

Title (en)
METHOD FOR PLANNING AND PRODUCING AN ASSEMBLED PRODUCT, PRODUCTION MODULE, AND PRODUCTION CONTROL

Title (de)
VERFAHREN ZUM PLANEN UND PRODUZIEREN EINES ZUSAMMENGESETZTEN PRODUKTS SOWIE PRODUKTIONSMODUL UND PRODUKTIONSSTEUERUNG

Title (fr)
PROCÉDÉ DE PLANIFICATION ET DE PRODUCTION D'UN PRODUIT COMPOSÉ AINSI QUE MODULE DE PRODUCTION ET COMMANDE DE PRODUCTION

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Application
EP 16711205 A 20160315

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Abstract (en)
[origin: WO2016150772A1] According to the invention, a product model data set (PI) with data for production steps (PST) to be carried out for the product (P) and sub-products thereof is generated and assigned to a product copy (VPE) to be produced. Data on a production step (PROD, ASSEMBLE) is read from the product model data set (PI), and a production module (PM1, PM2, PM3) which is available for carrying out the production step is ascertained. If the production step models a sub-product, a sub-product model data set (PPI1, PPI2) is generated using the product model data set (PI) and transmitted to the ascertained production module. If the production step is an assembly step (ASSEMBLE), each ascertained production module is entered into sub-product model data sets (PPI1, PPI2) as the transport destination (DEST) for the respective sub-product copy. If the production step can be carried out by the ascertained production module on a product copy (PE, PPE1, PPE2) provided at the production module, the production step is carried out, a transport destination (DEST) is ascertained for the product copy from the product model data set (PI), and the product copy is transported to the ascertained transport destination (DEST). Each of the sub-product model data sets (PPI1, PPI2) is then processed substantially in the manner of the product model data set (PI).

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Citation (examination)
• WO 2013134409 A1 20130912 - A 1 PACKAGING SOLUTIONS INC [US]
• DE 102008020167 A1 20090716 - SIEMENS AG [DE]
• US 2006079989 A1 20060413 - ISHII MASANOBU [US], et al
• See also references of WO 2016150772A1

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