEUVRE DE TRAVAUX DE MAINTENANCE SUR UN ENSEMBLE DE MONTAGE COMPLEXE

Publication

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Application

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Abstract (en)

[origin: WO2020030208A1] The invention relates to a method for carrying out maintenance work on a complex structural component (1), in particular, a gas turbine (1), by means of a virtual work environment (10). The virtual work environment (10) has a display device (11) and a computing device (12), said computing device (12) being connected to a memory device (14), in which the characteristics of the complex structural component (1), together with its component parts and their assembly sequence, are stored. During the method, at least one component part (6) needing maintenance, or a predefined modification state (20) of the structural component (1) is selected in the virtual work environment (10). From this step, the disassembly or assembly steps (15) required for disassembling or assembling the component parts (6) of the structural component (1) are calculated and displayed, in order to obtain access to the at least one component part (6) needing maintenance, or to achieve the selected modification state (20).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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