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| (51) International classification             | :B28C0009040000,<br>B01F0013100000,<br>A47B0051000000,<br>G07F0013060000,<br>B29L0031000000 | (71)Name of Applicant :<br><b>1)Chandigarh Group of Colleges, Jhanjeri</b><br>Address of Applicant :State Highway 12A Jhanjeri, Sahibzada,<br>Ajit Singh Nagar, Punjab 140307, India. Punjab India |
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(57) Abstract :

The present invention relates to a customized pillar construction system comprising a user interface installed in a computing device associated with the system, a body 1 installed with plurality of chambers 5 for storing various sized metallic frames, a pneumatically operated telescopic gripper 10 configured in proximity to the body 1 to grip the frame and place the frame on a platform 9 having a hollow slot 7, plurality of containers 2, 3 storing water and cement supported on a pole 4 attached to the platform 9, a mixing vessel 6 having a motorized stirrer in order to form a mixture of the water and cement, a nozzle installed at a base portion of the vessel 6 to dispense the mixture inside the placed frame and a motor 8 configured between the platform 9 and the pole 4 for rotating the platform 9 in synchronization with the dispensed mixture.

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