

Title (en)

METHOD FOR COMPUTER-SUPPORTED CONTROL OF PRODUCTION PROCESSES

Title (de)

VERFAHREN ZUR RECHNERGESTÜTZTEN STEUERUNG VON FERTIGUNGSPROZESSEN

Title (fr)

PROCEDE DE COMMANDE ASSISTEE PAR ORDINATEUR DE PROCESSUS DE PRODUCTION

Publication

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Application

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Abstract (en)

[origin: WO2004015599A1] The invention relates to a method for the computer-supported control of several production processes, overlapping in time and space, in particular construction processes. The aim of the invention is to describe a method for the computer-supported control of several production processes, overlapping in time and space, in particular construction processes, which permits a good exploitation of the capacity of a data processing unit with high flexibility. Said aim is achieved, whereby modifiable capacity descriptions are formulated in data sets for a second time in at least one further databank in a standardized data format according to capacity units (LE 1...n), whereby the capacity units (LE) have at least one databank reference and the databanks in the data format according to capacity positions (LV 1...n) have a relationship with the databanks in the data format according to capacity units (LE) in such a way that the data of capacity positions (LV) is bidirectionally linked thereto. Said capacity units (LE), corresponding to the progress of the capacity phases, may be altered whilst retaining the connectivity to the data of the capacity positions (LV) and the capacity descriptions (LB) may also be processed and represented in a manner based on the data format according to capacity units (LE) in the various input and output formats of the input and output units in the data processing unit (DVA).

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