

Title (en)
MODULAR CONSTRUCTION SYSTEM

Title (de)
MODULARES BAUSYSTEM

Title (fr)
SYSTEME DE CONSTRUCTION MODULAIRE

Publication
EP 3575508 A1 20191204 (EN)

Application
EP 19176994 A 20190528

Priority
IT 201800005773 A 20180528

Abstract (en)
Panel (10; 20; 30) for modular construction of a housing module or prefabricated building comprising:- at least one corrugated element (1) having a perimetral edge;- at least one insulating sheet (2) having a perimetral edge, shaped to be coupled to the corrugated element (1) with the respective perimetral edge substantially adjacent to the perimetral edge of said at least one corrugated element (1), in a coupling configuration;- at least one interlocking profiled element (3; 4; 7) configured to block said coupling configuration between the corrugated element (1) and the insulating sheet (2), wherein said at least one interlocking profiled element (3; 4; 7) comprises at least one substantially U-shaped cross section, comprising at least one longitudinal connection base (33; 43; 73) comprised between two lateral restraining wings (31, 32; 41, 42; 71, 72), delimiting with the connection base (33; 43; 73) one housing seat (34; 44; 74) for said coupling of said at least one corrugated element (1) with said at least one insulating sheet (2), said at least one profiled element (3; 4; 7) being also shaped so as to delimit at least one coupling portion (35; 45 ; 75) configured to provide a shape coupling with a corresponding coupling portion (35; 45; 75) of another panel (10; 20; 30) adjacent, in a connection configuration between two panels.

IPC 8 full level
E04C 2/38 (2006.01); **E04C 2/34** (2006.01)

CPC (source: EP)
E04C 2/384 (2013.01); **E04C 2/292** (2013.01); **E04C 2002/3455** (2013.01)

Citation (search report)

- [X1] WO 2007057513 A1 20070524 - PIIKKIO WORKS OY [FI], et al
- [XAI] ES 1017604 U 19920101
- [A] US 4037379 A 19770726 - OZANNE LEROY

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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