

Search history

Search 1: FT=(structure* and collapsible* and height* and node* and pod* and building) (Results 277)

Search 2: FT=(structure* and collapsible* and height* and node* and pod* and building) and IC=(E04B) (Results 6)

Search 3: FT=(structure* and collapsible* and height* and node* and pod* and building) and IC=(E04B or E04H) (Results 9)

1) Family number: 30739073 (US2005060951A)

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Title: FOLDABLE, EXPANDABLE FRAMEWORK FOR A VARIETY OF STRUCTURAL PURPOSES

Abstract: A foldable, deployable framework for a structure has a lower hub having a first central axis, sets of tracks, masts, and rafters connected pivotally to the lower hub, to one another, and to an upper hub in a manner that allows the framework to be folded into one, two or three small packages, and to be deployed into a structural frame supporting floors, walls, and roof for an enclosed structure. In different versions folding and deployment is accomplished in a different way. Structures based on the framework can be made for many and varied purposes.

Classifications:

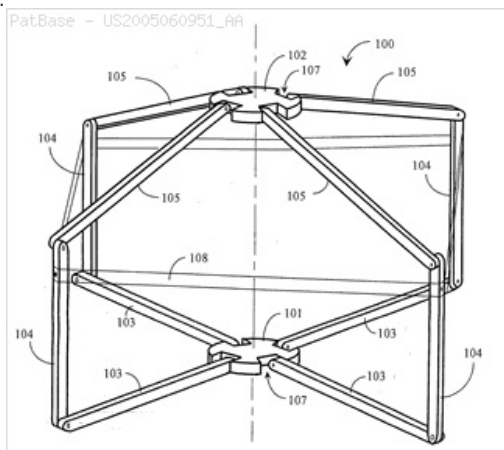
International (IPC 8-9): B63B7/02 E04B1/19 E04B1/32 E04B1/343 E04B1/344 E04B7/08 E04C3/38 E04H1/12 E04H12/18 E04H15/36 E04H15/48 E06B3/92 F02F1/00 F16S3/04 G06F13/00 G06F15/16 G06Q10/00 G06Q10/10 G06Q50/00 G06Q50/22 G06Q50/24 G06Q99/00 H04N7/16 (Advanced/Invention); E04B1/00 (Advanced/Non-invention); E04H (Subclass/Invention)

International (IPC 1-7): E04B1/32 E04B7/08 E04C3/38 E04H15/36 E04H15/48 F02F1/00

CPC: E04B1/34305 E04B1/3441 E04B1/3448 E04B2001/0053 E04B2001/0092 E04H1/1277 E04H15/48 E06B3/92 G06Q50/22 G06Q10/10 G06Q10/101 G06Q50/24 Y02A90/22

European: E04B1/343B E04B1/344B E04B1/344E E04H1/12F E04H15/48 E06B3/92 G06Q10/10 G06Q10/101 G06Q50/22 G06Q50/24 P04B1/00S P04B1/00S6H

US: 135/126 135/128 135/129 135/135 135/137 135/147 52/64 52/641 52/641P 52/645 52/646 52/79.5 526/410 705/3 705/300 705/300S 705/3P 709/206 709/206S 726/30 726/30S



Family:

Publication number	Publication date	Application number	Application date
AT520845 E	20110915	AT20040718867T	20040309
AU2004221424 AA	20040930	AU20040221424	20040309
AU2004221424 BB	20091001	AU20040221424	20040309
BRPI0409054 A	20060328	BR2004PI09054	20040309
CA2517521 AA	20050826	CA20042517521	20040309
CA2517521 C	20100629	CA20042517521	20040309
CN100535368 C	20090902	CN200480007061	20040309
CN1826453 A	20060830	CN200480007061	20040309
DE602004033977 D1	20111020	DE200460033977T	20040309
EP1604082 A2	20051214	EP20040718867	20040309
EP1604082 A4	20090930	EP20040718867	20040309
EP1604082 B1	20110817	EP20040718867	20040309
IL170940 A1	20090901	IL20040170940	20040309
IN01712KN2005 A	20061110	IN2005KN01712	20050829
IN224140 B	20081003	IN2005KN01712	20050829
JP2006520879 T2	20060914	JP20060507020T	20040309
JP4532472 B2	20100825	JP20060507020T	20040309
NZ543079 A	20071130	NZ20040543079	20040309
RU2342508 C2	20081227	RU20050128043	20040309
US2005060951 AA	20050324	US20040861746	20040603
US2005279047 AA	20051222	US20050032392	20050110
US2010256994 AA	20101007	US20100817779	20100617
US6766623 BA	20040727	US20030392148	20030318
US7152614 BB	20061226	US20040861746	20040603
US7290378 BB	20071106	US20050032392	20050110
US9747652 BB	20170829	US20100817779	20100617
WO04083563 A2	20040930	WO2004US07256	20040309
WO04083563 A3	20050421	WO2004US07256	20040309
ZA200508384 A	20070425	ZA20050008384	20051017

Priority:

US20030392148 20030318
US20040861746 20040603
US20100817779 20100617

EP20040718867 20040309
US20050032392 20050110

WO2004US07256 20040309
US20050032391 20050110

Probable Assignee: KALNAY PETER A

Assignee(s): (std): EISENBERGER GEORGE ; IBM ; KALNAY PETER ; KALNAY PETER A ; KALNAY PETER ANDRES ; PETER KALNAY ; PETER A KALNAY ; KALNEHJ PITER A ; RICHARDS II THOMAS L ; MCCULLOCH III EDGAR H

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Inventor(s): (std): KALNAY PETER A ; KALNEHJ PITER A ; RICHARDS II THOMAS L ; MCCULLOCH III EDGAR H ; EISENBERGER GEORGE ; KALNAY PETER ANDRES

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

2) Family number: 57053339 (US2015368893A)

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Title: MODULAR ADAPTABLE HOUSING ARCHITECTURE

Abstract: A modular adaptable housing architecture for building temporary shelters and residential units in emergency situations is provided and includes an oval cross-section, which can be increased and extended in a flexible manner, involving the mechanically articulated assembly of successive structural modules formed by pairs of crosswise-arranged ovoid frames in order to support a panel-based inner floor slab, with the shell being formed by sheets, while providing a level floor solution in which the floor is elevated above the ground using the curvature of the elliptical supporting section of each frame or retractable supporting parts of the frames. The result is a self-tensioning geometry shelter, which can be adapted to suit the terrain and occupancy requirements, which is stable, strong and environmentally friendly, and which can be transported in disassembled parts and quickly assembled at any location without requiring any additional work and enabling a finish typical of the locality.

Classifications:

International (IPC 8-9): E04B1/12 E04B1/19 E04B1/32 E04B1/343 E04F15/02 E04F15/04 E04F15/10 E04H1/00 E04H1/02 E04H15/02 E04H15/18 E04H15/36 E04H15/56 (Advanced/Invention)

CPC: E04H15/008 E04B1/343 E04B1/34326 E04B1/19 E04H1/02 E04H1/005 E04F15/02038 E04F15/04 E04F15/105 E04B1/3205 E04H15/18 E04H15/36 E04H15/56

US: 1/1 52/63 52/80.1

PatBase - US2015368893_AA



Family:

Publication number	Publication date	Application number	Application date
BR112015018054 A2	20170718	BR20151118054	20140123
EP2949840 A1	20151202	EP20140743187	20140123
EP2949840 A4	20161005	EP20140743187	20140123
EP2949840 B1	20190417	EP20140743187	20140123
ES2488790 AA	20140828	ES20130030097	20130128
ES2488790 BB	20150226	ES20130030097	20130128
IN06708DN2015 A	20160722	IN2015DN06708	20150730
US2015368893 AA	20151224	US20140764022	20140123
US9388564 BB	20160712	US20140764022	20140123
WO14114836 A1	20140731	WO2014ES70044	20140123

Priority:

WO2014ES70044 20130123 ES20130030097 20130128 WO2014ES70044 20140123

Probable Assignee: EADS CONSTR AERONAUTICAS SA

Assignee(s): (std): AIRBUS DEFENCE AND SPACE S A ; AIRBUS DEFENCE AND SPACE SA ; AIRBUS DEFENSE AND SPACE S A ; EADS CONSTRUCCIONES AERONAUTICAS S A ; EADS CONSTR AERONAUTICAS SA

Assignee(s): EADS CONSTRUCCIONES AERON UTICAS SA ; EADS CONSTRUCCIONES AERONAUTICAS SOC UNIPERSONAL SA ; AIRBUS DEFENSE AND SPACE SA ; EADS CONSTRUCCIONES AERONAUTICAS SA

Inventor(s): (std): IGLESIAS SANZ CARLOS MIGUEL ; ROS GARCIA JUAN MANUEL ; CASILLAS GAMBOA LUIS ; CAMACHO DIEZ JAVIER ; JAVIER CAMACHO DIEZ ; CARLOS MIGUEL IGLESIAS SANZ ; JUAN MANUEL ROS GARCIA ; LUIS CASILLAS GAMBOA

Agent(s): CARPINTERO LOPEZ FRANCISCO ; CARPINTERO MARIO ; DICKINSON WRIGHT PLLC ; FUENTES PALANCAR JOSE JULIAN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN 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 IR 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 PA PE PG PH PL PT QA RO RS RU RW SA 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

3) Family number: 29361374 (US5398710A)

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Title: Apparatus for stationary screening

Abstract: The apparatus has several carrying bars which can be spread in radial manner from a central headpiece (2) and several shielding screen elements (17, 18), which are in each case fixed between two carrying bars. The multipart construction of the carrying bars from longitudinally displaceable, interengaging bar elements (4, 5) makes it possible to slide screen elements (17, 18) over one another, so that the apparatus, when in use, can provide different shielding surface sizes starting from a compact, slid together and collapsed form. By sliding over one another limited light-transmitting screen

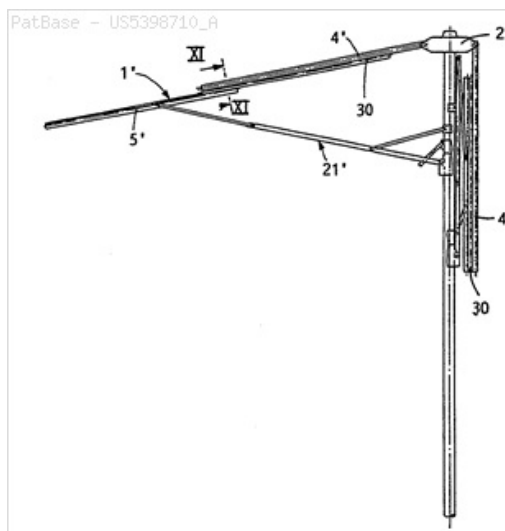
elements, it is possible to individually adjust the shielding action.

Classifications:

International (IPC 8-9): A45B11/00 A45B17/00 A45B19/04 A45B19/06 A45B23/00 A45B25/14 A45B25/18 E04H15/26 E04H15/46 (Advanced/Invention); A45B11/00 A45B17/00 A45B19/00 A45B23/00 A45B25/00 (Core/Invention)
International (IPC 1-7): A45B11/00 A45B17/00 A45B19/00 A45B19/04 A45B19/06 A45B23/00 A45B25/02 A45B25/14 A45B25/18 E04H15/26 E04H15/28 E04H15/46 F04H15/28 H04N1/00
CPC: A45B11/00 A45B23/00 A45B25/18 A45B2011/005 A45B2023/0012 A45B2023/0025 A45B2025/186 A45B19/06 A45B25/14

European: A45B19/06 A45B23/00 A45B25/14 A45B25/18 K45B11/00 K45B11/00S K45B23/00B K45B23/00D K45B25/18M

US: 135/16 135/20.3 135/26 135/27 135/31 135/33.2 135/33.6 135/98



Family:

Publication number	Publication date	Application number	Application date
AT192289 E	20000515	AT19930810594T	19930823
AU199344866 A1	19940303	AU19930044866	19930825
AU199463325 A1	19940714	AU19940063325	19940526
AU670303 B2	19960711	AU19930044866	19930825
AU670368 B2	19960711	AU19940063325	19940526
BRPI9303611 A	19941129	BR1993PI03611	19930827
CA2105139 AA	19940301	CA19932105139	19930830
CH686551 A	19960430	CH19920002695	19920829
DE59310024 D1	20000608	DE19935010024	19930823
EP0587529 A2	19940316	EP19930810594	19930823
EP0587529 A3	19941221	EP19930810594	19930823
EP0587529 B1	20000503	EP19930810594	19930823
EP0916281 A2	19990519	EP19990100706	19930823
JP2622346 B2	19970618	JP19930214512	19930830
JP6217813 A2	19940809	JP19930214512	19930830
JP7067712 A2	19950314	JP19940128528	19940610
MX9305235 A1	19940228	MX19930005235	19930827
RU2077244 C1	19970420	RU19930050542	19930827
RU93050542 A	19960110	RU19930050542	19930827
US5398710 A	19950321	US19920963055	19921019
US5551465 A	19960903	US19940349829	19941206
US5564453 A	19961015	US19940349828	19941206
ZA9306259 A	19940523	ZA19930006259	19930826
ZA9402203 A	19941101	ZA19940002203	19940826

Priority:

CH19920002695 19920829 EP19930810594 19930823 AU19930044866 19930825
CA19932105139 19930830 US19940349828 19941206 US19940349829 19941206

Probable Assignee: STEWI AG

Assignee(s): (std): STEINER WALTER ; STEWI AG ; VALTER SHTAJNER ; WALTER STEINER

Assignee(s): BARUTAA SHIYUTAINAA ; VAL'TER SHTAJNER[CH]

Inventor(s): (std): BARUTAA SHIYUTAINAA ; STEINER WALTER ; VALTER SHTAJNER ; WALTER STEINER

Inventor(s): VAL'TER SHTAJNER[CH]

Agent(s): GRIFFITH HACK; BORDEN LADNER GERVAIS LLP

Designated states: AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

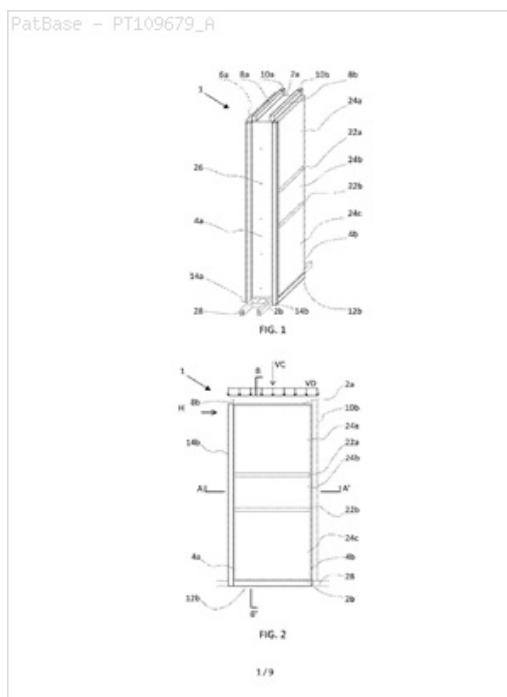
4) Family number: 69827416 (PT109679A)

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Title: MODULO DE PAREDE EXTERIOR E PAREDE EXTERIOR PARA CONSTRUCAO DE EDIFICIOS DE PEQUENO E MEDIO PORTE The MODULE EXTERIOR WALL AND OUTER WALL FOR CONSTRUCTING BUILDINGS small to medium-size enterprises (Machine translation)

Abstract: Source: PT109679A [PT] A INVENCAO REFERE-SE A UM MODULO DE PAREDE ESTRUTURAL COMPREENDENDO UMA CHAPA DE TOPO (2A), UMA CHAPA DE BASE (2B), UMA CHAPA LATERAL ESQUERDA (4A) E UMA DIREITA (4B), UMA PECA DE INTERLIGACAO INTERIOR SUPERIOR (16A), UMA PECA DE INTERLIGACAO INTERIOR INFERIOR (16B), UMA CHAPA FRONTAL INTERIOR (6A), UM ISOLAMENTO TERMICO (18) INTERIOR, DOIS ELEMENTOS PARA ENCAIXE MACHO HORIZONTAIS SUPERIORES (8A, 8B), DOIS ELEMENTOS PARA ENCAIXE MACHO VERTICAIS (10A, 10B), DOIS ELEMENTOS PARA ENCAIXE FEMEA HORIZONTAIS INFERIORES (12A, 12B) E DOIS ELEMENTOS PARA ENCAIXE FEMEA VERTICAIS (14A, 14B); OPCIONALMENTE COMPREENDE NO LADO EXTERIOR, UMA REDE DE SUPORTE (20) DE REBOCO, UMA OU MAIS TRAVESSAS DE REFORCO (22A, 22B) E UM OU MAIS REBOCOS (24A, 24B, 24C), E PARAFUSOS (26). A INVENCAO REFERE-SE AINDA A PAREDES ESTRUTURAIS COMPREENDENDO UMA PLURALIDADE DE MODULOS ADJACENTES HORIZONTALMENTE E/OU VERTICALMENTE E PELO MENOS UM MEIO PARA ENCAIXE BASE MACHO E DE FIXACAO (28) A LAJE. **Machine translation:** The invention RELATES TO A STRUCTURAL WALL MODULE COMPRISING A TOP PLATE (2A), A BASE PLATE (2B), A LEFT SIDE PLATE (4A) AND A RIGHT (4B), AN UPPER INTERIOR INTERCONNECTION PIECE (16A), A LOWER INTERIOR INTERCONNECTION PIECE (16B), A FRONT PLATE (6A), A THERMAL INSULATION INTERIOR (18) INTERIOR, TWO UPPER HORIZONTAL MALE SNAP ELEMENTS (8A, 8B), TWO VERTICAL MALE engaging elements (10A, 10B), two lower

Classifications:
International (IPC 8-9): E04B2/02 (Advanced/Invention)
CPC: E04B2/02



Publication number	Publication date	Application number	Application date
PT109679 A	20180416	PT20160109679	20161014

PT20160109679 20161014

Assignee(s): (std): FUNDACAO MINERVA CULTURA ENSINO E INVESTIG CIENTIFICA

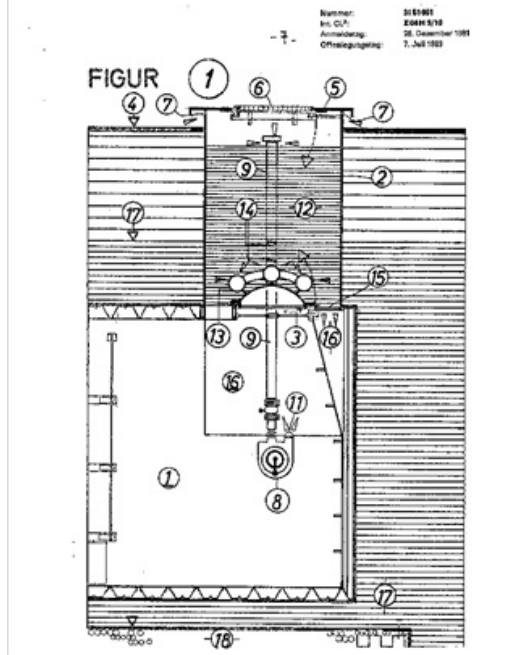
Inventor(s): (std): ALBERTO CRUZ REAES PINTO ; BRUNO JOAO SIMOES DUARTE DIAS

Abstract: Combined emergency-exit/air-filter shaft for shelters, in the form of a shaft (2) which is mounted on the shelter module (1) and closed off with respect to the shelter module and the outside world by an emergency-exit hatch (3 and 6 respectively) in each case, and which contains a filter sand filling (12), through which protective air can be conveyed, as required, by means of a blower (8) via an air duct (9) into the shelter module (1), sand drop flaps (15), via which the filter sand (12) can be let out into collecting spaces (16), being provided.

E04H9/12 (Advanced/Invention);
E04H1/00 E04H9/04 (Core/Invention)

CPC: E04H9/12 E04H1/005 E04H9/10

European: E04H1/00B E04H9/10 E04H9/12

**Family:**

Publication number	Publication date	Application number	Application date
DE3024437 A1	19820128	DE19803024437	19800628
DE3024437 C2	19861127	DE19803024437	19800628
DE3151651 A1	19830707	DE19813151651	19811228

Priority:

DE19803024437 19800628 DE19813151651 19811228

Probable Assignee: GUKELBERGER DIETER**Assignee(s):** (std): GUKELBERGER DIETER ; GUKELBERGER DIETER DIPL ING FH ; GUKELBERGER DIETER ING GRAD**Assignee(s):** GUKELBERGER DIETER DIPL ING FH 7273 EBHAUSEN DE ; GUKELBERGER DIETER ING**Inventor(s):** (std): GUKELBERGER DIETER ; GUKELBERGER DIETER DIPL ING ; GUKELBERGER DIETER ING GRAD**Inventor(s):** GUKELBERGER DIETER DIPL ING FH 7273 EBHAUSEN DE ; GUKELBERGER DIETER ING**6) Family number: 62828544 (WO16108164A1)**

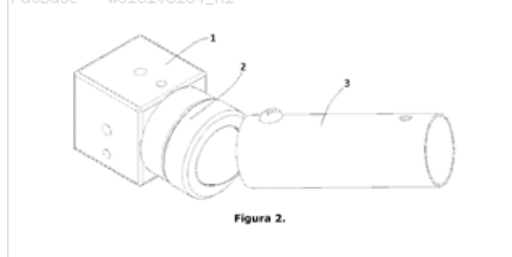
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Title: DEFORMABLE RIGID STRUCTURE

Abstract: The invention relates to a deformable rigid structure, preferably for using in the simulation of situations such as uneven, collapsed or deformed structures, with the possibility of reviewing and modifying said situations as desired, where the structure comprises a plurality of nodes, connection ends and coupling systems, the node having at least two flat faces to which the coupling system is connected, the coupling system, in turn, being connected to a connection end comprising a structural element that has ends on which a spherical element is arranged so that the structural element is connected to the node in a pivoting manner.

Classifications:**International (IPC 8-9):** A63H33/10 E04B1/19 E04B1/32 E04B1/343

E04B1/344 E05D7/00 (Advanced/Invention)

CPC: E04B1/19 E04B1/32 E04B1/343 E04B1/344**Family:**

Publication number	Publication date	Application number	Application date
CO14286177 A1	20160630	CO20140286177	20141230
WO16108164 A1	20160707	WO2015159987	20151224

Priority:

CO20140286177 20141230

Probable Assignee: ESCUELA DE INGENIERIA DE ANTIOQUIA**Assignee(s):** (std): ESCUELA DE INGENIERIA DE ANTIOQUIA ; UNIV CES**Assignee(s):** UNIVERSIDAD CES**Inventor(s):** (std): ARIAS CORREA ALBERTO MAURICIO ; HOYOS PAREJA ANA MARIA ; JARAMILLO LONDONO MARIA EUGENIA ; VALENCIA DIAZ EDISON**Inventor(s):** MARIA EUGENIA JARAMILLO LONDONO ; EDISON VALENCIA DIAZ ; ALBERTO MAURICIO ARIAS CORREA ; ANA MARIA HOYOS PAREJA

Agent(s): MAURICIO JARAMILLO CAMPUZANO; JARAMILLO CAMPUZANO MAURICIO

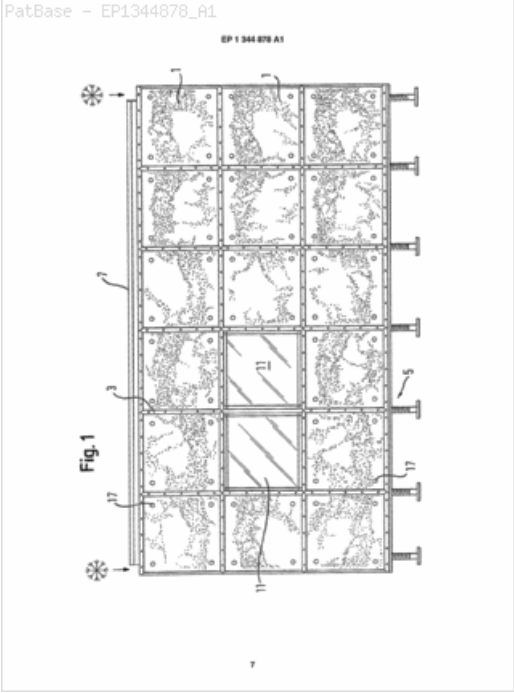
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA 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

7) Family number: 29024693 (EP1344878A1) © PatBase

Title: Pavilion with walls that can be filled up

Abstract: The pavilion has a window construction of walls with a wall module(s) comprising two plates of at least partially transparent material and angled such that the plates form a space between them. There is a closure at the end. Preferably a wall module(s) is filled with a filler, especially snow, the plates are secured by connectors and there are foot elements.

Classifications:
International (IPC 8-9): E04H1/12 (Advanced/Invention);
E04H1/12 (Core/Invention)
International (IPC 1-7): E04H1/12
CPC: E04H1/12
European: E04H1/12



Family:

Publication number	Publication date	Application number	Application date
EP1344878 A1	20030917	EP20020005315	20020313

Priority: EP20020005315 20020313

Probable Assignee: HERBERT JAN CHRISTOPH

Assignee(s): (std): HERBERT JAN CHRISTOPH

Inventor(s): (std): HERBERT JAN CHRISTOPH ; WEINHARDT IVO

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

8) Family number: 65366789 (WO17060143A1) © PatBase

Title: CONSTRUCTION KIT FOR A DISMANTLEABLE WALK-ON LOAD-BEARING STRUCTURE

Abstract: The invention relates to a construction kit for a self-supported, dismantlable load-bearing structure (1) with walk-on path elements (2, 3) along at least one path direction (W, W'), with at least one path connection element (4) for releasably connecting in each case two path elements (2, 3) along the path direction (W, W'), and with at least one support (10, 30) for at least partially supporting the load-bearing structure (1) on the ground (E). The path elements (2, 3) and the at least one path connection element (4) are taken from a catalogue of elements.

Classifications:
International (IPC 8-9): E01D15/133 E04B1/34
E04F11/00 (Advanced/Invention)
CPC: E01D15/133

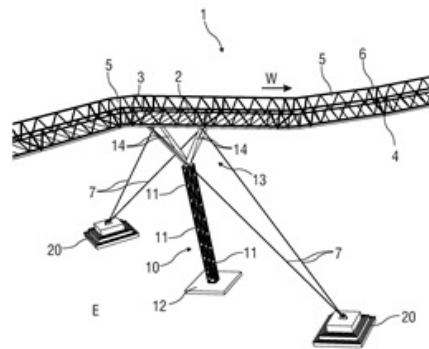


FIG 1

Family:

Publication number	Publication date	Application number	Application date
DE102015219228 A1	20170406	DE201510219228	20151006
EP3359738 A1	20180815	EP20160778726	20160929
WO17060143 A1	20170413	WO2016EP73187	20160929

Priority:

DE201510219228 20151006 WO2016EP73187 20160929

Probable Assignee: BAUHAUS UNIV WEIMAR**Assignee(s):** (std): BAUHAUS UNIV WEIMAR**Inventor(s):** (std): BENSE ALEXANDER ; HEIDENREICH CHRISTIAN ; MAERTIN JOHANNES ; NENTWIG BERND**Agent(s):** LIEDTKE AND PARTNER PATENTANWAELTE; LIEDTKE AND PARTNER

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ 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 IR IS IT JP KE KG KM KN KP KR KW 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 PA PE PG PH PL PT QA RO RS RU RW SA 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

9) Family number: 480946 (DE2116797A1)

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Abstract: Source: DE2116797A1 [DE] (Claim 1) Variable Gebaeudekonstruktion, mit duennwandigem, durchbrochnem, teils mit geschlossenem Profil ausgefuehrt, zur Aufnahme von Normalkraften, zweischsigen Biegsunt Torsionsbeanspruchungen geeigneten, als eingespannter Traeger funktionierendem, ausgesteiftem raeumlichen Skelett system, vorzugsweise zur Ausfuehrung mittelhoher und hoher Wohnungs- und Kommunalbauten, dadurch g e k e n n z e i c n e t, dass die tragenden, raumabschliessenden und sonstigen Konstruktionsteile, die auch die Vaibilitaet sichern, mindestens eine Skeletteinheit bilden, die hoechstens drei, miteinander parallele und in gleichem Abstand /a/ voneinander angeordnete tragende Laengswaende /1a-1c/ und zu die sen senkrechte, miteinander parallele und mit demselben Abstand /a/, wie die Laengswaende angeordnete Querwaende besitzt, wobei mindestens zwei aeussere /1a, 1c/, vorzugsweise alle drei Laengswaende /1a, 1b, 1c/, als tragende Laengswaende, und vorzugsweise zwei innere Querwaende /2a, 2b/, deren Abstand /a/ dem der Laengswaende oder dem Doppelten dieses Abstandes entspricht, als tragende Querwaende, vorzugsweise im mittleren Bereich des Skelettsystems miteinander eine vertikale Schachtel' konstruktion /5/ bildend, als zur Aufnahme vertikaler und horizontaler Kraefte gleicherweise geeignetes raeumliches Skelettsystem dienen, waehrend die uebrigen inneren und aeusseren Querwaende /3a, 3a/ zur Aufnahme der vertikalen Lasten und zur Uebertragung der horizontalen Lasten an das Skelettsystem /1a, 1b, 1c; 2a, 2b/ geeignet herausgebildet sind, ferner das den, durch die vertikalen Laengs- und Querwaende gebildeten Streifen /6/ on einheitlicher Breite te /a/, in Draufsicht zu diesen Waenden senkrecht, geschossweise aufeinander abgestuetzte, das vertikale Wandsystem in vertikalem Sinne aussteifende Wandteile bildende Innen- uideit Aussendiaphragmen /4a, 4b/ angeordnet, sind, deren Laenge /a/ im wesentlichen der Breite des erwaehnten Streifens /6/ entspricht, und dass zur horizontalen Aussteifung des Skelettsystems, zur Sicherung der Formbestandigkeit des Querschnittes und des Verbundeffektes der Waende, die Decken /7/ in jedem Geschoss - durch entsprechende Verbindung der Deckenelemente - als einheitliche Scheiben herausgebildet sind.

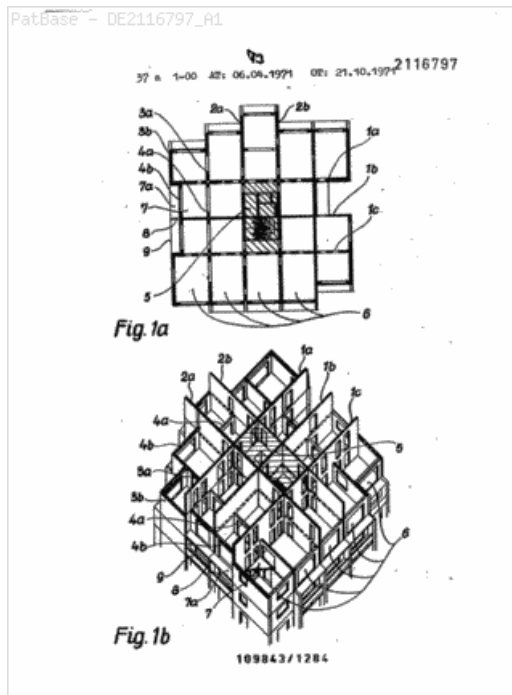
Machine translation: (Claim 1) Variable building construction, with thin-walled, durchbrochnem, some with closed profile exported, to accommodate the normal force, zweischsigen Biegsunt torsional appropriate when clamped carrier functioning, stiffened spatial skeletal system, preferably to perform medium-high residential and municipal buildings, gekennzeichnet fact that the bearing, raumabschliessenden and other structural components that secure the Vaibilitaet represent at least a skeletal unit, the most three, each parallel and equidistant / a / voneinander arranged supporting longitudinal walls / 1a-1c / and the sen perpendicular to each other and parallel with the same Abstand / a /, as the longitudinal walls disposed transverse walls, has at least two exterior / 1a, 1c /, preferably all three longitudinal walls / 1a, 1b, 1c /, as the supporting side walls, and two inner lateral walls vorzugsweise / 2a, 2b /, the distance between / a / corresponds to the longitudinal walls ODEI twice this distance, as load-bearing cross walls, preferably in the middle Area of the skeletal system together a vertical box 'design / 5 / forming, as are used to accommodate vertical Kaler and horizontal forces equally suitable signals that are skeletal system, while the rest of the inner and outer cross walls / 3a, 3a / for receiving the vertical loads and to transfer the horizontal loads on the skeletal system / 1a, 1b, 1c, 2a, 2b / are formed also suitable, as the the one with the vertical longitudinal and transverse walls formed strips / 6 / on a uniform width te / a /, perpendicular in plan view, on these walls, storey-wise successive-based, the vertical wall system in a vertical sense reinforcing wall portions forming internal uideit Aussendiaphragmen / 4a, 4b / ordered, whose anew, to / a / corresponds substantially to the width of the aforementioned strip / 6 /, and that to the horizontal bracing of the skeletal system, to secure the Formbestandigkeit the cross section and the composite effect of the walls, the ceiling / 7 / on each floor - the ceiling by suitable connecting elements -. emerged as the single slices are

Classifications:**International (IPC 8-9):** E04B1/34 E04B2/74

E04H1/04 (Advanced/Invention);

E04B1/34 E04B2/74 E04H1/04 (Core/Invention)

International (IPC 1-7): E04B1/00**CPC:** E04B1/34 E04B2/7409 E04H1/04**European:** E04B1/34 E04B2/74C2 E04H1/04

**Family:**

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Priority:

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