

1) Family number: 43835496 (MX2007009910A)

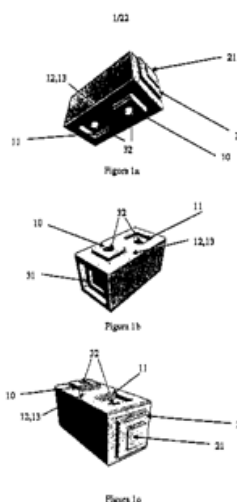
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Title: CONSTRUCTIVE SYSTEM BASED ON PLASTIC BLOCKS.

Abstract: THE PRESENT INVENTION IS RELATED TO A CONSTRUCTION PLASTIC BLOCK HAVING MEANS TO BE COUPLED TO SIMILAR BLOCKS, WHICH IS CHARACTERISED IN THAT EACH CONSTRUCTION BLOCK IS HOLLOW AND HAS INNER STRUCTURAL LOAD POSTS FOR ENABLING HYDRAULIC, ELECTRIC AND OTHER INSTALLATIONS TO PASS, AS WELL AS RODS FOR REINFORCING THE COUPLING BETWEEN BLOCKS, ALSO ALLOWING PANELS TO BE CONSTRUCTED WITH A PLURALITY OF BLOCKS. THE SYSTEM FURTHER DESCRIBES A CONSTRUCTION SYSTEM USING THE AFOREMENTIONED PLASTIC BLOCKS, WHEREIN THE BLOCKS ARE PLACED IN A TONGUE-AND-GROOVE ARRANGEMENT REINFORCED BY THE PRESENCE OF PROTRUSIONS AND RECESSES FORMED ON THE SURFACES OF THE BLOCKS. THE CONSTRUCTIVE SYSTEM INVOLVES THE USE OF RIGID U-SHAPED CHANNELS WHICH SUPPORT A PLURALITY OF BLOCKS FORMING PANELS, SAID PANELS MAY BE PREVIOUSLY CONSTRUCTED AND TRANSPORTED TO THE CONSTRUCTION SITE IN A FIRST EMBODIMENT OF THE INVENTION, OR MAY BE ASSEMBLED IN SITU IN A SECOND EMBODIMENT OF THE INVENTION. THE RESULTING CONSTRUCTIVE SYSTEM IS MORE RESISTANT TO COMBUSTION THAN TRADITIONAL SYSTEMS, THEREBY GENERATING LIGHTER STRUCTURES AND SUBSTANTIALLY ELIMINATING THE LABOUR TIME REQUIRED FOR THE CONSTRUCTION OF WALLS.

Classifications:**International (IPC 8-9):** E04C 1/00 (Core/Invention)

PatBase - MX2007009910_A1

**Family:**

Publication number	Publication date	Application number	Application date
MX2007009910 A1	20090216	MX20070009910	20070815

Priority:

MX20070009910 20070815

Probable Assignee: MUNOZ JUAN MANUEL GUTIERREZ
Assignee(s): (std): MUNOZ JUAN MANUEL GUTIERREZ
Assignee(s): JUAN MANUEL GUTIERREZ MUNOZ
Inventor(s): (std): MUNOZ JUAN MANUEL GUTIERREZ
Inventor(s): JUAN MANUEL GUTIERREZ MUNOZ

2) Family number: 53030747 (WO13022329A1)

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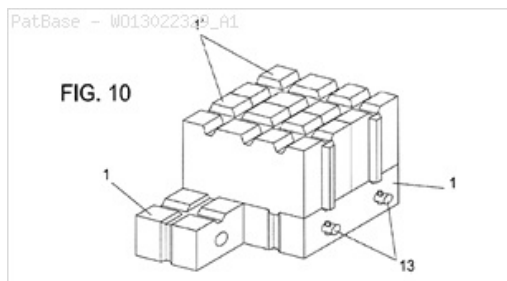
Title: WALL-CONSTRUCTION SYSTEM BASED ON PREFABRICATED DOVETAILING BLOCKS

Abstract: The present invention relates to a wall-construction system based on prefabricated dovetailing blocks; the invention is characterized in that it comprises foundation blocks, wall blocks and finishing, or closure, blocks; said foundation blocks and wall blocks comprise a rectangular prismatic body with a vertical central channel in one of the lateral faces and a vertical central edge in the opposite lateral face, the lower face thereof comprising a longitudinal central edge and two transverse edges spaced apart from one another; said wall blocks comprise, in the upper face thereof, a longitudinal central channel and two transverse channels that are separated from one another; said foundation block comprises, in the upper face thereof, a longitudinal central channel and two transverse channels that are separated from one another; said finishing, or closure, block comprises a substantially cubic body that comprises, in the upper face thereof, two intersecting central channels defining a cross and, in the lower face, comprises two intersecting central edges defining a further cross, comprising a vertical central channel in one of the lateral faces and a vertical edge in the opposite lateral face.

Classifications:**International (IPC 8-9):** E04B2/02 E04B2/08

E04C 1/39 (Advanced/Invention)

CPC: E04B2/08 E04B2002/0208 E04B2002/0228 E04B2002/0247



Family:

Publication number	Publication date	Application number	Application date
MX2011008300 A1	20130220	MX20110008300	20110805
WO13022329 A1	20130214	WO2012MX00035	20120330

Priority:

MX20110008300 20110805

Probable Assignee: MARTINEZ LEONARDO MAXIMINO CORTES

Assignee(s): (std): CORTES MARTINEZ LEONARDO MAXIMINO ; MARTINEZ LEONARDO MAXIMINO CORTES

Assignee(s): LEONARDO MAXIMINO CORTES MARTINEZ

Inventor(s): (std): CORTES MARTINEZ LEONARDO MAXIMINO ; MARTINEZ LEONARDO MAXIMINO CORTES

Inventor(s): LEONARDO MAXIMINO CORTES MARTINEZ

Agent(s): FERNANDEZ MANZO HERMINIO

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 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

3) Family number: 51041432 (WO12056394A1)

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Title: INTERLOCKING BUILDING BLOCK FORMED FROM AN ASSEMBLY OF SECTIONS MADE OF SOLID MATERIAL THAT ARE JOINED TOGETHER AND ENCAPSULATED IN AN OVERMOULDED PLASTIC

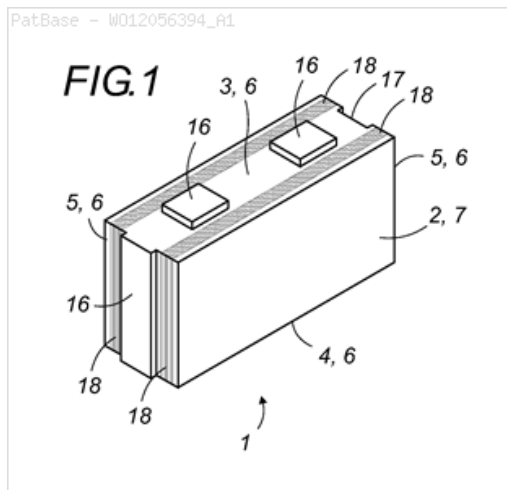
Abstract: The blocks (1) are manufactured from calibrated sections of solid material, all having for example the same length. These sections are positioned against one another so as to form a block (1). Some sections are upwardly offset so as to produce mortises and tenons that form projecting structures (16) for interlocking on at least one of the contact faces (6) of the blocks and one or more complementary receiving cavities (17) provided on the opposed contact faces (6) thereof, which constitute means for positioning and assembling the final block. The assembly of sections is placed in an injection mould and overmoulded with a layer of plastic. This overmoulding operation gives the block cohesion and an external shape with precise dimensions. The invention is of interest to manufacturers, vendors, installers and users of construction components for the building industry.

Classifications:

International (IPC 8-9): E04B2/08 E04C 1/40 (Advanced/Invention)

CPC: E04C1/40

European: E04C1/40



Family:

Publication number	Publication date	Application number	Application date
DE602011012186 D1	20150122	DE201160012186T	20111025
EP2633133 A1	20130904	EP20110781649	20111025
EP2633133 B1	20141210	EP20110781649	20111025
ES2532109 T3	20150324	ES20110781649T	20111025
FR2966852 A1	20120504	FR20100004213	20101027
FR2966852 B1	20121214	FR20100004213	20101027
WO12056394 A1	20120503	WO20111B54752	20111025

Priority:

FR20100004213 20101027

EP20110781649 20111025

WO20111B54752 20111025

Probable Assignee: REHAU SA

Assignee(s): (std): PENNERATH EDDY ; REHAU SA

Inventor(s): (std): PENNERATH EDDY

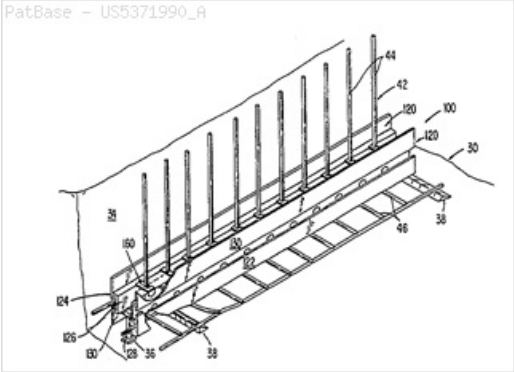
Inventor(s): EDDY PENNERATH
Agent(s): MERCKLING NORBERT; ARPE MANUEL; CABINET METZ PATNI; LAURENT AND CHARRAS; METZ PAUL
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW 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

4) Family number: 29432254 (US5371990A) © PatBase

Title: Element based foam and concrete modular wall construction and method and apparatus therefor

Abstract: A bond beam Channel structure and Pilaster Channel structure for use in forming wall structures of blocks are provided. Each Channel structure comprises a pair of Channel members. A plurality of elongated ties connect the two Channel members together, defining a space therebetween. The space allows concrete to be poured between the Channel members, providing structural integrity to the wall structure. Each tie includes a slot configured to receive at least one rebar in a position substantially transverse to the tie, for providing additional structural integrity to the wall structure.

Classifications:
International (IPC 8-9): E04B1/16 E04B1/18 E04B1/35 E04B2/68 E04B2/84 E04B2/86 (Advanced/Invention); E04B1/18 E04B1/35 E04B2/84 E04B2/86 (Advanced/Non-invention); E04B1/18 E04B1/35 E04B2/64 E04B2/84 (Core/Invention); E04B (Subclass/Invention)
International (IPC 1-7): E04B1/16 E04B1/18 E04B1/35 E04B2/58 E04B2/66 E04B2/68 E04B2/70 E04B2/84 E04B2/86 E04B5/00
CPC: E04B1/163 E04B2/8652
European: E04B1/16B P04B2/86J
US: 52/251 52/252 52/379 52/745.09



Family:

Publication number	Publication date	Application number	Application date
AU199350004 A1	19940315	AU19930050004	19930810
AU702326 B2	19990218	AU19930050004	19930810
BG61821 B1	19980630	BG19950099411	19950209
BG99411 A	19951130	BG19950099411	19950209
BRPI9306891 A	19981208	BR1993PI06891	19930810
CA2142102 AA	19950209	CA19932142102	19930810
CZ36495 A3	19960117	CZ19950000364	19930810
CZ9500364 A3	19960117	CZ19950000364	19930810
EP0658233 A1	19950621	EP19930919934	19930810
FI950588 A	19950406	FI19950000588	19950210
FI950588 A0	19950210	FI19950000588	19950210
HU71182 A2	19951128	HU19950000414	19930810
HU9500414 A0	19950428	HU19950000414	19930810
JP8500161 T2	19960109	JP19940506336T	19930810
KR19950703107 A	19950823	KR19950700575	19930810
KR950703107 A	19950823	KR19950700575	19950211
NO950502 A	19950411	NO19950000502	19950209
NO950502 A0	19950209	NO19950000502	19950209
NO950502 L	19950411	NO19950000502	19950209
OA10128 A	19961218	OA19950060611	19950213
PL307403 A1	19950515	PL19930307403	19930810
RO118462 B1	20030530	RO19950000236	19930810
RU2136821 C1	19990910	RU19950108519	19930810
RU95108519 A	19971220	RU19950108519	19950310
SK19395 A3	19950711	SK19950000193	19930810
US5371990 A	19941213	US19920928268	19920811
US5697196 A	19971216	US19960654770	19960529
VN791 A1	19990325	VN19950001030	19950211
WO9404768 A1	19940303	WO1993US07445	19930810

Priority:
US19920928268 19920811 WO1993US07445 19930810 US19940275672 19940715
US19960654770 19960529

Probable Assignee: SALAHUDDIN FAREED M

Assignee(s): (std): SALAHUDDIN ; SALAHUDDIN FAREED M ; SALAHUDDIN FAREED M MARLBORO ; SALAHUDDIN FAREED M MARLBORO NEW JERSEY ; UNIQUE DEV CORP ; FARID M SALAKHJUDDIN ; UNIQUE DEVELOPMENT CORP
Assignee(s): FARID MSALAKHJUDDIN ; SALAHUDDIN FAREED M ONE EATON COURT MARLBORO NJ ; FAREED M SALAHUDDIN
Inventor(s): (std): FAREED M SALAHUDDIN ; FARID MSALAKHJUDDIN ; FARID M SALAKHJUDDIN ; SALAHUDDIN FAREED M
Agent(s): GRIFFITH HACK; KIRBY EADES GALE BAKER
Designated states: AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR KZ LI LK LU MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SK SN TD TG UA US VN

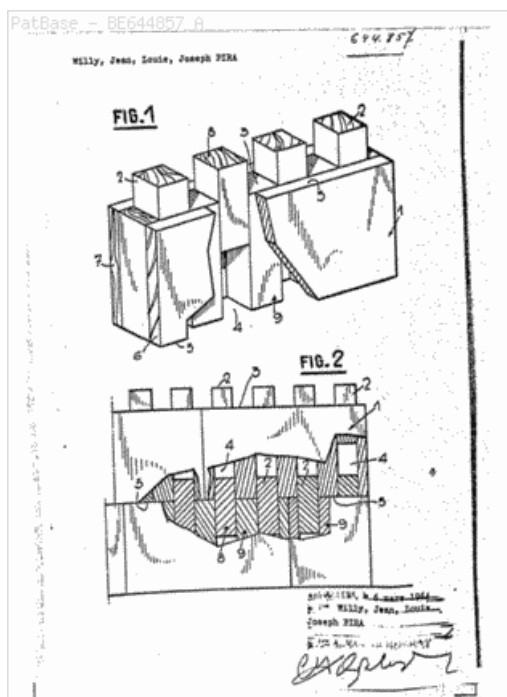
Classifications:

International (IPC 8-9): E04B2/08 E04C1/40 (Advanced/Invention);
E04B2/02 (Advanced/Non-invention);
E04B2/04 E04C1/00 (Core/Invention);
E04B2/02 (Core/Non-invention)

International (IPC 1-7): E04C1/10 E04C2/12

CPC: E04B2/08 E04B2002/0217 E04C1/40

European: E04B2/08 E04C1/40 P04B2/02M1E1

**Family:**

Publication number	Publication date	Application number	Application date
BE644857 A	19640701	BE19640644841	19640306

Priority:

BE19640644857 19640306

6) Family number: 32680077 (WO06024061A1)

Title: WOODEN STRUCTURAL PART

Abstract: Disclosed is a wooden structural part for erecting walls, which can be positively joined to adjoining wooden structural parts. Said wooden structural part comprises at least one inner piece (2) and wall pieces (1, 14, 17). Spaced-apart projections (5) are disposed on a top face of the inner piece (2) while recesses (6) for accommodating the protrusions (5) of an adjoining wooden structural part are arranged on a bottom face that lies opposite the top face. The inner piece (2) is provided with pegs (5) as protrusions. The extension (x) of said pegs (5) in the longitudinal direction of the wooden structural part corresponds to the extension (x) thereof in the transversal direction of the wooden structural part while the distance (y) between two adjacent pegs (5) corresponds to once or an integer multiple of, preferably twice, the thickness (y) of a wall piece (1, 14, 17). The advantage of the invention is that the sidewalls of a wooden structural part that is placed on another wooden structural part at a right angle rest directly on pegs of the superimposed or subjacent wooden component, resulting in an extremely stable connection, especially in corner areas or joining areas.

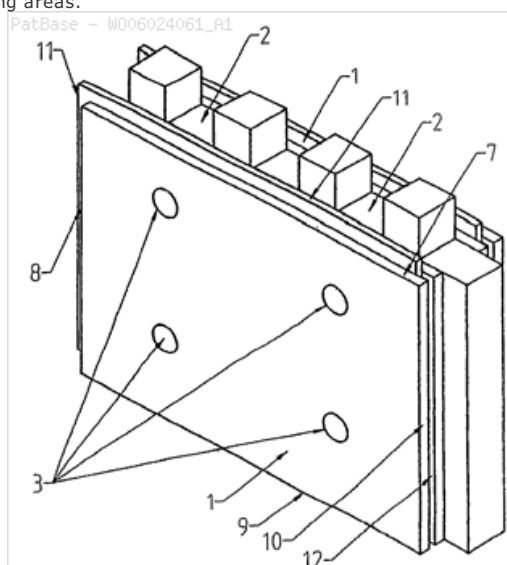
Classifications:

International (IPC 8-9): E04C1/40 E04C2/06 (Advanced/Invention);
E04C1/00 E04C2/06 (Core/Invention)

International (IPC 1-7): E04C2/36

CPC: E04C1/40 E04C2/06

European: E04C1/40 E04C2/06

**Family:**

Publication number	Publication date	Application number	Application date
AT501435 A1	20060915	AT20040001454	20040830
EP1815081 A1	20070808	EP20050773972	20050829
WO06024061 A1	20060309	WO2005AT00345	20050829

Priority:

AT20040001454 20040830 WO2005AT00345 20050829

Probable Assignee: HEHENBERGER GERALD DIPL ING**Assignee(s):** (std): HEHENBERGER GERALD ; HEHENBERGER GERALD DIPL ING ; WAGNER ERWIN ; WAGNER ERWIN ING**Assignee(s):** HEHENBERGER GERALD DIPLING**Inventor(s):** (std): WAGNER ERWIN ; HEHENBERGER GERALD**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 KM KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW**7) Family number: 62891880 (US2018245339A)**

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Title: RECYCLABLE BUILDING BLOCK AND BUILDING SYSTEM USED FOR CONSTRUCTING BUILDING

Abstract: A building block and a building system used for construction a building are disclosed in the present invention. The building block includes: an inner face, an outer face, an upper face having a base face and a projection protruding upward from the base face, wherein the projection extending longitudinally for the entire length of the upper face; a lower face having a complementary groove for interlocking with the projection of a cooperating interengaging building block; a first end; a second end; each of the first end and the second end has a header face, which is substantially one of a planar face, a male header face and a female header face, the male header face of the building block interlocking with the female header face of a cooperating interengaging building block; the cooperating interengaging building block is substantially similar to the building block.

Classifications:**International (IPC 8-9):** B09B3/00 B28B15/00 E04B2/02 E04B2/08 E04B2/10 E04B2/18 E04B2/20 E04C1/00 E04C1/39

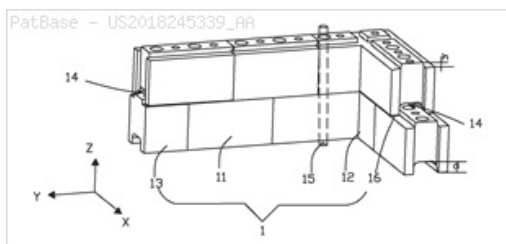
E04F13/08 (Advanced/Invention);

E04B2/02 (Advanced/Non-invention)

CPC: B28B15/00 E04B2/08 E04B2/10 E04B2002/0204

E04B2002/0247 E04B2002/0263 E04C1/00 E04C1/39 E04C1/397

E04B2/18 E04B2002/0208 E04B2/20

US: 1/1 52/286**Family:**

Publication number	Publication date	Application number	Application date
AU2017220928 AA	20180816	AU20170220928	20170210
CN105756262 A	20160713	CN201610098785	20160217
IN201817024353 A	20181130	IN201817024353	20180629
JP2019504221 T2	20190214	JP20180530593T	20170210
KR20180123669 A	20181119	KR20187025894	20170210
SG11201806327V A1	20180927	SG20181106327	20170210
US2018245339 AA	20180830	US20180964053	20180426
US10526783 BB	20200107	US20180964053	20180426
WO17140187 A1	20170824	WO2017CN000151	20170210

Priority:CN201610098785 20160217 WO2017CN000151 20170210 WO2017CN000151 20170210
US20180964053 20180426**Probable Assignee:** SHENZHEN XINTIANNENG TECH DEV CO LTD**Assignee(s):** (std): SHENZHEN NEW TENON CO LTD ; SHENZHEN XINTIANNENG TECH DEV CO LTD ; SHENZHEN XINTIANNENG TECHNOLOGY DEVELOPMENT CO LTD**Assignee(s):** SHENZHEN NEW TENON CO ; SHENZHEN XINTIANNENG TECHNOLOGY DEVELOPMENT CO**Inventor(s):** (std): HAN WENZHENG ; HON MAN CHING**Agent(s):** ALDER IP PTY LTD; SKIP LAW FIRM**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 KH KM KN KP KR KW 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**8) Family number: 73645981 (WO19051555A1)**

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Title: SYSTEM FOR BUILDING A LOAD BEARING STRUCTURE

Abstract: A system for building a load bearing structure for supporting a compressive load, the system including a plurality of wooden members including: a first member including a first body having a recess therein; a second member including a second body having protrusion extending therefrom; and a third member including a third body having a recess therein; wherein the protrusion of the second member is locatable within the recess of the first or third member to interconnect the first and second or third and second members together to form the loading bearing structure, wherein the protrusion is not rotatable within the recess, and; wherein the third member has a recess with a depth greater than the height of the protrusion of the second member such that a cavity is formed between an upper inner wall of the third member and a top portion of the protrusion of the second member when the second and third members are interconnected.

Classifications:**International (IPC 8-9):** A63H33/08 E04B1/02

E04B2/02 (Advanced/Invention)

CPC: A63H33/08 A63H33/062 A63H33/107 E04B2/32 E04B2/50

E04B2/08 E04B2002/0217

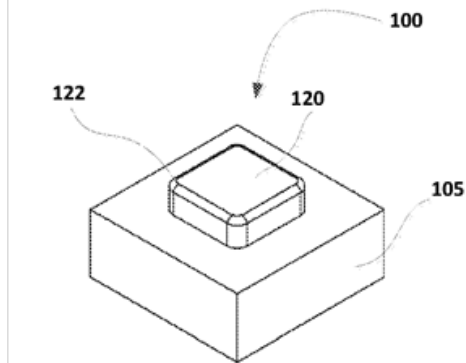


FIGURE 1A

Family:

Publication number	Publication date	Application number	Application date
WO19051555 A1	20190321	WO2018AU51004	20180914

Priority:

AU20170903740 20170914

Probable Assignee: JENNER INNOVATION PTY LTD**Assignee(s):** (std): JENNER INNOVATION PTY LTD**Inventor(s):** (std): JENNER VAUGHAN MATHEW**Agent(s):** DAVIES COLLISON CAVE PTY LTD

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 JO JP KE KG KH KM KN KP KR KW 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

9) Family number: 69343629 (WO18069524A1)

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Title: BLOCK FOR DRY CONSTRUCTION

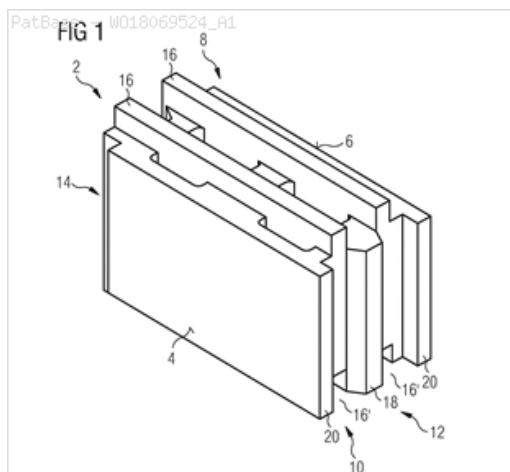
Abstract: The invention relates to a construction block (2) made of inert material, such as concrete, comprising two opposing main surfaces (4, 6), an upper surface (8), a lower surface (10), and two opposing side surfaces (12, 14), the upper and lower surfaces (8, 10) as well as the side surfaces (12, 14), respectively, having complementary raised patterns capable of fitting together during a juxtaposition of a plurality of blocks. The raised pattern of the upper surface (8) comprises two tenons (16) extending parallel to and separated from the two main surfaces (4, 6), respectively, and the raised pattern of the lower surface (10) comprises two corresponding grooves (16') extending parallel to and separated from the two main surfaces (4, 6), respectively.

Classifications:**International (IPC 8-9):** E04B2/02 E04B2/18

E04B2/44 (Advanced/Invention)

CPC: E04B2/18 E04B2/44 E04B2002/0206 E04B2002/0208

E04B2002/0228 E04B2002/023

**Family:**

Publication number	Publication date	Application number	Application date
AU2017343812 AA	20190516	AU20170343812	20171013
CA3040042 AA	20190410	CA20173040042	20171013
CN110234820 A	20190913	CN201780071721	20171013
EP3526417 A1	20190821	EP20170781511	20171013
LU93263 B1	20180417	LU20160093263	20161014
WO18069524 A1	20180419	WO2017EP76241	20171013

Priority:

LU20160093263 20161014

WO2017EP76241 20171013

Probable Assignee: CONTERN S A

Assignee(s): (std): UNIV DU LUXEMBOURG ; CONTERN S A ; OF LUXEMBOURG UNIV

Assignee(s): AGAAJANI SHAHRIAR ; CONTERN SA ; DU LUXEMBOURG UNIV ; SPINA CARLO ; WALDMANN DIEDERICH DANIELE ; NGAPAEYA GELEN GAELE CHEWE

Inventor(s): (std): CHEWE NGAPAEYA GELEN GAELE ; AGAAJANI SHAHRIAR ; NGAPAEYA GELEN GAELE CHEWE ; WALDMANN DIEDERICH DANIELE ; SPINA CARLO

Agent(s): PIPERS PATENT ATTORNEYS; NEXUS LAW GROUP LLP; LECOMTE AND PARTNERS

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 JO JP KE KG KH 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

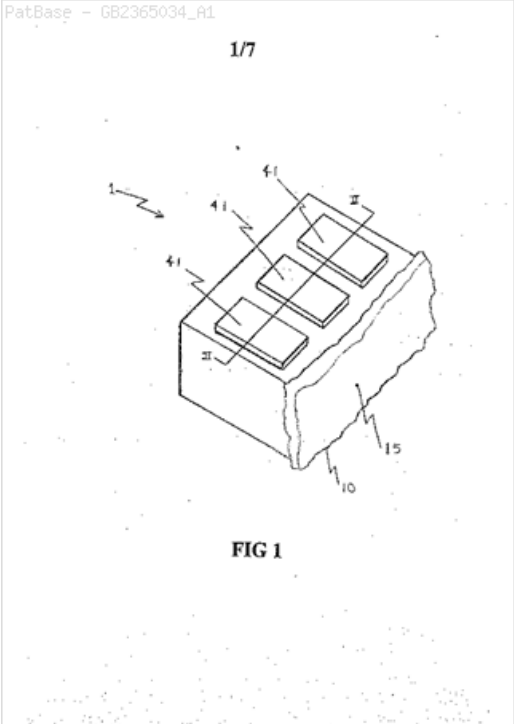
10) Family number: 14611843 (GB2365034A)

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Title: A building block

Abstract: A building block has at least one face with an irregular surface (15), and two opposite faces adjacent the said at least one face having a plurality of spaced projections (40, 50) each having a surface lying in a common plane (41, 51) with corresponding surfaces of the other projections of that face, the boundary of the said irregular surface lying between the two common planes defined by the projections of the said two opposite faces, whereby to allow the blocks to be stacked with the projections thereof in contact with corresponding projections of similar such blocks.

Classifications:
International (IPC 8-9): E04B2/04 E04C1/39 (Advanced/Invention);
E04B2/02 (Advanced/Non-invention);
E04B2/04 E04C1/00 (Core/Invention);
E04B2/02 (Core/Non-invention)
International (IPC 1-7): E04C1/40
CPC: E04B2/04 E04B2002/0269 E04B2002/0284 E04C1/39
European: E04B2/04 E04C1/39 P04B2/02N6 P04B2/02N9B



Family:

Publication number	Publication date	Application number	Application date
GB200017923 A0	20000906	GB20000017923	20000721
GB2365034 A1	20020213	GB20000017923	20000721

Priority:
GB20000017923 20000721

Probable Assignee: BALDWIN MICHAEL A

Assignee(s): (std): BALDWIN MICHAEL A ; BALDWIN MICHAEL ANDREW

Assignee(s): MICHAEL ANDREW BALDWIN

Inventor(s): (std): BALDWIN MICHAEL ANDREW

Inventor(s): MICHAEL ANDREW BALDWIN

11) Family number: 66514601 (EP3199717B1)

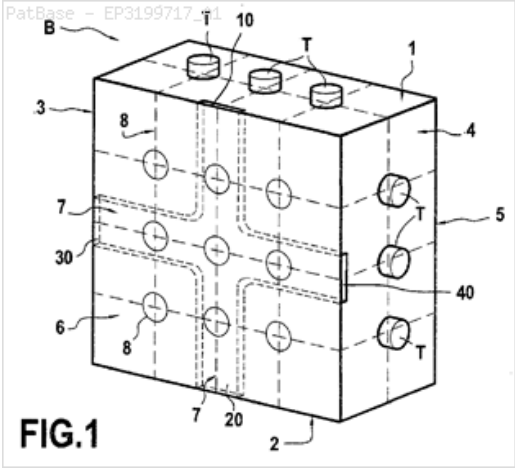
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Title: CONSTRUCTION ELEMENT ELEMENT DE C

Abstract: Source: EP3199717A1 [FR] L'invention concerne un element de construction parallelepipedique presentant deux parois frontales opposees et paralleles entre elles de part et d'autre d'un pourtour forme de quatre parois laterales opposees et paralleles entre elles deux a deux, et comprenant des moyens d'assemblage complementaires de type male-femelle qui permettent d'assembler par emboitement ledit element avec d'autres elements de construction similaires, caracterise en ce que ledit element de construction presente des moyens d'assemblage complementaires, sous forme de tenons (T) en face externe de deux de ses parois laterales contigues (1,4) et de creusures (M, M') amenees depuis la face externe de ses deux autres parois laterales contigues (2,3), qui permettent l'assemblage par emboitement dudit element avec un autre element de construction similaire par leurs faces laterales, ledit element de construction presentant en outre sur ses faces frontales externes des moyens de repereage (81) d'emplacements de reception d'autres tenons ou d'amenagement d'autres creusures, de maniere a disposer des moyens d'assemblage supplementaires pour assembler ledit element avec un autre

element de construction similaire perpendiculairement ou frontalement. **Machine translation:** The invention relates to an element of parallelepipedic construction having two opposite frontal walls and parallel to each other on either side of a boundary formed with four opposing sidewalls and parallel to each other, and two to two complementary assembly comprising means of male-female type that can be assembled by nesting the one member with other similar construction elements, wherein said construction element present assembling means for complementary, in the form of pins (T) on an external face of two of its side walls adjoining (1.4) and (creasures M, M') disposed from the outer face of its two other adjoining side walls (2, 3), which allow the snap fit assembly of said element with another element of similar construction by their The side faces, said structural element having further on its front faces (81) of external means tracking receive locations other wish or creasures of accommodating other, so as to have additional assembling means for assembling said element with another element of construction for similar perpendicularly or frontalement.

Classifications:
International (IPC 8-9): E04B2/02 E04B2/08 E04C1/39 E04C1/40 (Advanced/Invention)
CPC: E04C1/40 E04B2/08 E04B2002/0223 E04C1/397



Family:

Publication number	Publication date	Application number	Application date
DE602016012690 D1	20190516	DE201660012690T	20160126
EP3199717 A1	20170802	EP20160000176	20160126
EP3199717 B1	20190424	EP20160000176	20160126

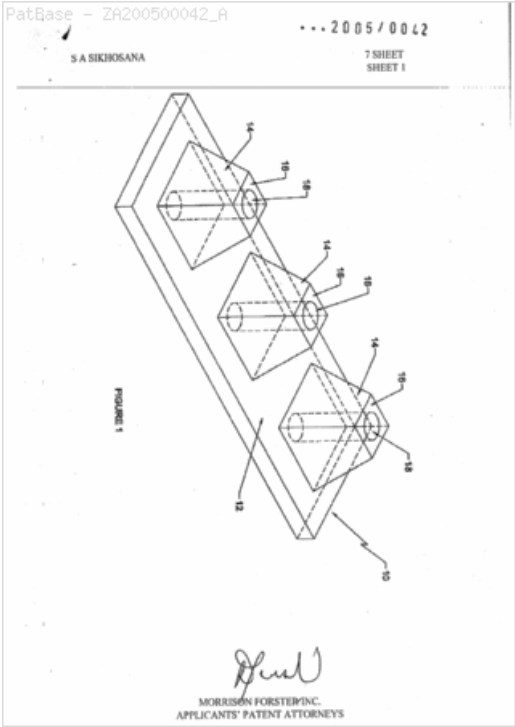
Priority:
EP20160000176 20160126
Probable Assignee: DENIAU PASCAL
Assignee(s): (std): DENIAU PASCAL
Inventor(s): (std): DENIAU PASCAL
Agent(s): THIBON NORBERT; GENDRON VINCENT CHRISTIAN
Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

12) Family number: 32435557 (ZA200500042A) © PatBase

Title: INTERLOCKING BUILDING BLOCKS

Abstract: Source: ZA200500042A [IT] Figure 1 i » ss 2005/0042 FOR PUBLICATION o **Machine translation:** Figures 1 The " ss 2005/0042 FOR PUBLICATION OR

Classifications:
International (IPC 8-9): E04C (Subclass/Invention)
International (IPC 1-7): E04C



Family:

Publication number	Publication date	Application number	Application date
■ ZA200500042 A	20050704	ZA20050000042	20050104
■ ZA200500042 A	20050928	ZA20050000042	20050104

Priority:

ZA20040002639 20040405

Probable Assignee: SIKHOSANA SIBONELO ADVOCATE

Assignee(s): (std): SIBONELO ADVOCATE SIKHOSANA ; SIKHOSANA SIBONELO ADVOCATE

Inventor(s): (std): SIBONELO ADVOCATE SIKHOSANA ; SIKHOSANA SIBONELO ADVOCATE