

Diego Cardenas

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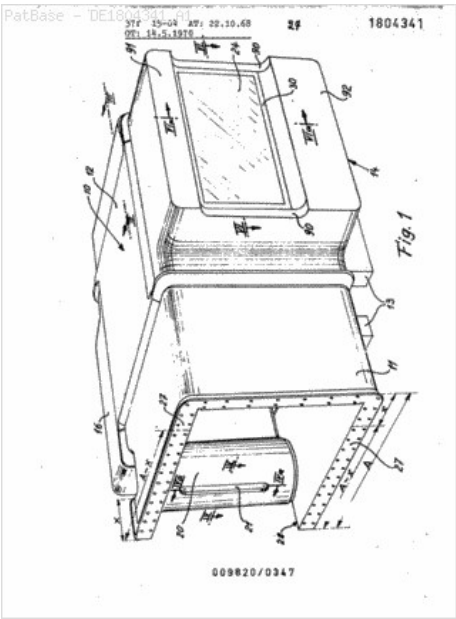
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Search 18: 17 and 11 (Results 40)
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Search 23: TAC=(prefabricated (house* OR build* OR space*)) and PD<20131003 and IC=(B60P OR E04B OR E04H) (Results 100000)
Search 24: 23 and 19 (Results 325)
Search 25: 24 NOT concrete (Results 186)
Search 26: 25 and (hinge* (wall or panel)) (Results 155)
Search 27: 26 AND door AND window (Results 11)

Title: Baukastenartig aus Einzelementen zusammengesetztes Haus Modular form from single elements composite house (Machine translation)

Abstract: Source: DE1804341A1 (Claim 1) 1. Baukastenartig aus Einzelementen zusammengesetztes Haus, dadurch gekennzeichnet, dass die Einzelemente (10,11, 14, 15, 16) als dickwandige Einheiten ausge bildet sind und ausKunststoff bestehen, wobei zwischen aeusseren glasfaserverstaerkten Schalen (40, 41)eid 8chaum- kern (42) mit guten Isolationseigenschaften angeordnet ist.

Machine translation: (Claim 1) 1 Modular type forms of individual elements composite house, characterized in that the individual elements (10, 11, 14, 15, 16) out as thick-walled units and ausKunststoff exist, where nuclear 8chaum-between external fiber reinforced shells (40, 41) Eid (42) arranged with good insulation properties.

Classifications:
International (IPC 8-9): E04B1/348 (Advanced/Invention);
E04B1/348 (Core/Invention)
International (IPC 1-7): E04B1/343 E04B1/348 E04H15/04
CPC: E04B1/34846
European: E04B1/348C5



Family:

Publication number	Publication date	Application number	Application date
DE1804341 A1	19700514	DE19681804341	19681022

Priority:

DE19681804341 19681022

Probable Assignee: BUENGER PAUL M

Assignee(s): (std): BUENGER PAUL M

Inventor(s): (std): SCHUELER RALF ; WITTE DIPL ING URSULINA

Title: BARRIER UNITS AND ARTICLES MADE THEREFROM

Abstract: Source: US2009176067A Barrier units and articles made therefrom, particularly constraining bands of high strength and low weight for containing articles, especially in blast resistant container assemblies, are disclosed. The barrier unit comprises a surface having a regular polygonal perimeter with a plurality of substantially parallel sides, each of which terminates in at least one loop integral with the surface. The surface comprises at least one network of high strength fiber with at least about 50 weight percent of the fiber comprising substantially continuous lengths of fiber aligned in the hoop direction of the loops. The barrier units have utility as constraining bands for loads of articles like logs, and as **doors**/closures for access openings to the interior of aircraft blast resistant cargo containers. They are also useful as fences and **window** protectors.

Classifications:

International (IPC 8-9): B32B33/00 B65D1/42 B65D25/34 B65D6/24 B65D6/26 B65D6/36 B65D63/00 B65D88/12 B65D88/14 B65D88/24 B65D88/52 B65D90/02 B65D90/08 B65D90/32 E04H17/16 F16B2/08 F41H5/00 F42B39/00 F42B39/14 (Advanced/Invention); B65D6/20 B65D88/10 E04H17/16 F41H5/00 F42B39/00 F42B39/14 (Advanced/Non-invention); B32B33/00 B65D1/40 B65D25/00 B65D6/00 B65D6/16 B65D88/00 B65D90/02 B65D90/22 E04H17/16 F16B2/02 F41H5/00 F42B39/00 (Core/Invention); A47B96/00 B65D6/18 F42B39/14 (Core/Non-invention); B65B (Subclass/Invention)

International (IPC 1-7): B65B B65D63/00 B65D88/12 B65D88/14 B65D90/08 E04H17/16 F16B2/08 F41H5/00 F42B F42B39/00 F42B39/14 F42B39/41

CPC: F42B39/14 B65D90/325 Y10T428/24777 B65D88/14 B65D90/021 B65D90/029 F42D5/04 F42D5/045

European: B65D88/14 B65D90/02A B65D90/02J B65D90/32A F42B39/14 F42D5/04 F42D5/045

US: 220/1.5 220/4.33 220/4.34 220/560.01 220/648 220/652 220/686 220/692 220/8 220/9.4 428/192 428/220

Family:

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US7185778 BA	20070306	US19960747471	19961112
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WO9821542 A1	19980522	WO1997US06054	19970411

Priority:

US19950533589 19950925	US19950533589 19950925	WO1996US15469 19960925
IL19960123604 19960925	JP19970513651 19960925	US19960747471 19961112
US20060497842 20060802	IL20010147351 20011227	WO1997US06054 19970411

Probable Assignee: HONEYWELL INTERNATIONAL INC

Assignee(s): (std): ALLIED SIGNAL INC ; ALLIEDSIGNAL INC ; DSM IP ASSETS BV ; HONEYWELL INT INC ; ALLIEDSIGNAL INC

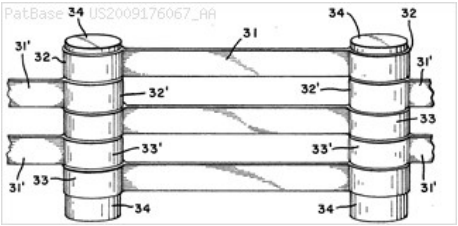
Assignee(s): GERLACH MAX WILHELM ; HARPELL GARY ALLAN ; PALLEY IGOR ; HONEYWELL INTERNATIONAL INC MORRISTOWN ; HONEYWELL INT ; HONEYWELL INTERNATIONAL INC ; ALLIEDSIGNAL INC ; ALLIEDSIGNAL INC US ; ALLIEDSIGNAL INCORPORATE ; DSM IP ASSETS B V

Inventor(s): (std): GERLACH M W ; GERLACH MAX WILHELM ; GERLACH WILHELM ; HARPELL A ; HARPELL ALLAN ; HARPELL G A ; HARPELL GARY A ; HARPELL GARY ALLAN ; PALLEY I ; PALLEY IGOR ; PALLEY IGORI

Inventor(s): Palley ; Max Wilhelm ; Igor ; Harpell ; Gerlach ; Gary A. ; I PALLEY ; IGOR PALLEY ; M W GERLACH ; MAX WILHELM GERLACH ; G A HARPELL ; GARY A HARPELL ; GARY ALLAN HARPELL

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; GOWLING LAFLEUR HENDERSON LLP; REINHOLD COHN AND PARTNERS; LUZZATTO AND LUZZATTO; HONEYWELL INT INC VIRGINIA SZIGETI ESQ; VIRGINIA; NIXON AND VANDERHYE PC

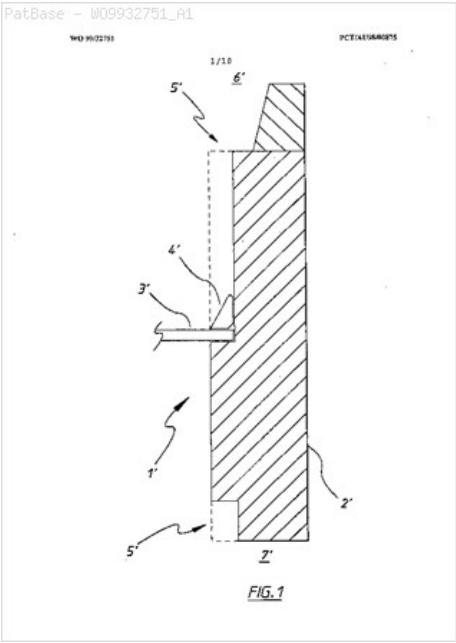
Designated states: AT AU BE CA CH CN DE DK ES FI FR GB GR IE IL IT JP KR LU MC NL PT SE SG



Title: **BUILDING** ELEMENTS

Abstract: An elongate joining or edging element (9) for securing to a member (7, 8) formed from an at least partially resiliently deformable material such as timber. The element includes a generally planar surface (13, 14), from which extends a substantially "U-shaped" cavity (11) formed by two opposed first side **walls** (18). The cavity includes a first tongue section (19, 20) extending intermediate and parallel to the side **walls**. The side **walls** (18) and tongue section (19, 20) are configured to frictionally and/or physically interact by means of a press fit with corresponding substantially parallel slots (22) and/or edge surfaces (23) formed in a connecting surface of the resilient member (7, 8) so as to secure the element (9) thereto.

Classifications:
International (IPC 8-9): E04B1/61 E04F19/02 E06B1/08 E06B1/32 F16S3/02 (Advanced/Invention); E04B1/61 E04F19/02 E06B1/04 F16S3/00 (Core/Invention)
International (IPC 1-7): E04F19/02 E06B1/32 F16S3/02
CPC: E04B1/6154 E06B1/08 E06B1/32
European: E04B1/61D3C2 E06B1/08 E06B1/32



Family:

Publication number	Publication date	Application number	Application date
AU104497 A0	19980115	AU1997PP01044	19971219
AU199897296 A1	19990712	AU19980097296	19981021
AU738498 B2	20010920	AU19980097296	19981021
NZ504881 A	20030328	NZ19980504881	19981021
WO9932751 A1	19990701	WO1998AU00875	19981021

Priority:
AU1997PP01044 19971219 AU19980097296 19981021 WO1998AU00875 19981021

Probable Assignee: JAMES HARDIE RES PTY LTD

Assignee(s): (std): ALLEN ROBERT ANDREW ; HARDIE JAMES RES PTY LTD ; JAMES HARDIE RES PTY LTD ; SHARPELS COLIN ; MCKEOWN LEONARD ; TREND WINDOWS AND DOORS PTY LTD ; TREND WINDOWS AND DOORS PTY LIMITED ; JAMES HARDIE RESEARCH PTY LIMITED

Assignee(s): JAMES HARDIE RESEARCH PTY LTD

Inventor(s): (std): ALLEN ROBERT ANDREW ; COLIN SHARPELS ; LEONARD MCKEOWN ; MCKEOWN LEONARD ; ROBERT ANDREW ALLEN ; SHARPELS COLIN

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG US UZ VN YU ZW

Title: MAGNETO ADSORBENT

Abstract: Source: US2002066368A A molecular sieve apparatus and magnetic/adsorbent material composition facilitate molecular adsorption and separation using a magnetic field to hold, move, cool, and/or heat an adsorbent 1 that is bonded to magnetic materials 3 that are moveable by a magnetic field. An adsorbent 1 is bonded to a soft magnetic material 3 with a binder 2 into a powder composite material adsorbent attractable by a magnetic field (magnetoadsorbent 4). Magnetoadsorbent 4 functions to adsorb and desorb working substances, causing a molecular separation; thereby increasing the efficiency of the adsorption cycle by moving the adsorbent 1 to a location that optimally processes the adsorbent 1. Magnetic field manipulation of adsorbents 1 enables delivery of molecules to locations within systems. Magnetoadsorbents 4 of the present invention further increase the efficiency of the adsorption cycle by combining materials with functions including: catalyst, buoyancy, suspension, magnetic heating, and sinking in liquid.

Classifications:

International (IPC 8-9): B01D15/08 B01D53/02 B01D53/047 B01D53/06 B01J20/18 B01J20/20 B01J20/28 B01J20/32 B01J20/34 B03C1/00 B03C1/01 B64C1/00 C04B38/00 E04B1/00 E04B1/02 E04B1/14 E04B1/35 E04B1/61 E04B2/00 E04B2/12 E04B5/02 E04B5/04 E04B5/48 E04B9/02 F24D3/14 F24J2/00 F24J2/04 F25B17/08 F28D7/00 F28F21/02 H01F1/00 H01F1/01 H01F1/11 (Advanced/Invention); B29C44/34 C02F1/28 E04B1/00 E04B1/35 E04B1/61 E04F13/00 E04F15/00 E04F19/00 F16B35/00 F16B5/02 F25B21/00 (Advanced/Non-invention); B01D15/08 B01D53/02 B01D53/047 B01D53/06 B01J20/10 B01J20/20 B01J20/28 B01J20/30 B03C1/00 B03C1/005 B64C1/00 E04B1/02 E04B2/00 E04B2/04 E04B5/02 E04B5/04 E04B5/48 E04B9/02 F24D3/12 F24J2/00 F24J2/04 F25B17/00 F28D7/00 F28F21/00 H01F1/00 H01F1/01 H01F1/032 (Core/Invention); B29C44/34 C02F1/28 E04B1/00 E04B1/35 E04B1/61 E04F13/00 E04F15/00 E04F19/00 F16B35/00 F16B5/02 F25B21/00 (Core/Non-invention); E04B (Subclass/Invention)

International (IPC 1-7): A63H33/10 B01D15/08 B01D53/047 B01D53/06 B01J20/28 B01J20/32 B01J20/34 C04B38/00 E04B1/00 E04B1/02 E04B1/14 E04B1/343 E04B2/00 E04B2/22 E04B5/04 E04C2/04 E04C2/34 E04C2/54 E04F13/00 E04F15/00 E04F19/00 E04H9/00 F25B17/08 H01F1/00 H01F1/11 H01J29/18 H01J31/12 **CPC:** C04B38/0022 C04B2111/00612 E04F13/00 E04F15/00 E04F19/00 B64C1/06 B29C44/348 B64C2001/0063 B64C2001/0072 B64C2001/0081 E04B2/12 F16B5/02 F16B35/00 F24J2/0444 F24J2002/0038 Y02E10/44 Y02T50/433 E04B1/14 E04B1/02 E04B1/6104 E04B5/023 E04B5/026 E04B5/04 E04B2001/0069 E04B2001/3583 E04B2001/6191 F28D7/0041 F28F21/02 Y02B10/20 E04B5/48 E04B9/02 F24D3/142 F24J2/0007 Y02E10/40 B01D53/261 B01D2253/108 B01D2253/116 B01D2253/25 B01D2253/342 B01D2257/602 B01D2257/80 B01D2258/0208 B01D2259/4009 B01D2259/40096 B01D2259/402 B01J20/18 B01J20/28028 B03C1/00 Y02W10/37 B82Y10/00 B01D53/02 B01J20/186 B01J20/20 B01J20/205 B01J20/28007 B01J20/28042 B01J20/3295 B03C1/01 B03C2201/18 B82Y30/00 C02F1/283 B01J20/3204 B01J20/3234 B01J20/3238 B01J20/3291 B01J20/28009 B01J20/28023 B01J20/2803 B01J20/28045 B01J20/3441 F25B21/00 H01F1/012 Y02B30/66

European: B01D53/02 B01J20/18 B01J20/18D B01J20/20 B01J20/20D B01J20/28B4D B01J20/28B8 B01J20/28D16 B01J20/28D20 B01J20/28D28 B01J20/28D28B B01J20/28D8 B01J20/32 B01J20/32H8 B01J20/34N B03C1/00 B03C1/01 B64C1/06 B82Y10/00 B82Y30/00 C04B38/00C E04B1/02 E04B1/14 E04B2/12 E04B5/02C E04B5/02P E04B5/04 E04B5/48 E04B9/02 F24D3/14B2 F24J2/00A F24J2/04B10 F28D7/00D F28F21/02 H01F1/01B L01D253/108 L01D253/116 L01D253/25 L01D253/342 L01D257/602 L01D257/80 L01D258/02A L01D259/402 L01D259/40T30G L01D259/40T30R L01D53/26B L03C201/18 L29C44/34J6 L64C1/00E1 L64C1/00E4 L64C1/00E6 M02F1/28D M04B111/00T6 P04B1/00S3 P04B1/35T P04B1/61B P04B1/61D5 P04F13/00 P04F15/00 P04F19/00 R16B35/00 R16B5/02 R24J2/00P R25B21/00 Y02B10/20 Y02B30/66 Y02E10/40 Y02E10/44 Y02T50/43B

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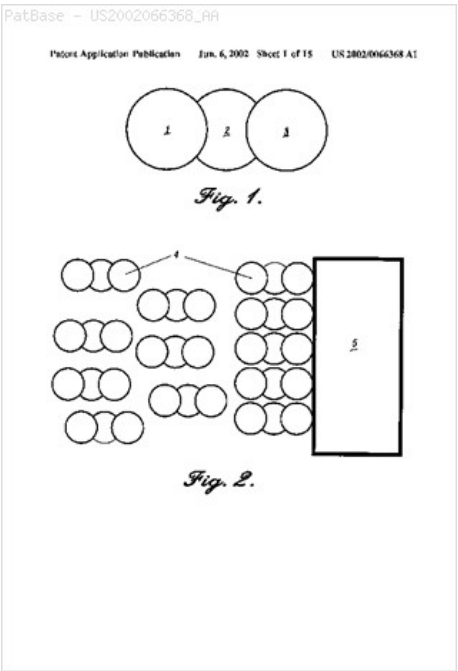
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EP1427509 A4	20040616	EP20010934878	20010416
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US6706097 BB	20040316	US20010898758	20010629
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WO02092928 A1	20021121	WO2001US10904	20010403
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WO02099824 A2	20021212	WO2002US11968	20020416
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Priority:

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Probable Assignee: HEXABLOCK INC



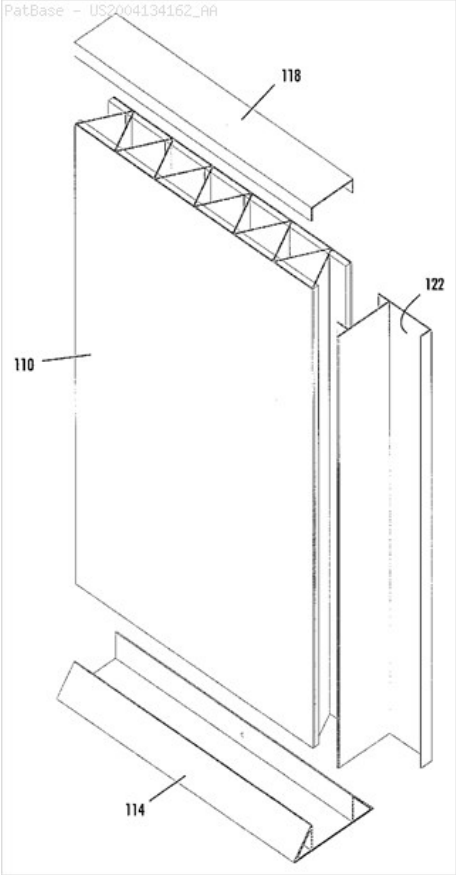
Assignee(s): (std): DAVID A ZORNES ; DAVID ZORNES ; HEXABLOCK INC ; SCHOOF CRAIG C ; ZORNES DAVID ; ZORNES DAVID A
Inventor(s): (std): SCHOOF CRAIG C ; ZORNES DAVID ; ZORNES DAVID A
Inventor(s): CRAIG C SCHOOF ; DAVID A ZORNES ; DAVID ZORNES
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Title: MODULAR STRUCTURE FOR BUILDING PANELS AND METHODS OF MAKING AND USING SAME

Abstract: Source: US2004134162A The present invention is a polymeric panel system and method for production and use thereof, enabling the rapid construction of a building foundation wall or other structure and in particular a below-grade foundation. The polymeric foundation system includes polymeric wall panels and other components suitable for withstanding lateral and end compression loads. The walls include two parallel faces separated by a series of webs or ribs, where the webs and faces of the wall panels may be formed of a similar polymer material such as polyvinylchloride (PVC). The wall panels and/or other components may be extruded so as to enable the rapid production of sections of wall panels, where the panels may be cut to length and then affixed to adjacent panels to form a foundation wall. The method of affixing adjacent panels may include welding, gluing or other techniques and may be performed on the job site or in a pre-fabrication facility. Furthermore, the wall panels may be co-extruded with an insulating material inserted in the voids between the parallel faces so as to provide improved thermal performance of the foundation as well.

Classifications:

International (IPC 8-9): E02D27/00 E02D27/02 E02D27/32 E04B1/00 E04B1/12 E04B1/38 E04C2/20 E04C2/36 E04G21/00 E04H12/02 (Advanced/Invention); E04B (Subclass/Invention)
International (IPC 1-7): E02D27/00 E02D27/32 E04B1/00 E04B1/38 E04G21/00
CPC: B29C66/8322 E04B1/0007 B29C37/04 B29C65/0681 B29C65/18 B29C66/032 B29L2024/006 E02D27/02 E04B1/12 E04C2/20 E04C2/36 B29C66/5243 B29C66/72523 B29C65/08 B29C65/20 B29C65/40 B29C65/58 B29C66/1142 B29C66/543 B29C65/4895 B29C65/5071 B29C65/5085 B29C66/112 B29C66/114 B29C66/1162 B29C66/1222 B29C66/1224 B29C66/4326 B29C66/4342 B29C66/43421 B29C66/43
European: B29C65/08 B29C65/20 B29C65/40 B29C65/58 B29C66/1142 B29C66/43 B29C66/54 E02D27/02 E04B1/00B E04B1/12 E04C2/20 E04C2/36 L29C37/04 L29C65/06C L29C65/18 L29C65/48 L29C65/48S L29C66/032 L29C66/1142 L29C66/43 L29L24/00D
US: 52/270 52/292 52/292S 52/293.3 52/300 52/300P 52/741.1 52/741.100P 52/741.3 52/741.300P 52/745.13 52/745.130P



Family:

Publication number	Publication date	Application number	Application date
AU2003282597 AA	20040504	AU20030282597	20031010
AU2003282597 AH	20040504	AU20030282597	20031010
CA2501869 AA	20050408	CA20032501869	20031010
CA2501869 C	20100817	CA20032501869	20031010
US2004134162 AA	20040715	US20030683229	20031010
US2007107370 AA	20070517	US20060552137	20061023
US2007209305 AA	20070913	US20060554179	20061030
US2008307747 AA	20081218	US20080123616	20080520
US7127865 BB	20061031	US20030683229	20031010
WO04033809 A2	20040422	WO2003US32296	20031010
WO04033809 A3	20040902	WO2003US32296	20031010

Priority:

US20020417904P 20021011 WO2003US32296 20031010 US20030683229 20031010
US20080123616 20080520 US20060554179 20061030 US20060552137 20061023

Probable Assignee: DOUGLAS ROBERT B

Assignee(s): (std): DOUGLAS ROBERT B

Inventor(s): (std): DOUGLAS ROBERT B ; ROBERT B DOUGLAS

Inventor(s): DOUGLAS ROBERT

Agent(s): SIM AND MCBURNEY; BASCH AND NICKERSON LLP; DUANE C

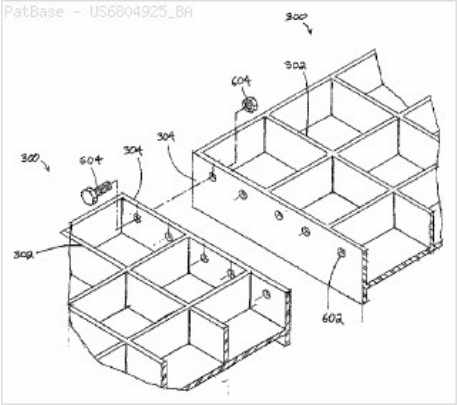
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK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

Title: Composite **building** material and **panels** made therefrom

Abstract: Source: US6804925B A composite material that is formed into basic structural **panels** that can be subsequently assembled into the floors, **walls**, roof trusses, and roofs of **buildings** by unskilled labor having access to basic tools is disclosed. Thus, basic shelter, low-cost houses and various other structures, such as schools, churches, clinics, and storage facilities may be constructed to address the need for such structures in economically-distressed countries with large populations. The **building** material for the **panels** is a molded **polymer** composite, made from either homogeneous or non-homogeneous materials. The materials consist primarily of recycled or virgin polyolefins, primarily polyethylene and polypropylene compounds with or without various additives, including glass fiber, metals and naturally-occurring materials such as rice husks, sugar cane bagasse, nut shells, talc, clay, sand and wood. Conduits and channels for electrical wiring, plumbing and ventilation may be provided and a cross-ribbed **reinforcement** grid may be included for strength. Vertical or horizontal rods and other strengthening materials, including fabrics may also be placed to run through the available channels formed in the composite material to enhance structural stability. Each structural **panel** may be provided with flanges at their edges in which there are holes that align with holes on other structural **panels** for fastening the structural **panels** together using various devices. Sealants, adhesives and flashing may be applied to the interfaces between the structural **panels**.

Classifications:

International (IPC 8-9): E04B1/12 E04C2/20 E04C2/32 E04C2/38 (Advanced/Invention); E04B1/02 E04C2/10 E04C2/32 E04C2/38 (Core/Invention)
International (IPC 1-7): E04B2/00
CPC: E04B1/12 E04C2/20 E04C2/326 E04C2/388
European: E04B1/12 E04C2/20 E04C2/32C E04C2/38E
US: 52/586.1



Family:

Publication number	Publication date	Application number	Application date
US6804925 BA	20041019	US20020067847	20020208

Priority:

US20010267122P 20010208 US20020067847 20020208

Probable Assignee: DAEDALUS PROJECT INC

Assignee(s): (std): DAEDALUS PROJECT INC

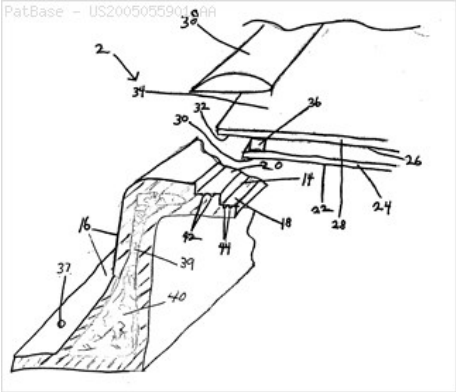
Inventor(s): (std): MCCULLOCH EDWARD ARCHIE

Title: SKYLIGHT HAVING A MOLDED PLASTIC FRAME

Abstract: Source: US2005055901A The present invention provides a skylight frame design that is adapted to receive at least two **panels** of glass. The skylight frame comprises a stepped frame section that includes a lower step surface and an upper step surface. The lower step surface is adapted to receive a first glass **panel** so that a section of the first glass **panel** lies flush against the lower step surface. Similarly, the upper step surface is adapted to receive a second glass **panel** so that the second glass **panel** lies flush against the upper step surface. The skylight frame design of the invention is either incorporated into a skylight frame that may be attached to a curb unit on a roof or it may be an integral part of a skylight frame-curb assembly that also contains a curb section. In another embodiment of the invention, a skylight frame design which directly incorporates one or more **panels** of glass during molding is provided.

Classifications:

International (IPC 8-9): B29C43/18 B29C45/14 B29C47/00 C08G18/48 C08J5/00 C08L75/08 E04B1/00 E04B1/38 E04B7/00 E04B7/18 E04C1/00 E04C2/20 E04C2/54 E04C3/30 E04D13/03 E04G21/00 E04G23/00 E06B1/04 E06B3/00 E06B3/20 E06B3/24 E06B3/66 E06B3/663 E06B5/00 E06B7/28 (Advanced/Invention); B29C47/00 E04B1/00 E04B1/38 E04B7/00 E04B7/18 E04C1/00 E04C2/54 E04C3/30 E04D13/03 E06B1/04 E06B3/00 E06B3/04 E06B3/66 (Core/Invention); E04D (Subclass/Invention)
International (IPC 1-7): E04B7/00 E04B7/18 E04D1/00
CPC: E04D13/03 E04D13/0305 E04D2013/0345 E04D13/0315
European: E04D13/03 E04D13/03A E04D13/03A4 P04D13/03S2
US: 264/148 264/148S 264/250 264/255 264/255P 264/259 264/259S 428/34 52/198 52/200 52/200P 52/203 52/204 52/204.1 52/204.100S 52/204.5 52/204.591 52/204.593 52/204.593S 52/204.595 52/22 52/309.1 52/309.100S 52/309.7 52/309.700S 52/656.4 52/656.400S 52/656.5 52/656.500S 52/72 52/733.2 52/742.1 52/745.19 52/745.190S 52/786.1 52/786.100S 52/45 52/4873 52/4873S 52/877 52/877S



Family:

Publication number	Publication date	Application number	Application date
CA2535590 AA	20060210	CA20042535590	20040811
CA2535590 C	20141021	CA20042535590	20040811
EP1664455 A2	20060607	EP20040780789	20040811
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US2005055901 AA	20050317	US20030639410	20030812
US2005178078 AA	20050818	US20050057891	20050212
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US2008040993 AA	20080221	US20070923078	20071024
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US2011309545 AA	20111222	US20110222265	20110831
US2013009340 AA	20130110	US20120547642	20120712
US2013118100 AA	20130516	US20120649500	20121011
US7296388 BB	20071120	US20030639410	20030812
US7631464 BB	20091215	US20070671657	20070206
US7762028 BB	20100727	US20050057891	20050212
US8028478 BB	20111004	US20070923078	20071024
US8225560 BB	20120724	US20110222265	20110831
US8291674 BB	20121023	US20100834277	20100712
US8393120 BB	20130312	US20120547642	20120712
WO05019561 A2	20050303	WO2004US26010	20040811
WO05019561 A3	20070125	WO2004US26010	20040811
WO08097900 A1	20080814	WO2008US52909	20080204

Priority:

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Probable Assignee: V TECH PATENTS LLC

Assignee(s): (std): NEMAZI JOHN E ; PORTABLE PIPE HANGERS INC ; PROSCIA JAMES W ; VALENTZ ARTHUR J ; VALENTZ ARTHUR ; TECH PATENTS L L C V ; TECH PATENTS LLC V ; VTECH PATENTS LLC

Assignee(s): VALENTZ FAMILY LTD ; VALENTZ FAMILY PARTNERSHIP LTD ; V TECH PATENT ; V TECH PATENTS L L C ; V TECH PATENT #10639410 LLC ; V TECH PATENT 10639410 LLC ; VALENTZ ARTHUR J98 PIPERS WALKSUGAR LANDTX77479US ; V TECH PATENTS LLC ; PORTABLE PIPE HANGERS LP ; PORTABLE PIPE HANGERS LP5534 HARVEY WILSON DRIVEHOUSTONTX77020US

Inventor(s): (std): NEMAZI JOHN E ; PROSCIA JAMES W ; VALENTZ ARTHUR J

Inventor(s): VALENTZ ARTHUR J98 PIPERS WALKSUGAR LANDTX77479US ; NEMAZI JOHN ; PROSCIA JAMES WUS ; VALENTZ ARTHUR ; NEMAZI JOHN EUS ; PROSCIA JAMES

Agent(s): BORDEN LADNER GERVAIS LLP; MAGGS MICHAEL NORMAN; BROOKS KUSHMAN PC; BROOKS AND KUSHMAN PC; BROOKS KUSHMAN P C; NEMAZI JOHN E ET AL

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 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 MI MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TH TJ TM TN TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: **REINFORCED POLYMER PANEL** AND METHOD FOR **BUILDING** CONSTRUCTION

Abstract: Source: US2005247013A A method and apparatus for manufacturing **reinforced wall panels** and **reinforced roof panels** and using the pre-manufactured **reinforced wall** and roof **panels** in the construction of a **building** structure at a **building** site. The **reinforced wall** and roof **panels** are molded using a molding medium consisting of two part polyurethane which is mixed with Portland cement. **Reinforcing** members and exterior weather resistant materials are placed within a mold and the mold is filled with the molding medium by injection or by pouring. The filled mold is then placed within a press to ensure against expansion by internal pressure caused by curing of the molding medium, thus ensuring dimensional accuracy of the finished **panel**. After hardening of the molding medium, the mold is removed from the press, opened and the finished **panel** is removed from the mold and is stored until the molding medium has completely cured. The **reinforcing** members and weather resistant material constitute integral components of the **building panel** structure.

Classifications:

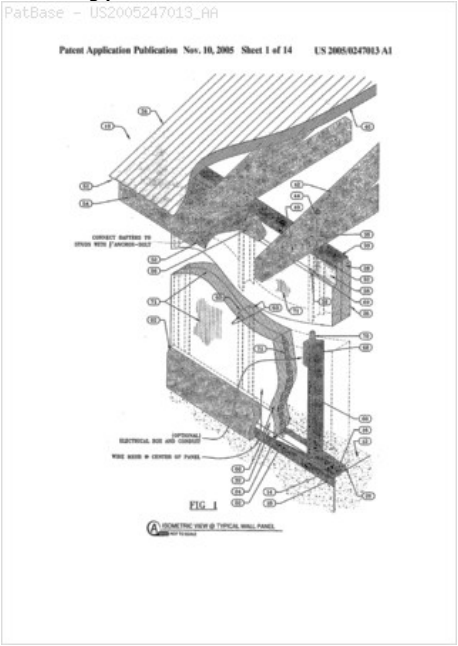
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International (IPC 1-7): E04B1/00 E04B5/04 E04C2/04 E04G21/00 E04G23/00

CPC: B28B7/0079 B28B7/0097 B28B23/0025 E04B1/14 E04B7/22 E04C2/22 E04D3/351 E04D3/352

European: B28B23/00D B28B7/00F5 B28B7/00K E04B1/14 E04B7/22 E04C2/22 E04D3/35A E04D3/35A1

US: 249/18 249/33 52/434 52/439 52/503 52/564 52/741.1 52/741.100S 52/745.01 52/745.010P 52/745.05 52/745.050S



Family:

Publication number	Publication date	Application number	Application date
US2005247013 AA	20051110	US20040838436	20040504
US7395999 BB	20080708	US20040838436	20040504

Priority:

US20040838436 20040504

Probable Assignee: POLYCRETE SYSTEMS LTD

Assignee(s): (std): POLYCRETE SYSTEMS LTD

Inventor(s): (std): WALPOLE HERBERT

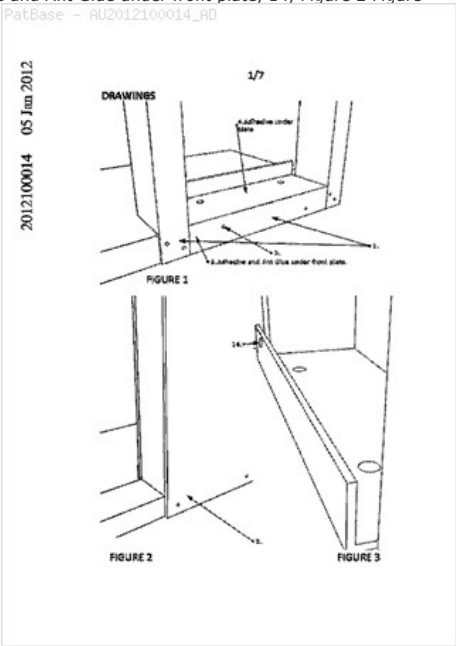
Agent(s): JAMES L JACKSON JAMES L JACKSON PC; JACKSON JAMES L; JAMES L

Title: Frame for rapid building system

Abstract: Source: AU2012100014A This invention is specifically designed to improve the structural integrity of rapid construction systems. The claimed invention has two distinct elements, namely a Bottom Plate and Vertical Connector that provide structural strength to insulated board or Structural Insulated Panels. The Bottom Plate can - in accordance with this invention - comprise a forward strip, called a Structural Tongue, which allows connection using screws, nails and/or construction adhesive. The two axes of attachment allow for stronger tie down. The framing system uses water-proof structural members to replace the need to use Damp Course to moisture-proof the external wall. This allows the use of high-strength construction adhesive and pest control additives. The optional plate is used to hold an internal lining in place to facilitate faster construction. The Vertical Connector can - in accordance with this invention - comprise a forward strip which allows connection using screws, nails and/or construction adhesive. In corner applications it can include two structural tongues. The method of installation allows for stronger Top Plate connection using construction screws and stronger Lintel Panel connection including internal fitting with screws and adhesive. The Bottom Plate features an optional interior piece which facilitates easier installation of dry wall. Screws are attached to structural elements surrounding windows to increase the strength of the window lintel. 4.Adhesive under late 5 Adhesive and Ant Glue under front plate, 14, Figure 2 Figure

Classifications:

International (IPC 8-9): E04B1/38 E04B2/00 E04B5/00 E04C3/32 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
AU2012100014 AD	20120202	AU20120100014	20120105

Priority:

AU20120100014 20120105

Probable Assignee: SCHOTT PETER

Assignee(s): (std): SCHOTT PETER

Assignee(s): SCHOTT PETER JOHN MR

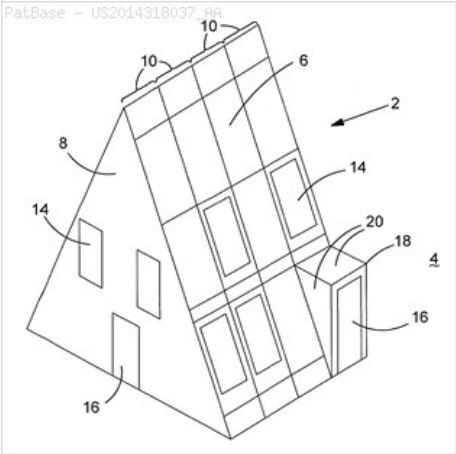
Inventor(s): (std): SCHOTT PETER JOHN

Title: MODULAR BUILDING

Abstract: Source: US2014318037A The invention relates to a modular building (2), to be assembled in various sizes and in various environments, having a generally triangular transverse sectional profile, wherein the modular building comprises a double sloping roof (6) over the generally triangular transverse sectional profile, and wherein the one or more double sloping roof panels comprise composite panel material.

Classifications:

International (IPC 8-9): E04B1/00 E04B1/80 E04B7/02 E04B7/16 E04B7/22 E04B7/24 E04H1/00 (Advanced/Invention)
CPC: E04H1/005 E04B1/00 E04B1/80 E04B7/026 E04B7/163 E04B7/24 E04B2001/0069
European: E04B7/16P E04B7/24 P04B1/00S3
US: 52/741.1 52/90.1



Family:

Publication number	Publication date	Application number	Application date
EP2718514 A1	20140416	EP20120727402	20120601
GB201109361 A0	20110720	GB20110009361	20110603
GB2491415 A1	20121205	GB20110009361	20110603
US2014318037 AA	20141030	US20120123692	20120601
WO12164311 A1	20121206	WO2012GB51258	20120601

Priority:

GB20110009361 20110603 WO2012GB51258 20120601

Probable Assignee: ACELL IND LTD

Assignee(s): (std): ALBERTELLI ALDINO ; ALBINI MARCO ; ALDINO ALBERTELLI ; FRIEH MICHAEL ; ZEDDA ROBERTO ; ROBERTO ZEDDA

Assignee(s): ACELL IND LTD ; MICHAEL FRIEH ; MARCO ALBINI

Inventor(s): (std): ALBERTELLI ALDINO ; ALBINI MARCO ; ALDINO ALBERTELLI ; FRIEH MICHAEL ; ROBERTO ZEDDA ; ZEDDA ROBERTO

Inventor(s): MARCO ALBINI ; MICHAEL FRIEH

Agent(s): HAMER CHRISTOPHER K; HAMER CHRISTOPHER

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 QA RO RS RU 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

Title: SEGMENTED, ELONGATED, EXPANDABLE, 4-SEASON, DOUBLE-WALLED, LOW-COST, RIGID EXTRUDED PLASTIC PANEL STRUCTURES

Abstract: Source: US8381454B Low-cost, semi-permanent rigid-wall modular longhouse-type, peaked-roof structures, stadium-shaped (in plan view), made of light-weight, water-proof cellular extruded plastic sheet material die cut into blanks that are easily portable, quickly field erectable and dismantable by unskilled workers for a wide variety of uses. Two semi-circular end portions are spaced apart and joined by multiple segments of straight wall and roof modules, the length depending only on the number of intermediate segments. Blanks are easily folded on site into double-walled, bolt-together, modular wall and roof panels. Only four basic panel configurations are needed to form all structural elements. Multiple modular structures may be grouped to form larger compound structures with individual ones assigned to individual persons or dedicated work space usages: disaster shelters, sleeping, gathering, storage, hygiene, medical treatment, schooling, entertainment, goods manufacture, cooking, eating, herding, etc. Double-wall modules provide inter-stitial space for cold-weather insulation and passive ventilation in hot environments.

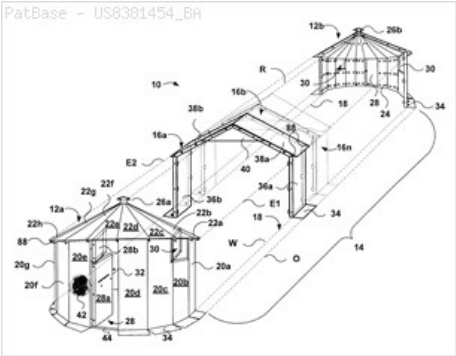
Classifications:

International (IPC 8-9): E04H1/00 (Advanced/Invention)

CPC: E04H1/1205 E04H9/14 E04H1/1211 E04H3/08 E04H3/10 A01K1/00 E04H1/005

E04H15/008

US: 135/159 135/97 52/63 52/79.5



Family:

Publication number	Publication date	Application number	Application date
US8381454 BA	20130226	US20110081307	20110406
US8429858 BA	20130430	US20100692064	20100122

Priority:

US20090146825P 20090123 US20100692064 20100122 US20100322153P 20100408
US20110081307 20110406

Probable Assignee: INNOVATION LAW GROUP LTD

Assignee(s): (std): ROBINSON MARKUS F ; ROBINSON MARKUS R ; RUTSTROM LAWRENCE L ; YOUNGER SCOTT D

Assignee(s): INNOVATION LAW GROUP LTD

Inventor(s): (std): ROBINSON MARKUS F ; ROBINSON MARKUS R ; RUTSTROM LAWRENCE L ; YOUNGER SCOTT D

Agent(s): MARKUS; SCOTT; LARRY