

Title (en)  
DEVICE AND METHOD FOR THREE-DIMENSIONAL DIGITAL MODELLING

Title (de)  
VORRICHTUNG UND VERFAHREN FÜR DREIDIMENSIONALE DIGITALE MODELLIERUNG

Title (fr)  
DISPOSITIF ET PROCEDE DE MODELISATION NUMERIQUE EN TROIS DIMENSIONS

Publication  
**EP 3149631 A2 20170405 (FR)**

Application  
**EP 15726058 A 20150521**

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Abstract (en)  
[origin: WO2015181046A2] One aspect of the invention relates to a method for three-dimensional modelling of a component, the method comprising the following steps: a step wherein a user selects, by means of an interface, a three-dimensional reference model from a plurality of three-dimensional reference models which are stored in a digital storage warehouse, each three-dimensional reference model modelling a component, each component having a list of technical features, a step wherein the user selects, by means of the interface, at least part of the technical features of the list of technical features of said component, said at least part of the technical features having a first variability which ensures the functionality of said component, a step wherein the user inputs a value for each technical feature of said at least part of the technical features, a step wherein a computer checks the compliance of each value input by the user with respect to the first variability ensuring the functionality of the component and with respect to a second variability of said at least part of the technical features, the second variability ensuring the certifiability of the component, and, in the case of compliance of each value input by the user with respect to the first and second variabilities, a step of generating, by means of the computer, a particular digital model of the component, the functionality and the certifiability of which are ensured.

IPC 8 full level  
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