Title (en)

METHOD FOR PROVIDING INFORMATION ABOUT THE WEAR AND TEAR OF A COMPONENT OF A MACHINE AND METHOD FOR PROVIDING A REPLACEMENT ALGORITHM

Title (de)

VERFAHREN ZUM BEREITSTELLEN EINE INFORMATION ÜBER EIN VERSCHLEISS EINER KOMPONENTE EINER MASCHINE UND VERFAHREN ZUM BEREITSTELLEN EINES ERSATZALGORITHMUS

Title (fr)

PROCÉDÉ PERMETTANT D'OBTENIR UNE INFORMATION CONCERNANT L'USURE D'UN COMPOSANT D'UNE MACHINE ET PROCÉDÉ DE PRÉPARATION D'UN ALGORITHME ALTERNATIF

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Abstract (en)

[origin: WO2010118864A1] The invention relates to a method (400) for providing information about the wear and tear of a component (20) of a machine (35) or information about the quality of a product which is to be produced by the machine (10, 35). Said method comprises the following steps; an algorithm is provided (410) in a memory (80) of the machine (10), said algorithm being designed to provide information about the wear and tear of a component (20) of the machine (35) or information about the quality of a product which is to be produced by the machine (35), from the operational parameters of the machine (10, 35); a replacement algorithm (120) is received (420) by an interface of the machine (10, 35) and the algorithm is replaced in the memory (80) by the replacement algorithm (120), said replacement algorithm (120) being designed, when the machine is in operation, to provide information about the wear and tear of a component (20) of the machine (10, 35) or information about the quality of a product which is to be produced by the machine (10, 35), from the operational parameters of the machine (10, 35); a plurality of operational parameters of the machine (10, 35) are obtained (430) and information and output about the wear and tear of a component (20) of the machine (10, 30, 35) or information about the quality of a product which is to be produced by the machine (10, 30, 35) is determined (440) and output, said determination (440) being carried out using the replacement algorithm (120) and the obtained operational parameters.

IPC 8 full level

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