Title (en)

METHOD FOR OPTIMISING THE LIFE CYCLE OF MEASUREMENT DATA BASED ON THE RETROACTION DURING ASSEMBLING PROCESSES WHILST BEING PRODUCED

Title (de)

VERFAHREN ZUR RÜCKKOPPLUNGSBASIERTEN OPTIMIERUNG EINES MESSDATENLEBENSZYKLUS BEI FÜGEPROZESSEN IN DER FERTIGUNG

Title (fr)

PROCÉDÉ POUR OPTIMISER UN CYCLE DE VIE DE DONNÉES DE MESURE SUR LA BASE DE LA RÉTROACTION LORS DE PROCESSUS D'ASSEMBLAGE AU COURS DE LA FABRICATION

Publication

EP 2288537 A1 20110302 (DE)

Application

EP 10716314 A 20100413

Priority

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- US 16989109 P 20090416

Abstract (en)

[origin: US2011208340A1] A method for feedback-based optimisation of a measurement data life cycle in joining processes during production, comprising the following steps: 1) analysing and simulating production on the basis of assumptions, in particular on the basis of production data, in order to prepare an initial production strategy and/or inspection strategy, 2) preparing and/or adapting a production and/or inspection order, 3) checking the production and/or inspection order for consistency, 4) exporting and storing the production and/or inspection order, 5) aligning and/or joining a component made of at least two sub-assemblies in an assembly zone, 6) analysing and simulating production on the basis of actual measurement results and feedback of an optimised production and/or inspection order into method step 2), and 7) at least one repetition of method steps 2) to 6). The invention also relates to a device for carrying out the method.

IPC 8 full level

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