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(54) Title: METHOD FOR ADDITIVELY MANUFACTURING A COMPOSITE STRUCTURE

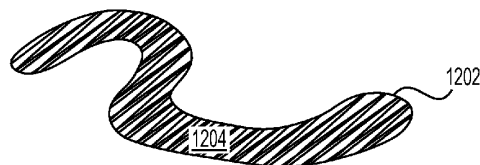


FIG. 9

(57) **Abstract:** A method is disclosed for additively manufactur-
ing a composite structure. The method includes receiving from a
user a sketch of a cross-section of the composite structure and a de-
sired height. The method includes automatically generating a virtual
model of the composite structure having a plurality of layers (1202),
each with a thickness related to the height. The method further in-
cludes receiving from the user at least one infill pattern (1204) for
at least one of the plurality of layers, and causing an additive man-
ufacturing machine to deposit a continuous fiber along segments of
the at least one infill pattern.