

Abstract of the Disclosure

ADDITIVE MANUFACTURING SYSTEM IMPLEMENTING HARDENER PRE-
IMPREGNATION

A method is disclosed for additively manufacturing a composite structure. The method may include directing a continuous reinforcement into a print head, and coating the continuous reinforcement with a first matrix component inside of the print head. The method may further include coating the continuous reinforcement with a second matrix component, discharging the continuous reinforcement through a nozzle of the print head, and moving the print head in multiple dimensions during the discharging. The first and second matrix components interact to cause hardening of a matrix around the continuous reinforcement.

[FIG. 1]