

Title (en)
THE LARGE-SIZE PREFABRICATED CONSTRUCTION SEGMENT, THE METHOD OF ITS PRODUCTION AND THE METHOD OF BUILDING A BUILDING WITH A PREFABRICATED SEGMENTAL CONSTRUCTION

Title (de)
GROSSES FERTIGBAUSEGMENT, VERFAHREN ZU DESSEN HERSTELLUNG UND VERFAHREN ZUM BAU EINES GEBÄUDES MIT EINEM FERTIGBAUSEGMENT

Title (fr)
SEGMENT DE CONSTRUCTION PRÉFABRIQUÉ DE GRANDE TAILLE, PROCÉDÉ DE PRODUCTION DE CELUI-CI ET PROCÉDÉ DE CONSTRUCTION D'UN BÂTIMENT AVEC UNE CONSTRUCTION SEGMENTAIRE PRÉFABRIQUÉE

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Application
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Abstract (en)
[origin: WO2018128556A1] A large-size prefabricated construction segment comprising - separated from each other by spacing inserts, an external cladding and an internal cladding, between which there is a polyurethane foam filling, wherein the claddings (3) are boards whose edges along at least one side protrude beyond the outline of the filling (6), with the filling (6) protruding beyond the outline of the claddings (3) along the other sides, and the spacing inserts (2) are provided in the form of through fittings fixed between the mounting holes (3a) in the claddings (3). Preferably, the cable and installation trays (4) are fixed to the internal cladding (3) from the side of the filling (6). The invention also relates to a method for manufacturing a large-size prefabricated construction segment and to a method for erecting a building with a segment structure consisting in joining prefabricated construction elements in the direction and sequence specified in the assembly diagram, wherein side walls (12) are successively arranged made of lap connected segments. Preferably a steel wire is provided in the engagement hole (7), which is anchored in the external walls of the building.

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