

Title (en)  
CONSTRUCTION SYSTEM FOR A BUILDING MODULE

Title (de)  
BAUSYSTEM FÜR EIN BAUMODUL

Title (fr)  
SYSTEME DE CONSTRUCTION POUR UN MODULE D'UN BATIMENT

Publication  
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Application  
**EP 18830387 A 20180928**

Priority

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Abstract (en)  
[origin: CA3077417A1] The present invention relates to a construction system for a building module, the principal elements of which are made of recycled plastic material and which is suitable for simply and rapidly producing a solid structure. Said system comprises a set of main beams (1) which can be assembled end-to-end to form an open structure in the shape of a three-dimensional rectangular frame. The system further comprises intermediate secondary beams (11) which can be assembled between parallel and opposite main beams, and flat facade elements (3) which can be inserted, one against the other, between two adjacent parallel beams. Every facade element (3) comprises a flat rectangular panel having two opposite folded-in edges designed to engage with adjacent parallel beams. Every main beam has a rectangular cross-section and, on all four sides, has a projecting portion (21) that is parallel to the side and spaced apart therefrom such that an opening is left for receiving a folded-in edge of a flat facade element. Every secondary beam (11) has at least one projecting portion on at least two opposite sides, which portions leave an opening for receiving a folded-in edge of a flat facade element (3).

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