

Title (en)
SYSTEMS AND METHODS FOR THE CONSTRUCTION OF STRUCTURES

Title (de)
SYSTEME UND VERFAHREN ZUR KONSTRUKTION VON STRUKTUREN

Title (fr)
SYSTÈMES ET PROCÉDÉS POUR LA CONSTRUCTION DE STRUCTURES

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Application
EP 19917751 A 20190306

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US 2019021030 W 20190306

Abstract (en)
[origin: WO2020180324A1] Material delivery systems as well as systems and methods relating thereto are disclosed. In an embodiment, the material delivery system includes a tank to hold water therein. In addition, the material delivery system includes a hopper to hold dry ingredients of the extrudable building material therein. Further, the material delivery system includes a mixing unit to receive water from the tank and dry ingredients from the hopper. The mixing unit includes an agitator to mix the water and the dry ingredients together to form the extrudable building material. Still further, the material delivery system includes a controller coupled to the agitator that is to: measure a load imparted to the agitator by the extrudable building material, add additional water to the mixing unit when the load is above a first threshold, and add additional dry ingredients to the mixing unit when the load is below a second threshold.

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Citation (search report)
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