Title (en)

INTEGRAL PREFABRICATION SYSTEM WITH FRAME STRUCTURE FEATURING FINISHED LIGHTWEIGHT COMPONENTS

Title (de)

INTEGRIERTES FERTIGBAUSYSTEM MIT MIT VERSTÄRKUNGSSTRUKTUR VERSEHENEN LEICHTBAUTEILEN

Title (fr)

SYSTEME INTEGRAL DE PREFABRICATION COMPRENANT UNE STRUCTURE CARACTERISEE PAR DES COMPOSANTS FINIS LEGERS

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Application

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Priority

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Abstract (en)

[origin: WO0250382A1] An integral prefabrication system with frame structure featuring finished lightweight components comprising: internal parting walls (11) spaced to form an apartment module with incorporated portal for supporting the floors, filler panels (12) with top beam for horizontal earthquake-proof joints (17), storey floors (22) and roof floors (25) spanning the parting walls to form a rigid surface, portals (26) and bracing elements (27). According to the invention the horizontal joints of the rigid surface, the continuity of the vertical reinforcement and the seismic resistance of the bracing elements are obtained by the injection of shrink-resistant material in the recesses provided (32) and by means of connection devices (31).

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