

Title (en)
MODEL ASSEMBLY OF A PRODUCTION PLANT HAVING TRUE-TO-SCALE MODELS OF PRODUCTION DEVICES AND METHOD FOR ENTERING A SPATIAL ASSEMBLY OF PRODUCTION DEVICES INTO A COMPUTER-AIDED PLANNING PROGRAM

Title (de)
MODELLAUFBAU EINER FERTIGUNGSSTÄTTE MIT MASSSTABSGERECHTEN MODELLEN VON FERTIGUNGSEINRICHTUNGEN SOWIE VERFAHREN ZUR EINGABE EINES RÄUMLICHEN AUFBAUS VON FERTIGUNGSEINRICHTUNGEN IN EIN RECHNERGESTÜTZTES PLANUNGSPROGRAMM

Title (fr)
MODÉLISATION D'UN ATELIER DE FABRICATION AVEC DES MODÈLES À L'ÉCHELLE D'ÉQUIPEMENTS DE FABRICATION, AINSI QUE PROCÉDÉ DE SAISIE D'UNE MODÉLISATION SPATIALE D'ÉQUIPEMENTS DE FABRICATION DANS UN PROGRAMME D'ÉTUDE ASSISTÉE PAR ORDINATEUR

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Abstract (en)
[origin: WO2010086261A1] The invention relates to a method for factory planning and a model assembly (13) that is used to perform said method. According to the invention, the models (24, 25) of the model assembly are provided with information carriers (26) such as two-dimensional bar codes so that the position thereof can be determined by means of digital image processing after placement on the underlayment (14). Thus the real models (24, 25) can be used for concrete factory planning by means of a three-dimensional, real model, wherein it is possible to transfer the data arising in such a way into a planning program by means of the information carriers. Advantageously, the method of intuitive factory planning by means of real models and the method of factory planning by means of planning programs can be combined with each other in this way, wherein an efficient interface between both planning steps is created by means of the information carriers, wherein said interface enables in particular also interactive work with both planning methods.

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