

Search history

Search 1: FT=(formwork* and cassette*) (Results 4)

1) Family number: 3272120 (US5125618A)

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Title: CASTING FORMWORK

Abstract: PCT No. PCT/NO90/00024 Sec. 371 Date Oct. 1, 1990 Sec. 102(e) Date Oct. 1, 1990 PCT Filed Feb. 1, 1990 PCT Pub. No. WO90/08868 PCT Pub. Date Aug. 9, 1990. Formwork structure for erecting continuous surfaces on one or both sides of a casting cavity. A formwork member with a plurality of openings defines the surface of the casting cavity. Form stays (32) extend through the openings in the formwork member surface into the casting cavity. Formwork stiffening members are located adjacent to the formwork member surface outside the casting cavity. The formwork members are arranged to define longitudinal and transversal mutually crossing channels with openings for receiving the form stays. The formwork members define the walls and base of the channels, which open outwardly away from the casting cavity. Side plates are connected to the formwork members at the edge of the formwork structure to create substantially rectangular structures. A rod-shaped connecting member is used to join adjacent sections of formwork structure. Arm crosses with a central opening for receiving the form stays are located in the crossing channels. The arm crosses have abutment projections which contact the base of the channel.

Classifications:

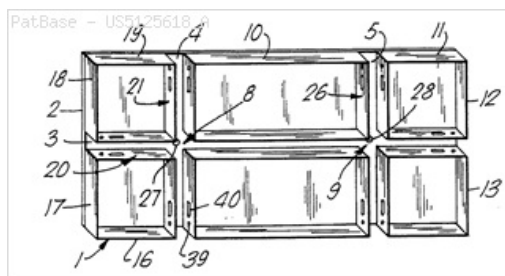
International (IPC 8-9): E04G11/00 E04G11/08 E04G11/12 E04G17/02 E04G17/04 E04G17/075 E04G9/00 E04G9/02 E04G9/04 (Advanced/Invention); E04G17/02 E04G9/00 (Advanced/Non-invention); E04G11/00 E04G17/02 E04G17/04 E04G17/06 E04G9/00 E04G9/02 (Core/Invention)

International (IPC 1-7): E04G11/00 E04G11/08 E04G17/04 E04G17/065 E04G9/02

CPC: E04G9/02 E04G11/12

European: E04G11/12 E04G9/02

US: 249/190 249/192 249/195 249/216 249/219.1 249/43 249/44 249/47



Family:

Publication number	Publication date	Application number	Application date
AT76470 E	19920615	AT19900902402T	19900201
AU199050253 A1	19900824	AU19900050253	19900201
BRPI9004953 A	19910806	BR1990PI04953	19900201
CA2026572 AA	19901001	CA19902026572	19900201
DE69000109 D1	19920625	DE19906000109	19900201
DK162903 B	19911223	DK19900002325	19900926
DK162903 C	19920518	DK19900002325	19900926
DK232590 A	19900926	DK19900002325	19900926
DK232590 A0	19900926	DK19900002325	19900926
EP0409947 A1	19910130	EP19900902402	19900201
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FI904835 A0	19901001	FI19900004835	19901001
FI91182 B	19940215	FI19900004835	19901001
FI91182 C	19940525	FI19900004835	19901001
JP3503917 T2	19910829	JP19900502733T	19900201
NO166141 B	19910225	NO19890000446	19890203
NO166141 C	19910605	NO19890000446	19890203
NO890446 A	19900806	NO19890000446	19890203
NO890446 A0	19890203	NO19890000446	19890203
NO890446 L	19900806	NO19890000446	19890203
US5125618 A	19920630	US19900576476	19901001
WO9008868 A1	19900809	WO1990N000024	19900201

Priority:

NO19890000446 19890203 EP19900902402 19900201 WO1990N000024 19900201

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Assignee(s): ARNFINN SAERVOLL ; SAERVOLL ARNFINN HUNSTADMOEN NO

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Inventor(s): ARNFINN SAERVOLL ; SAERVOLL ARNFINN HUNSTADMOEN NO

Agent(s): ROGERS AND SCOTT

Designated states: AT AU BB BE BF BG BJ BR CA CF CG CH CM DE DK ES FI FR GA GB HU IT JP KP KR LI LK LU MC MG ML MR MW NL NO RO SD SE SN SU TD TG US

Title: SELF-CLIMBING PERIMETRIC PROTECTION SYSTEM FOR CONSTRUCTION WORKS IN BUILDINGS

Abstract: The invention relates to a self-climbing perimetric protection system with at least one module comprising two masts (1) spaced out from one another and formed by two vertical channel irons (1) with U-shaped cross section between which pairs of support elements (6, 7) are immobilized in different horizontal planes; a protection panel (2) attached to the masts; pairs of anchors (4) comprised by respective anchoring frames (11) coupled to guiding heads (10) each comprising two mobile horizontal claws (16) which, in the closed position, brace the mast (1); and a rotational bearing rocker (13, 13') in a vertical plane between a position in which its front part (13) is rotated and supports a support element (6, 7) and a position in which it is rotated downwardly in which it allows the passage of the support elements (6, 7), the pairs of anchors being immobilized at different heights in a part of a building (5, 9) in which they support a pair of support elements (6, 7).

Classifications:

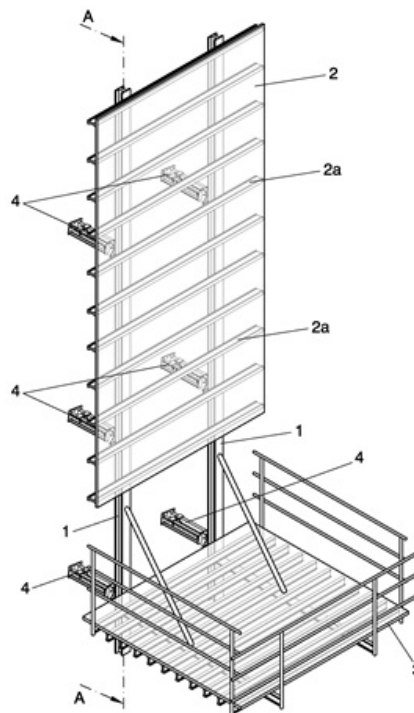
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International (IPC 1-7): H04B7/26 H04L1/16 H04L9/32
CPC: H04W24/00 H04B1/1027 H04B7/024 H04L1/20 H04L5/0007 H04W24/10 H04L1/0061 H04W28/24 H04W28/02 H04W72/1242 H04B17/26 H04B17/309 H04B17/318 H04B17/345 E04G21/3219 E04G21/16 H04W72/042 H04L1/1812 H04W72/1278 H04W74/08 H04W72/04 E04G11/28 E04G2003/286 H04W36/0038 H04W36/0055 H04L63/0876 H04L2463/061 H04W12/06 Y02D70/1224 Y02D70/1242 Y02D70/1262 Y02D70/1264 Y02D70/142 Y02D70/144 Y02D70/146 Y02D70/162 Y02D70/164 Y02D70/23 Y02D70/25 E04G21/166 E04G21/3247 H04W74/0833 H03M13/09 H03M13/29 H04L1/0041 H04L1/0073 H04L2001/125 H04W12/04 H04W28/04 H04W72/0413 H04L5/0048 H04W12/00512 Y02D70/00

European: E04G21/16 E04G21/32B4 H04L1/00B3 H04L1/00B7E H04L1/00B8F H04W28/24 T04L1/12E T04W28/02 T04W28/04 T04W72/04F2 T04W72/12B6

US: 1/1 160/368.1 160/368.100P 455/411

PatBase - US2011214824_AA

**Family:**

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Priority:

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US20110582887	20110305				

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZS ZM ZW

3) Family number: 29598654 (GB8926316A)

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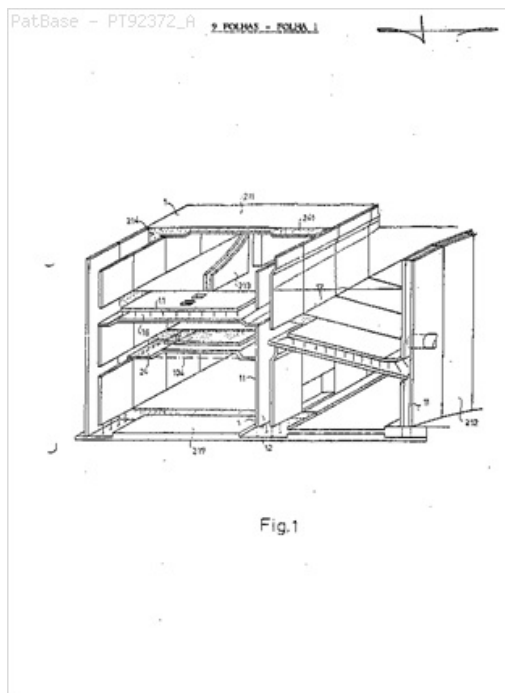
Title: REINFORCED CONCRETE SUPPORTING STRUCTURE MADE OF SLABS,A PROCESS FOR REALISING IT,AND A REINFORCED CONCRETE PANEL,A FORMWORK TRAY AS WELL AS A PROCESS FOR THE

Abstract: Double-skinned permanent formwork has at least one corrugated skin 11A and the skins spaced by spaces 133. Structures are formed by spanning the joint 14 between adjacent panels with reinforcement 243 and filling the structure with concrete. A mould framework (Fig. 11, not shown) allows a first skin 11 to be cast together with projecting spacers 133. This is then inverted and suspended from the top of the framework 31 whilst the other skin is cast. Various underground structures including retaining walls and reservoirs are disclosed.

Classifications:

International (IPC 8-9): E04B1/16 (Advanced/Invention); E04B1/16 (Core/Invention)

International (IPC 1-7): E02B E02D23/00 E02D27/00 E02D29/2 E02D5/20 E04B1/04 E04B1/16 E04B2/86 E04C2/30 E04C3/00 E04G11/0 E04G21/14 E21D11/04



Family:

Publication number	Publication date	Application number	Application date
DE3936050 A1	19900607	DE19893936050	19891028
ES2020739 AF	19910916	ES19890003982	19891122
FR2639388 A1	19900525	FR19890014898	19891114
GB2226061 A1	19900620	GB19890026316	19891121
GB8926316 A0	19900110	GB19890026316	19891121
GR890100754 A	19901231	GR19890100754	19891115
HU3533 A1	19910328	HU19880005988	19881122
LU87620 A	19900313	LU19890087620	19891115
PT92372 A	19900531	PT19890092372	19891122

Priority:

HU19880005988 19881122

Probable Assignee: BETON ES VASBETONIPARI MUEVEK

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Assignee(s): GUENTER HOTZ ; MELYPITESI TERVEZOE VALLALAT HU ; BETON ES VASBETONIPARI MUEVEK BUDAPEST HU ; BETON ES VASBETONIPARI MUEVEK HU ; BETON ES VASBETONIPARI MUEVEK ; MELYPITESI TERVEZOE VALLALAT ; HOTZ GUENTER DE ; HOTZ GUENTER 5276 WIEHL DE

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Inventor(s): ZAJZON GEZA HU ; GUENTER HOTZ ; ZAJZON GEZA DIPL ING DR BUDAPEST HU ; HOTZ GUENTER DIPL ING 5376 WIEHL DE ; HOTZ GUENTER DIPL ING ; TIMAR PETER DIPL BAUING ; TIMAR PETER HU ; KREPART JANOS DIPL ING DUNAHARASZTI HU ; KREPART JANOS HU ; KERTESZ ADAMNE DIPL BAUING ; KERTESZ ADAMNE HU ; HOTZ GUENTER DE ; GUENTER HOETZ ; DR GEZA ZAJZON ; ADAMIS GEZA DIPL BAUING ; ADAMIS GEZA HU

4) Family number: 53002989 (WO13019134A1)

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Title: BUILDING STRUCTURE OF PRE-CAST MONOLITHIC WALLS AND INTERFLOOR SLABS

Abstract: The invention relates to a building structure comprising composite floor slabs and pre-cast wall panels. The floor slabs comprise a styrofoam block (1) having longitudinal (2) and transverse channels (3) cut into an upper surface, the channels are provided with reinforcement and spacers therefor and are filled to first depth with concrete. Such a pre-cast slab may be transported to a building site and the floor structure finished by applying a reinforcing mesh and additional concrete. The pre-cast wall panels comprising a plurality of insulating formwork building blocks made of light concrete provided with cavities and channels, some of which are cast with vertical and horizontal reinforced concrete.

Classifications:

International (IPC 8-9): E04B2/18 E04B2/24 E04B2/86 E04B5/18 E04B5/19 E04B5/21 E04B5/23 E04B5/38 E04C1/41

E04C2/288 (Advanced/Invention)

CPC: E04B5/19 E04B2/18 E04B2/24 E04B2/8629 E04B5/21 E04B5/38 E04C2/288 E04C2/06



Family:

Publication number	Publication date	Application number	Application date
CN103797197 A	20140514	CN201180072656	20110901
CN103797197 B	20160907	CN201180072656	20110901
EP2739799 A1	20140611	EP20110813460	20110901
IN00370MN2014 A	20150116	IN2014MN00370	20140227
RS20110350 A1	20130228	RS20110000350	20110803
RS54106 B1	20151030	RS20110000350	20110803
WO13019134 A1	20130207	WO2011RS00013	20110901

Priority:

RS20110000350 20110803 WO2011RS00013 20110901

Probable Assignee: KEKANOVIC MILAN

Assignee(s): (std): KEKANOVIC MILAN

Inventor(s): (std): KEKANOVIC MILAN

Agent(s): VLAHOVIC SLOBODAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ OM NE NG NI NO NZ OM PE PG PH PL PT QA RO RS RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW