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(54) Title: PRINT HEAD FOR ADDITIVE MANUFACTURING SYSTEM

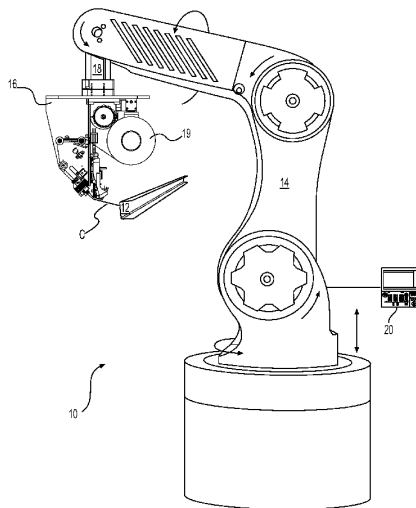


FIG. 1

(57) Abstract: A system (10) is disclosed for additively manufacturing a composite structure (12). The system may include a support (14), and a print head (16) operatively connected to and moveable by the support. The print head may include a supply of continuous reinforcement (19), an outlet (54) configured to discharge the continuous reinforcement, and a tensioning module (48) disposed between the supply and outlet. The tensioning module may be configured to generate a signal indicative of at least one of a tension in the continuous reinforcement and a position of a tensioning module. The system may also include a processor (20) programmed to selectively cause the supply to dispense the continuous reinforcement based on the signal.

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