Title (en)
COMPUTER-SUPPORTED METHOD AND COMPUTER PROGRAM FOR EVALUATING THE QUALITY OF A MATERIAL STRAND

Title (de)
COMPUTERGESTÜTZES VERFAHREN UND COMPUTERPROGAM ZUR BEURTEILUNG DER QUALITÄT EINES MATERIALSTRANGS

Title (fr)
PROCÉDÉ ASSISTÉ PAR ORDINATEUR ET PROGRAMME D'ORDINATEUR POUR ESTIMER LA QUALITÉ D'UN CORDON DE MATIÈRE

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Abstract (en)
[origin: WO2017149123A1] The invention relates to a method for simulating the application of a material strand (10) onto a workpiece (14), in particular a strand of a viscous adhesive or sealant, by means of an application device which is moved along an application path (28) that runs on a surface (12) of the workpiece (14). Cross-section values (32) of the material strand (10) are assigned to application points (30) arranged on the application path (28) at specified distances to one another, said cross-section values characterizing the shape and size of the cross-sectional surface of the material strand (10), and the cross-section values (32) are ascertained at each application point (30) by means of a data processing unit (52) from a respective specified parameter set which contains parameters that influence the material application at each application point (30).

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G06F 17/50 (2006.01)

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