

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
02 September 2021 (02.09.2021)



(10) International Publication Number
WO 2021/173754 A1

(51) International Patent Classification:

B29C 64/118 (2017.01) *B29C 64/264* (2017.01)
B29C 70/38 (2006.01) *B33Y 30/00* (2015.01)
B33Y 10/00 (2015.01) *B29C 64/321* (2017.01)
B29C 64/209 (2017.01) *B33Y 40/00* (2020.01)
B29C 64/218 (2017.01)

(21) International Application Number:

PCT/US2021/019533

(22) International Filing Date:

25 February 2021 (25.02.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/981,515	25 February 2020 (25.02.2020)	US
63/027,188	19 May 2020 (19.05.2020)	US
17/249,225	24 February 2021 (24.02.2021)	US

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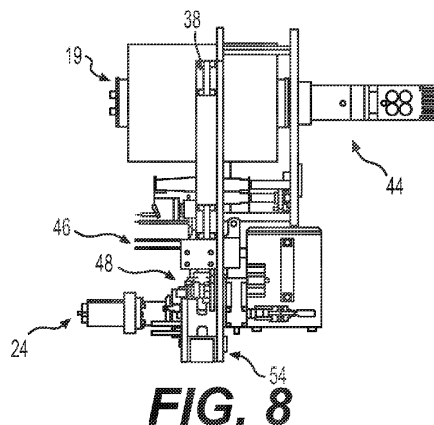
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(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN,
KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO,
NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW,
SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

(54) Title: ADDITIVE MANUFACTURING SYSTEM



(57) Abstract: An additive manufacturing system is disclosed for use in fabricating a structure. The additive manufacturing system includes a support and a print head operatively connected to and moveable by the support. The print head includes a housing (22), a supply module (44) operatively mounted to the housing and configured to hold a supply of continuous reinforcement, an impregnation module (48) operatively mounted to the housing and configured to wet the continuous reinforcement with a matrix, and a clamping module (46) operatively mounted to the housing downstream of the supply module relative to movement of a reinforcement through the print head. The clamping module is configured to selectively clamp the continuous reinforcement. A controller in communication with the support and the print head is configured to coordinate operations of the support and the print head to fabricate a three-dimensional structure.

[Continued on next page]

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

Published:

- *with international search report (Art. 21(3))*