

Title (en)

STRUCTURE FOR MODULAR PREFABRICATED FORMS

Title (de)

STRUKTUR FÜR MODULARE VORGEFERTIGTE SCHALUNGEN

Title (fr)

STRUCTURE POUR DES FORMES MODULAIRES PRÉFABRIQUÉES

Publication

EP 1718820 B1 20170510 (EN)

Application

EP 04804970 A 20041221

Priority

- EP 2004053636 W 20041221
- IT SV20030051 A 20031223

Abstract (en)

[origin: WO2005064099A1] A structure for modular prefabricated poured concrete forms for making vertical walls, comprising a frame made of at least two studs or joists (2, 2<'>, 2<">)< >for supporting at least one panel (3) or a plurality of adjacent panels (3), which studs or joists (2, 2<'>, 2<">)< >are at such a distance from each other that each panel (3) has at least two opposite edges abutting against said two studs or joists (2, 2<'>, 2<">)< >and each abutting edge of each panel (3) has a stepped cross section (203) and the surface of each stud or joist (2, 2<'>, 2<">)< >against which a panel edge abuts has a complementary stepped cross section (202<'>, 202<">), so that the edge of the panel (3) is fully superimposed on the side of the stud or joist (2, 2<'>, 2<">) against which it abuts. Each abutting edge has a stepped cross section which is integral with the panel or is made by a strip consisting in a pre-shaped element (5) which is secured to the panel peripheral edges by means of adhesive of by chemical/physical bonding. The invention may be also used for making prefabricated vertical and/or horizontal walls, columns and/or pillars, as well as prefabricated shelters or enclosures, that may be wholly or partly closed or partly open, or like vaults, tunnels or the like. Also a method for building a modular prefabricated wall particularly for a form for poured concrete is provided.

IPC 8 full level

E04B 1/08 (2006.01); **E04G 9/02** (2006.01)

CPC (source: EP)

E04G 9/02 (2013.01); **E04G 2009/023** (2013.01); **E04G 2009/025** (2013.01)

Citation (examination)

- US 3650795 A 19720321 - WILLINGHAM JOHN H
- US 6148575 A 20001121 - DINGLER GERHARD [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005064099 A1 20050714; EP 1718820 A1 20061108; EP 1718820 B1 20170510; IT SV20030051 A1 20050624

DOCDB simple family (application)

EP 2004053636 W 20041221; EP 04804970 A 20041221; IT SV20030051 A 20031223