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## Patent Search

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| Invention Title         | METHOD FOR PREPARATION OF PRECAST BUILDING SOLIDIFIED PANELS                   |
| Publication Number      | 07/2023  |
| Publication Date        | 17/02/2023   |
| Publication Type        | INA  |
| Application Number      | 202341005832   |
| Application Filing Date | 30/01/2023   |
| Priority Number         |  |
| Priority Country        |  |
| Priority Date           |  |
| Field Of Invention      | MECHANICAL ENGINEERING   |
| Classification (IPC)    | B24D0018000000, C04B0018240000, E04B0001040000, C04B0035634000, G01N0001280000 |

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### Abstract:

METHOD FOR PREPARATION OF PRECAST BUILDING SOLIDIFIED PANELS ABSTRACT A method (200) for preparation of a precast building solidified panel (110), the method comprising steps of: batching of waste materials (100) collected from various sources; mixing the waste materials (100) with a binding agent (106); pouring and casting mixture of the waste materials (100) with the binding agent (106) into a reinforcement mold (108) of a pre-defined three-dimensional shape; placing the casted mixture of waste materials (100) in the reinforcement mold (108) for a pre-defined amount of time to achieve a solidified panel (110); demolding the solidified panel (110) of the three-dimensional shape from the reinforcement mold (108); curing the solidified panel (110) in a first curing agent; and curing the solidified panel (110) in a second curing agent for preparing the precast building solidified panel (110). Claims: 10, Figures: 9 Figure 2 is selected.

### Complete Specification

Description: BACKGROUND

Field of Invention

[001] Embodiments of the present invention generally relate to building panels and particularly to a method for preparation of precast building solidified panels.

Description of Related Art

[002] With an alarming increase in globalization and urbanism, more and more land area is required to habitat humans and for a standard habitation, some basic requirements must be fulfilled. Those basic requirements are counted as food, clothes, and shelter. The shelter section is the part where humans tend to lack due to increase in price for constructing a home and materials that constitute for construction of that house. Materials used in the construction of the house are usually cement bricks, sand, iron bars, iron rods, ceramic ornamental things like tiles, sanitary wares, etc.

[003] Moreover, to avoid entangling in process of construction and furnishing, more people tend to live in pre-constructed or rented accommodation. Additional people prefer to travel from a nearby sub-urban city rather than living in a metro city. However, there rises a monetary aspect, where many people cannot afford houses to accommodate entire of their family, hence restricted to live in a small space. Still, to this date, many of the lower income group people, and daily wage workers are concentrated to live in kaccha houses and huts. These places are not comfortable and safe for a human to accommodate. They lack facility of basic security, and other necessities such as an electricity supply, a water supply, a storage location for valuable items and so forth.

[004] There is thus a need for an improved and advanced method for preparation of precast building solidified panels that can administer the aforementioned limitations in a more efficient manner.

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Page last updated on: 26/06/2019