

Search history

Search 1: construct* and block (Results 142464)
Search 2: dry and masonry (Results 1252)
Search 3: 1 and 2 (Results 175)
Search 4: inclin* (Results 1000000)
Search 5: 3 and 4 (Results 14)

1) Family number: 22136508 (US2634602A)

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Title: INTERLOCKED BUILDING BLOCKS

Abstract: Source: US2634602A (Claim 1) 1. A substantially rectangular building block, said block including, a pair of opposite sides, a pair of opposite longitudinal faces and a pair of opposite transverse faces, a longitudinal rib formed on one of said longitudinal faces and a recess formed on the other of said longitudinal faces, said recess being of slightly greater depth than the height of the rib and otherwise corresponding in width and shape to said rib, there being a longitudinal centrally located groove in the rib and a correspondingly shaped central groove in the recess, half round grooves centrally disposed on opposite transverse faces of the block, said half round grooves communicating at their ends with said longitudinal grooves, a central opening extending through the block in substantially parallel relation with said opposite side and opposite transverse faces of the block and abutting at its opposite ends with the central longitudinal grooves, a pair of longitudinal grooves located substantially midway between said central opening and the opposite transverse faces of the block, and ventilating openings disposed on opposite sides of said longitudinal grooves and extending through the block in substantially parallel relation with said central opening and said opposite sides, the opposite ends of said ventilating openings being located in said rib and said recess respectively.

Classifications:

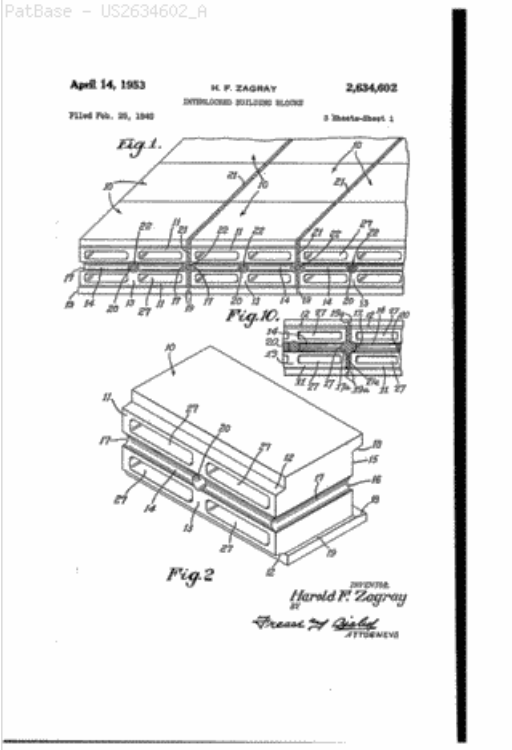
International (IPC 8-9): E04B2/48 E04B2/52
E04C1/39 (Advanced/Invention);
E04B2/02 (Advanced/Non-invention);
E04B2/42 E04C1/00 (Core/Invention);
E04B2/02 (Core/Non-invention)

International (IPC 1-7): E04B2/48 E04C1/39

CPC: E04B5/08 E04B5/44 E04B2/52 E04B2002/0208

European: E04B2/52 E04C1/38 E04B2/02M1B

US: 52/436 52/440



Family:

Publication number	Publication date	Application number	Application date
US2634602 A	19530414	US19480010650	19480225

Priority:

US19480010650 19480225

Probable Assignee: PREC BUILDING SYSTEM INC
Assignee(s): (std): PREC BUILDING SYSTEM INC
Assignee(s): PRECISION BUILDING SYSTEM INC

2) Family number: 20853954 (GB899744A)

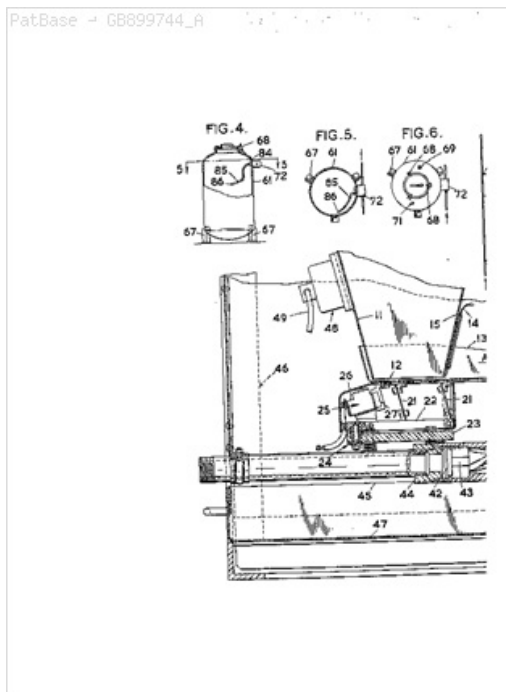
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Title: Improvements in or relating to the injection of fuel additives

Abstract: Source: GB899744A 899,744. Preventing furnace corrosion. ZACZEK, B. J. Oct. 9, 1958 [July 11, 1957], No. 22059/57. Class 51 (1). The undesirable effects of impurities in fuel are reduced by agitating a mass of dry powdery additive to form from it a cloud or suspension and entraining the suspension in a stream of gas which carries it into the high-temperature zone of a furnace separately from the fuel. A powdered additive from a hopper 11 falls in to an electromechanically vibrated tray 13 and through a funnel 17 to be entrained in a blast of air from a nozzle 37 and delivered into the combustion chamber. Helical guides 41 and a circular plate 42 serve to distribute the additive evenly in the air jet stream. In another embodiment, Figs. 4 and 5, powder in a round-ended keg 61 is agitated by a downwardly-directed jet of air from a nozzle 86 connected to the bore 82 of a head 72, Fig. 7. The powder is sucked through a bore 83 into a duct delivering it into the combustion zone by the effect of an air nozzle 77 in a Venturi passage 81. In a third embodiment, Fig. 8, the powder in the keg is agitated by air flowing from a perforated central tube 91, an amount of powder controlled by the weight of a ball 96 in the tube 91 and a damper in the outlet head 93 passing to the combustion zone. The additive may be fed into the flame of each burner of an oil-fired furnace, or over the fuel bed of a travelling grate furnace. The additive may be supplied to one or both ends of a perforated tube mounted in or alongside the secondary air supply box of the travelling grate furnace, Figs. 9-11, (not shown). A suitable powder comprises 60-70% of a magnesium salt such as the carbonate, 10-20% of carbon, 5-10% of metallic zinc or a zinc compound and 5-10% of a copper compound.

Classifications:**International (IPC 8-9):** C10L1/12 F23J7/00 (Advanced/Invention);

C10L1/10 F23J7/00 (Core/Invention)

International (IPC 1-7): C10L1/12 F23J7/00**CPC:** C10L1/12 C10L1/1208 C10L1/1233 F23J7/00**European:** C10L1/12 F23J7/00 M10L1/12A M10L1/12D**Family:**

Publication number	Publication date	Application number	Application date
GB899744 A	19620627	GB19570022059	19570711

Priority:

GB19570022059 19570711

Probable Assignee:

BOHDAN JAN ZACZEK

Assignee(s): (std):

BOHDAN JAN ZACZEK

3) Family number: 5759818 (EP0145062A2)

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Title: INDUSTRIAL PROCESS FOR THE ERECTION OF MASONRY MADE OF TERRACOTTA AND CEMENT AND BLOCKS FOR CARRYING OUT THIS PROCESS.

Abstract: The extruded blocks (0) have vertical hollows (9-14) separated by relatively thin partitions (8) and the block faces contacting other blocks are machined to be flat within a fraction of a millimetre. Part of the partitions are cut to form continuous channels extending perpendicular to the hollows and to join the channels with part of the hollows. The masonry is dry built using the blocks, steel reinforcement is placed in the channels and/or the hollows, and cement mortar is poured in the hollows and channels, to form a continuous framework.

Classifications:**International (IPC 8-9):** E04B1/16 E04B2/20 E04B2/24 E04B2/52

E04C3/20 E04F11/116 (Advanced/Invention);

E04B2/02 E04B2/86 (Advanced/Non-invention);

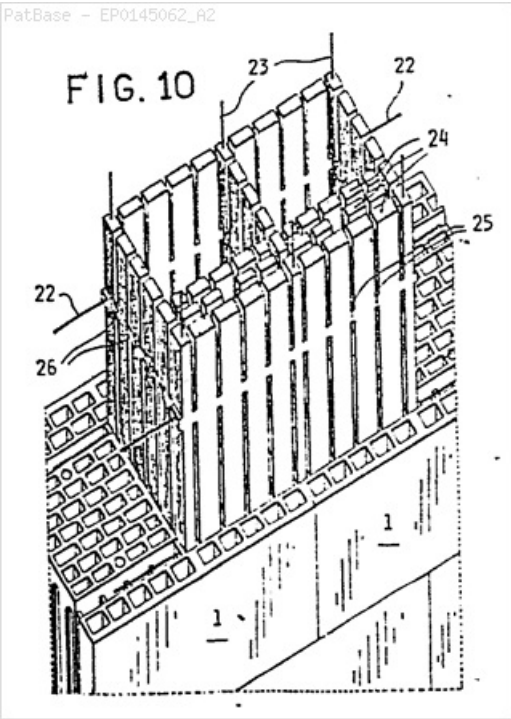
E04B1/16 E04B2/14 E04B2/42 E04C3/20 E04F11/02 (Core/Invention);

E04B2/02 E04B2/86 (Core/Non-invention)

International (IPC 1-7): E04B1/16 E04B2/20 E04C1/06 E04C1/24

E04C3/20

CPC: E04F11/035 E04B2/52 E04B1/161 E04B2/24 E04B2/8629



Family:

Publication number	Publication date	Application number	Application date
AT54698 E	19900815	AT19840201660T	19841116
DE3482749 D1	19900823	DE19843482749	19841116
EP0145062 A2	19850619	EP19840201660	19841116
EP0145062 A3	19871007	EP19840201660	19841116
EP0145062 B1	19900718	EP19840201660	19841116
IT1175288 A	19870701	IT19830068268	19831207
IT8368268 A0	19831207	IT19830068268	19831207

Priority:

IT19830068268 19831207 EP19840201660 19841116 EP19840201660 19841116

Probable Assignee: ROSSI EDE ROMEO

Assignee(s): (std): ROSSI EDE ROMEO

Assignee(s): ROSSI EDE ROMEO DR ARCH ; ROSSI EDE ROMEO DR ARCH TURIN TORINO IT

Inventor(s): (std): ROSSI EDE ROMEO ; ROSSI EDE ROMEO DR ARCH ; ROSSI EDE ROMEO DR

Inventor(s): EDE ROMEO ROSSI ; ROSSI EDE ROMEO DR ARCH TURIN TORINO IT

Designated states: AT BE CH DE FR GB LI NL SE

4) Family number: 4446401 (DE3537524A1)

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Title: Purpose-made block which consists of concrete or is in the form of a brick in order to produce walls and masonry walls of all types

Abstract: Source: DE3537524A1 The purpose-made block which can be produced from concrete or is in the form of a brick, manufactured in the conventional manner, is the central, novel structural element for walls and masonry walls using dry and mortar construction methods, also a soundproofing concrete element. Its special shape permits it also to be used advantageously for stabilising the surfaces of water courses and for erecting soundproofing walls, for assembling crash barriers and consolidating solid floors.

Classifications:

International (IPC 8-9): E01C11/22 E01C5/00 E01C9/00 E01F15/04 E01F8/02 E02B3/14 E02D29/02 E04B2/40 E04B2/86

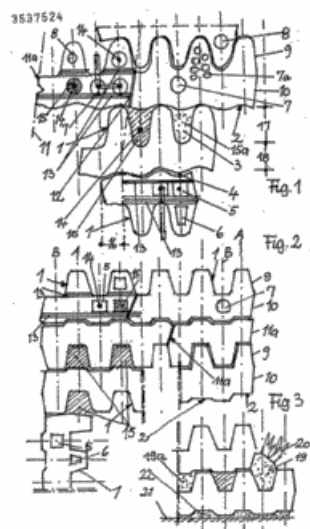
E04C1/39 (Advanced/Invention);

E01C11/00 E01C5/00 E01C9/00 E01F15/02 E01F8/02 E02B3/14 E02D29/02 E04B2/28 E04B2/86 E04C1/00 (Core/Invention)

International (IPC 1-7): E01C11/22 E01C5/00 E01C5/04 E01C5/06 E01F15/00 E01F8/00 E02B3/14 E02D17/20 E04C1/00 E04C1/10 E04C1/24 E04C1/32

CPC: E01C5/00 E01C9/004 E01C11/227 E01F8/023 E01F15/0446 E02B3/14 E02D29/02 E02D29/025 E04B2/40 E04B2/8652 E04C1/395

European: E01C11/22C3 E01C5/00 E01C9/00D E01F15/04D E01F8/02A4 E02B3/14 E02D29/02 E02D29/02E E04B2/40 E04B2/86J E04C1/39B



109 60034

Family:

Publication number	Publication date	Application number	Application date
DE3537524 A1	19870514	DE19853537524	19851022

Priority:

DE19853537524 19851022

Probable Assignee: SCHLEICH MARKUS**Assignee(s):** (std): SCHLEICH MARKUS**Inventor(s):** (std): SCHLEICH JOSEF DIPL ING ; SCHLEICH MARKUS**5) Family number: 30545299 (US2005120715A)**

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Title: HEAT ENERGY RECAPTURE AND RECYCLE AND ITS NEW APPLICATIONS

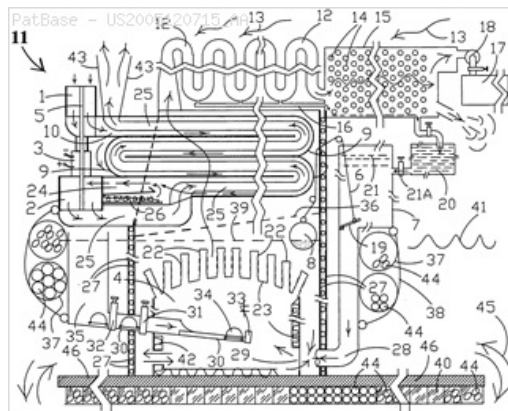
Abstract: Source: US2005120715A What has been created is a plurality and a variety of processes and a variety of devices correspondingly supportive to each process, wherein, a new partnership between; (1) a heat absorbing radiator compressed air pipes/tubes and (2) a gas turbine engine or a reciprocating piston engine, is used to recapture and reconvert the, otherwise wasted, heat energies expelled by engines, by factories, by smelting plants, by distillation plants, by chillers/coolers/freezers, by cooking ovens, by lamps/stoves, by trash burners, and the heat energies created by the solar heat on the desert/ocean water, into electric power and finally into hydrogen-deuterium fuel, by having the engine's tailpipes submerged in cold compressed air inside the heat absorbing radiator pipes in reverse air flow, to further drive and re-drive the same engine; wherein, in order to capture fusion heat energy the hydrogen bomb is detonated in the deep ocean to catch the flames by the water and the hot water is used to energize the compressed air inside the heat absorbing radiator pipes; wherein, in order to produce fusion energy, an abundant electric arc is passed across liquid deuterium or across gaseous deuterium by the electro-plasma torch and sparkplug in the internal combustion engine, and by detonating a dynamite inside a liquid deuterium; wherein diamond is produced by placing carbon inside the hydrogen bomb; and wherein, deuterium fusion flame is used first in smelting glass to large sizes before running an engine.

Classifications:

International (IPC 8-9): B01D61/10 B63B1/10 B63B1/12 B63B35/00 B63B35/44 B63B39/06 B63B43/06 B63G1/00 B63G8/30 B63H19/02 B63H9/06 B63H9/10 B63J3/00 B64C31/04 B64C31/06 E02B3/06 F01K13/00 F01K23/10 F01K27/00 F02C1/00 F02C1/05 F02G5/00 F03B13/18 F03D11/04 F03D5/00 F03D5/04 F03G7/00 F24F5/00 F24F6/14 F28D5/00 (Advanced/Invention); B63B1/24 B63J1/00 F24F1/00 (Advanced/Non-invention); B01D61/02 B63B1/00 B63B35/00 B63B35/44 B63B43/00 B63H9/00 B63J3/00 E02B3/06 F01K23/10 F01K27/00 F02C1/00 F02G5/00 F03B13/00 F03D5/00 F03G7/00 (Core/Invention)

International (IPC 1-7): B01D61/10 B63B17/00 B63B35/00 B63B7/00 F01K23/10 F03D5/02 F03D5/04 F03G7/00 F04B35/00 F24F6/14 F28D5/00
CPC: B63H9/06 B63H9/1021 F05D2260/212 F01K27/00 F02C1/05 F03G7/00 Y02T50/672 Y02T50/676 B63B1/121 Y02W10/33 Y02W10/37 B63B1/107 B63B1/24 B63B39/06 B63B2039/067 B63G1/00 B63G8/30 B63H19/02 B63J1/00 C02F1/04 F05B2240/40 Y02T70/59 B63B35/00 B63B43/06 B63J3/00 E02B3/062 E02B2017/0091 F03B13/182 F03D5/04 F24F5/0035 F24F6/14 Y02B10/30 Y02B10/50 Y02E10/38 F03D13/20 F28D5/00 B01D61/10 B63B35/44 B63B2035/446 B63B2035/4466 B64C31/04 B64C31/06 F03D5/00 F05B2240/921 F05B2240/922 F24F2001/0088 Y02B30/545 Y02E10/70 Y02E10/728 B63H9/10 F05B2210/18

European: B01D61/10 B63B1/10C B63B1/12B B63B35/00 B63B35/44 B63B39/06 B63B43/06 B63G1/00 B63G8/30 B63H19/02 B63H9/06 B63H9/10 B63H9/10C B63J3/00 B64C31/04 B64C31/06 E02B3/06B F01K27/00 F02C1/05 F03B13/18B2D F03D11/04 F03D5/00 F03D5/04 F03G7/00 F24F5/00C7 F24F6/14 F28D5/00 L63B1/24 L63B35/44 L63B35/44E7 L63B35/44E9 L63B39/06R



L63B43/06 L63H9/10 L63J1/00 L63J3/00 M02F1/04 P02B17/00M R05B210/18 R05B240/40 R05B240/921 R05B240/922
R05B240/931 R05B260/212 R24F1/00G1 Y02B10/30 Y02B10/50 Y02B30/14 Y02B30/54D Y02E10/38 Y02E10/70 Y02E10/72L
Y02E10/72N Y02E20/18 Y02T50/67B2 Y02T50/67F2 Y02T70/59
US: 114/102 114/267 114/382 114/39.1 114/39.2 114/39.26 114/39.29 114/39.31 210/136 210/170 210/259 210/321.87
244/153.00R 244/153R 244/24 405/76 415/5 416/8 417/330 417/332 60/39.01 60/506 60/618 60/618P 60/676 60/698 60/698P
60/772 62/304 62/310 62/314 623/40

Family:

Publication number	Publication date	Application number	Application date
AP200704109 A0	20070831	AP20070004109	20050727
AU2005325208 AA	20060727	AU20050325208	20050727
AU2005325208 BB	20120329	AU20050325208	20050727
CA2397847 AA	20040212	CA20022397847	20020812
CA2404410 AA	20040320	CA20022404410	20020920
CA2599414 AA	20070823	CA20052599414	20050727
CN101146981 A	20080319	CN200580049207	20050727
EA200701538 A1	20081030	EA20070001538	20050727
EP1851418 A1	20071107	EP20050779535	20050727
EP1851418 A4	20090513	EP20050779535	20050727
IN05612DN2007 A	20070831	IN2007DN05612	20070719
US2005120715 AA	20050609	US20050039624	20050120
US2008155985 AA	20080703	US20050795835	20050727
US4756666 A	19880712	US19840631321	19840719
US4859146 A	19890822	US19880177599	19880405
US5027735 A	19910702	US19900472753	19900131
US5052902 A	19911001	US19860820082	19860121
US5056447 A	19911015	US19880255657	19881013
US5094595 A	19920310	US19890376002	19890815
US5435259 A	19950725	US19930097655	19930727
US5507943 A	19960416	US19910811470	19911218
US6293121 BA	20010925	US19980137499	19980820
US6327994 BA	20011211	US19970999729	19971223
US8051637 BB	20111108	US20050795835	20050727
WO06078315 A1	20060727	WO2005US26793	20050727
WO06078315 C1	20061102	WO2005US26793	20050727

Priority:

CA20022397847	20020812	CA20022404410	20020920	PH20040000148	20040325
US19880255719	19881013	US19860820082	19860121	US19840631321	19840719
US19880177599	19880405	US19880255657	19881013	US19840631322	19840719
US20050795835	20050727	US19970058062P	19970905	US19900472753	19900131
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US19950506335	19950725	US19910811470	19911218	US20050039624	20050120
WO2005US26793	20050727	US19970999729	19971223	US19980137499	19980820

Probable Assignee: CHRISTIAN SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATION TRUST

Assignee(s): (std): CHRISTIAN SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATION TRUST ; CHRISTION SCHOOL OF TECHNOLOGY ; LABRADOR GAUDENCIO A ; LABRADOR GAUDENCIO AQUINO ; GAUDENCIO LABRADOR ; LABRADOR GAUDENCIO ; CHRISTIAN SCHOOL OF TECHNOLOGY

Assignee(s): CHRISTIAN SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATI ; CHRISTION SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATION TRUST ; CHRISTION SCHOOL OF TECHNOLOGY CHARITABLE FOUNDATI

Inventor(s): (std): LABRADOR GAUDENCIO AQUINO ; LABRADOR GAUDENCIO A ; CHRISTIAN SCHOOL OF TECHNOLOGY

Inventor(s): LABRADOR GAUDENCIO ; CHRISTIAN SCHOOL OF TECHNOLOGY CHARITABLE ; GAUDENCIO AQUINO LABRADOR

Agent(s): ROGER SYN AND CO PATENT AND TRADE MARK ATTORNEYS; FURMAN AND KALLIO; OYEN WIGGS GREEN AND MUTALA LLP; GAUDENCIO AQUINO LABRADOR

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 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

6) Family number: 11777908 (US5987831A)

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Title: Building materials

Abstract: Source: US5987831A A building product has an exposed surface provided by a multiplicity of linearly extending parallel asymmetric depressions of saw tooth configuration. Thus, a coloured exposed surface appearance apparently changes colour as relative positions of the building product and viewer change.

Classifications:

International (IPC 8-9): B28B7/00 B44F1/08 E01C5/00 E01C5/06

E04C2/32 E04F15/00 E04F15/08 (Advanced/Invention);

B28B7/00 B44F1/00 E01C5/00 E04F15/08 (Core/Invention)

International (IPC 1-7): B44F1/00 E01C5/00 E01C5/06 E04C2/32

E04F15/00 E04F15/08

CPC: B28B7/0082 B44F1/08 E01C5/00 E04F15/08

European: B28B7/00F6 B44F1/08 E01C5/00 E04F15/08

US: 52/311.1 52/314 52/316 523/160

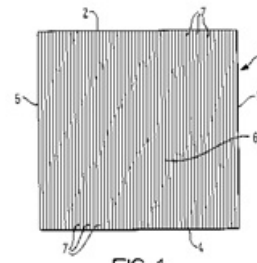


FIG. 1

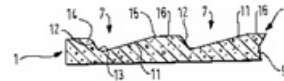


FIG. 2

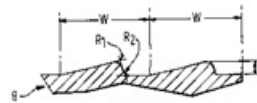


FIG. 3

Family:

Publication number	Publication date	Application number	Application date
CA2226199 AA	19980824	CA19982226199	19980105
EP0860549 A2	19980826	EP19970310674	19971230
EP0860549 A3	19990113	EP19970310674	19971230
GB9703751 A0	19970416	GB19970003751	19970224
US5987831 A	19991123	US19970002288	19971231

Priority:

CA19982226199 19980105 GB19970003751 19970224

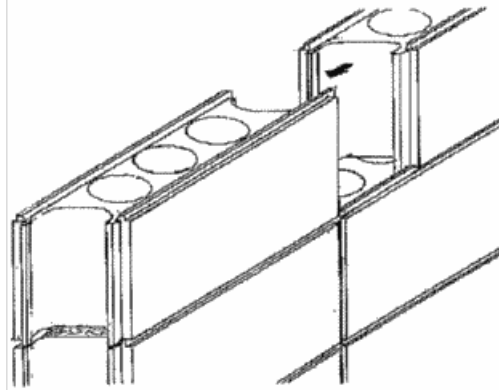
Probable Assignee: MARLUX PLC**Assignee(s):** (std): MARLUX N V**Assignee(s):** MARLUX NV ; MARLUX PLC ALBERTKADE ; MINI SYSTEMS INC ; MARLUX PLC ; LAMBERTS VAN ASSCHE LOUIS ; MARLUX ALBERTKADE NV ; MARLUX GARDEN ALBERTKADE NV ; MARLUX GARDEN NV**Inventor(s):** (std): LAMBERTS VAN ASSCHE LOUIS**Agent(s):** GOWLING LAFLEUR HENDERSON LLP**Designated states:** AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE**7) Family number: 13566721 (JP2000001930A)**

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Title: MESHING TYPE CONCRETE BLOCK

Abstract: Source: JP2000001930A PROBLEM TO BE SOLVED: To firmly connect mutual blocks, and hold horizontal/vertical accuracy by applying a belt like recess/projection to vertical/lateral end parts of an existing product such as a block. SOLUTION: A belt-like recess/projection is applied to the vertical/lateral end parts of an existing product of a block. The recessed/projecting block formed in this way is placed on a block of a lower stage, and is pressed to either of the left and right sides to be stacked in a set by meshing with an adjacent block. Thus, even a fine adjustment of a lateral height and an inclination of the wall surface is made by merely confirming them by stretching thread after several block stages are stacked in a set, so that it is well enough to insert a solid material into the joint part only when requiring a fine adjustment of a height and an inclination of the wall surface. Thus, lack of a skilled engineer is solved, an adhesive material cost is reduced, a process is omitted, a labor cost is reduced, execution work accuracy is improved, one day assembling restriction is lifted, a construction period is shortened, and safety and stability in the rear of dry masonry can be held.

Classifications:**International (IPC 8-9):** E04B2/02 (Advanced/Invention); E04B2/02 (Core/Invention)**International (IPC 1-7):** E04B2/02

**Family:**

Publication number	Publication date	Application number	Application date
JP2000001930 A2	20000107	JP19980204221	19980615

Priority:

JP19980204221 19980615

Probable Assignee: YAMATO CONCRETE KOGYO KK**Assignee(s):** (std): KAGAWA KENJI ; YAMATO CONCRETE KOGYO KK**Inventor(s):** (std): KAGAWA KENJI**8) Family number: 28824749 (US2003126821A)**

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Title: MASONRY BLOCK AND METHOD OF MAKING SAME

Abstract: Source: US2003126821A Molds and processes that permit high-speed, mass production of retaining wall blocks having patterned or other processed front faces, as well as retaining wall blocks formed by such processes. The invention permits the front face of the block to be impressed with a pattern or otherwise directly processed, to allow the formation of pre-determined block front faces, while at the same time facilitating high-speed, high-volume production of blocks. Pre-determined front faces can include front faces having pre-determined patterns and textures, front faces having predetermined shapes, front faces made from different material(s) than the remainder of the block, and combinations thereof.

Classifications:

International (IPC 8-9): B28B1/08 B28B1/14 B28B3/00 B28B3/02 B28B3/04 B28B3/08 B28B7/00 B28B7/02 B28B7/10 B28B7/16 B28B7/20 B28B7/24 B28B7/34 B28B7/38 B28B7/40 B28B7/42 B29B7/00 B29C33/38 B29C33/42 B29C43/02 B29C59/02 E02D29/02 E04B1/02 E04B2/02 E04C1/00 E04C1/39 E04C2/04 G06F17/50 G06F19/00 (Advanced/Invention);

B29C39/00 E04B2/02 (Advanced/Non-invention); B28B3/02 B28B3/08 B28B7/00 B28B7/10 B28B7/16 B28B7/34 B28B7/38 B29C59/02 E02D29/02 E04B2/02 E04C1/00 E04C2/04 (Core/Invention)

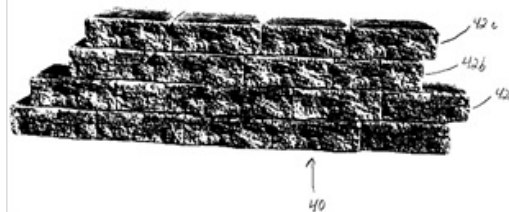
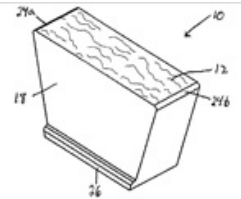
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CPC: Y10S425/058 B29C33/424 B28B3/08 B28B7/0044 B28B7/0097 B28B7/20 B28B7/346 B28B7/38 E04B2002/0269 E04C1/395 B28B1/14 E04C1/00 B28B7/10 B28B7/02 B28B7/0055 B28B3/021 B29C33/3842 B29B7/007 B28B7/007

European: B28B3/08 B28B7/00B3D B28B7/00F2 B28B7/00K B28B7/20 B28B7/34D B28B7/38 E04C1/39B L28B3/08 L28B7/00B3D L28B7/20 L28B7/38 P04B2/02N6

US: 1/1 264/119 264/119S 264/219 264/219P 264/236 264/293 264/297.9 264/314 264/318 264/333 264/333P 264/334 264/336 264/71 405/286 405/286S 425/223 425/253 425/253S 425/363 425/413 425/442 425/452 425/DIG.58 52/596 52/596P 52/599 52/599S 52/604 52/604P 52/742.14 52/742.140P 700/117 700/117P 700/164 700/197 700/197S 700/98 700/98S

PatBase - US2003126821_AA

**Family:**

Publication number	Publication date	Application number	Application date
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AU2002360807 AB	20050106	AU20020360807	20021227
AU2002360807 BB	20080410	AU20020360807	20021227
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AU2008203039 AA	20080731	AU20080203039	20080710
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Priority:

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US20130972492	20130821	US20140494839	20140924	US20150835105	20150825

Probable Assignee: ANCHOR WALL SYST

Assignee(s): (std): ANCHO WALL SYSTEMS INC ; ANCHOR WALL SYST ; ANCHOR WALL SYSTEM ; ANCHOR WALL SYSTEMS INC ; SCHERER RONALD J
Assignee(s): LACROIX DAVID MATTHEW ; BOLLES GLENN C ; BOLLES GLENN CLARKE ; ANCHOR WALL SYSTEMS INC MINNETONKA
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Inventor(s): DAVID MATTHEW LAXROIX ; BOLLES GLENN CLARKE EDINA ; BAILEY PAUL ; LACROIX DAVID MATTHEW CIRCLE PINES ; SCHERER RONALD J OAK PARK HEIGHTS
Agent(s): GRIFFITH HACK; RIDOUT AND MAYBEE LLP; HOFFMANN EITLE PATENT U RECHTSANWAELTE PARTMBB; PAWLYN ANTHONY NEIL; Pawlyn Anthony Neil; ISONO MICHIZO; ATTENTION OF JULIE R DAULTON MERCHANT AND GOULD PC; MERCHANT AND GOULD PC
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

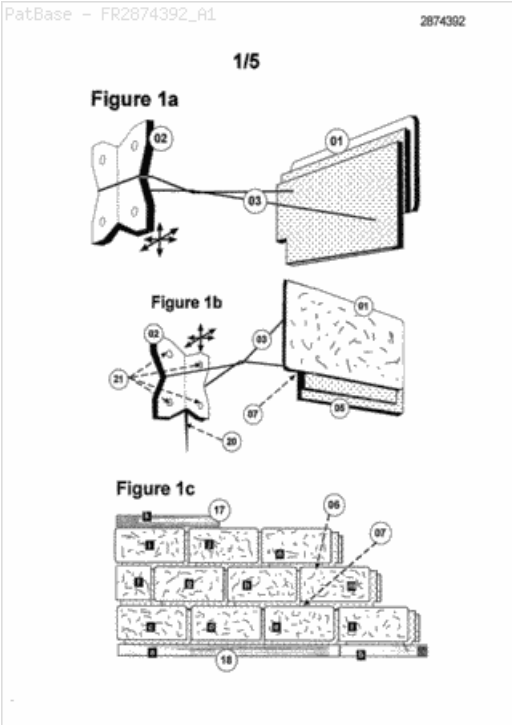
9) Family number: 32662052 (FR2874392A)

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Title: MODULAR SYSTEM FOR E.G. FORMING SUPPORTING WALL, HAS SIMPLE FLEXIBLE CABLE THAT IS CAST AND WIND UP IN FACING PLATE, WHERE CABLE PERMITS TO ADJUST TENSION BETWEEN PLATES BY TORSION AND ROTATION ON MEDIAN AXIS OF FACING PLATE

Abstract: The system has a facing plate (1) and an anchoring plate (2) for forming a supporting wall. A simple flexible cable (3) is cast and wind up in the facing plate. The cable permits to adjust tension between the facing and anchoring plates by torsion and rotation on a median axis of the facing plate. The anchoring plate is placed in an inclined manner and at distance from the facing plate.

Classifications:
International (IPC 8-9): E02D29/02 (Advanced/Invention);
E02D29/02 (Core/Invention)
CPC: E02D29/0233
European: E02D29/02D1



Family:

Publication number	Publication date	Application number	Application date
FR2874392 A1	20060224	FR20040008915	20040817

Priority:
FR20040008915 20040817

Probable Assignee: BOSCHER DOMINIQUE GEORGES GUY
Assignee(s): (std): BOSCHER DOMINIQUE GEORGES GUY
Inventor(s): (std): BOSCHER DOMINIQUE GEORGES GUY

10) Family number: 47449844 (US2010270389A)

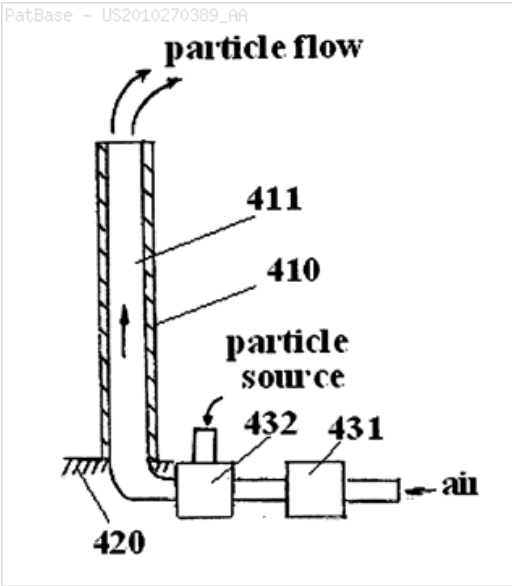
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Title: METHOD OF DANGEROUS PHENOMENA (MAINLY, HURRICANE) AND GLOBAL WARNING WEAKENING

Abstract: Source: US2010270389A The method of gradual weakening of moving hurricane which prevents to gain in maximum energy and some means useful at protection against hurricanes and global warming weakening are offered.

Classifications:

International (IPC 8-9): A01G15/00 (Advanced/Invention)
CPC: A01G15/00
European: A01G15/00
US: 239/14.1 239/14.100S 239/2.1 239/2.100P



Family:

Publication number	Publication date	Application number	Application date
US2010270389 AA	20101028	US20090590322	20091106

Priority:

US20090386847 20090424 US20090590322 20091106

Probable Assignee: FELDMAN BORIS

Assignee(s): (std): FELDMAN BORIS

Inventor(s): (std): FELDMAN BORIS

Agent(s): FELDMAN BORIS

11) Family number: 53179245 (BRPI1004610A) © PatBase

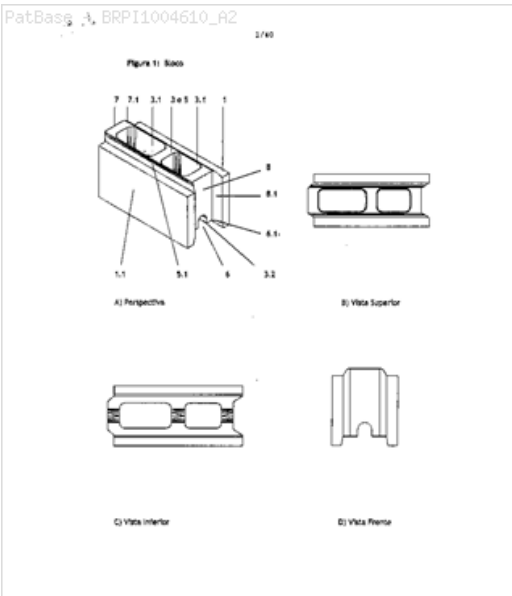
Title: blocos de encaixe e processo para construçco de edificaçoes empregando esse blocos Blocks and fitting process for construçco blocks of buildings employing this (Machine translation)

Abstract: Source: BRPI1004610A BLOCOS DE ENCAIXE E PROCESSO PARA CONSTRUCCO DE EDIFICACOES EMPREGANDO ESSES BLOCOS A presente invençao refere-se a blocos de encaixe para alvenarias exteriores, interiores, processo de construçao e/ou auto-construçao. Estes blocos constituem um sissem a modular de encaixe nos guatros lados, derivados do bloco principal. Este e suas variantes pretendem abranger todas as hipoteses de aplicaçao em construçao. A invençao permite: construçao de alvenaria de enchimento inter-estrutural de grandes edificaçoes com estruturas em betao armado ou aco; manuseamento dos blocos de forma rapida, eficiente reduzindo esforco fisico ou mecanico, reduzindo o seu peso; proporcionar encaixes nas faces de junta dos blocos, para que se montem e justaponham com facilidade e rapidez; proporcionar o eficaz travamento dos blocos atraves dos encaixes e a eliminacão do assentamento com argamassas; possibilitar a criacão no estruturas constituídas por pilares e vigas integrados nas alvenarias; tornar possivel a integracão de canalizacões nas alvenarias; reforcar o isolamento termico e sonoro, 4- auraves de parede dupla, permitindo a existencia de uma caixa-de-ar.

Machine translation: BLOCKS AND FITTING PROCEDURE FOR USING THESE CONSTRUCCO BUILDING BLOCKS The present invention relates to docking blocks for masonry exteriors, interiors, construction process and / or self-construction. These blocks are a sissem a modular engaging in guatros sides, derived from the main block. This and its variants are intended to encompass all chances of application in construction. The invention allows: construction of masonry filler inter-structural building large structures in reinforced concrete or steel; handling of the blocks so quickly, efficiently reducing mechanical or physical effort, reducing your weight; provide joint fittings on the faces of the blocks so that they assemble and justaponham easily and quickly; provide effective locking blocks through fittings and elimination of the settlement with mortars; enable the creation in structures composed by columns and beams embedded in masonry; make possible the integration of plumbing in masonry, reinforce the thermal and acoustic insulation, 4 - auraves double wall, allowing the existence of a box-to-air.

Classifications:

International (IPC 8-9): E04B2/00 E04C 1/39 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
BRPI1004610 A2	20130226	BR2010PI04610	20101103

Priority:

BR2010PI04610 20101103

Probable Assignee: INBLOCK SERVICOS E CONSULTADORIA LDA
Assignee(s): (std): INBLOCK SERVICOS E CONSULTADORIA LDA
Inventor(s): (std): GONCALVES JOAQUIM A
Inventor(s): JOAQUIM A GONCALVES

12) Family number: 59415885 (US2016281356A) © PatBase

Title: MACHINE FOR MAKING INTERLOCKING AND INTERFITTING MASONRY UNITS AND MASONRY SYSTEM THEREOF

Abstract: Source: US2016281356A The present invention relates to a machine for making solid as well hollow interlocking and interfitting masonry units and masonry system for semi-automated masonry construction. Self-alignment and self-adjustment of the masonry units is achieved due to its interlocking and interfitting features resulting in a gap all around two masonry units within their width which are interconnected throughout the masonry work enabling bonding of masonry units by pumping cement and water slurry from one or more points. The present invention also relates to masonry unit for making formwork for columns and shear walls and also to masonry units for L, T and + joints in masonry work produced by modifying moulds in above referenced machines. The present invention also relates to machine to manufacture masonry units of any dimensions depending on its requirement out of a suitable combination of materials such as cement, lime, gypsum, fly ash, sand, dust of stone etc.

Classifications:

International (IPC 8-9): B28B3/08 B28B7/18 B30B11/02 C04B E04B2/16 E04B2/32 E04B2/40 E04C1/39 (Advanced/Invention)
CPC: B30B11/025 E04C1/39 B28B3/08 B28B7/183 E04B2/32 E04B2/40 E04B2002/0208
US: 52/505

Publication number	Publication date	Application number	Application date
CA2941417 AA	20160830	CA20142941417	20141030
EP3074196 A2	20161005	EP20140821299	20141030
IN03485DE2013 A	20150605	IN2013DE03485	20131129
US2016281356 AA	20160929	US20140037188	20141030
WO15079454 A2	20150604	WO2014IN00688	20141030
WO15079454 A3	20150903	WO2014IN00688	20141030
WO15079454 A4	20151029	WO2014IN00688	20141030

IN2013DE03485 20131129 WO2014IN00688 20141030

Assignee(s): (std): SACHCHIDA NAND SINHA ; SINHA SACHCHIDA NAND

Inventor(s): (std): SACHCHIDA NAND SINHA ; SINHA SACHCHIDA NAND

Agent(s): FOGLER RUBINOFF LLP; NEYMEYR ULRICH THEODOR PAUL; M P BHATNAGAR

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 RA RO RS 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

Title: PANO DE PIEZAS MODULARES Y MANO PORTABLES PARA LA CONSTRUCCION DE FACHADAS VENTILADAS DE JUNTA CERRADA Y PROCEDIMIENTO DE CONSTRUCCION E INSTALACION DE DICHO PANO A EDIFICACIONES PANO MODULAR PARTS AND PORTABLE HAND FOR BUILDING CLOSED ventilated facades BOARD AND METHOD FOR CONSTRUCTION AND INSTALLATION OF SUCH A BUILDING PANO (Machine translation)

Abstract: Source: CO7420250A Resumen Pano de piezas modulares y mano portables para la construccion de fachadas ventiladas de junta cerrada. Comprende una pluralidad de elementos metalicos articulados mecanicamente entre si, formando una reticula de soporte para una pluralidad de piezas modulares provistas de unas configuraciones de sujecion y apareamiento colgadas, con al menos uno de dichos elementos metalicos para disponerse en dicha reticula. El procedimiento de instalacion comprende la construccion de la mencionada reticula, y el posterior anclaje a los bordes de losa del sistema estructural del edificio, de la pluralidad de elementos metalicos formando una reticula de soporte y disponiendo al mismo tiempo hiladas de piezas modulares a partir de las configuraciones de sujecion y apareamiento aplicadas en dichas piezas, hasta cubrir el area de fachada requerida. Summary Pano modular and portable hand parts for the construction of ventilated facades closed meeting. Comprises a plurality of articulated metal elements mechanically to each other, forming a grid for supporting a plurality of modular parts include configurations for fastening and hanging rigging, with at least one of said metallic elements to be disposed on said reticle. The installation procedure involves the construction of said crosslinked, and subsequent attachment to the edges of slab structural system of the building, of the plurality of metallic elements forming a network of support and arranging courses at the same time from modular pieces the subjection and rigging configurations applied in these parts, to cover the area required facade.

International (IPC 8-9): E04B2/82 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
CO7420250 A1	20151020	CO20150154003	20150706

Priority:

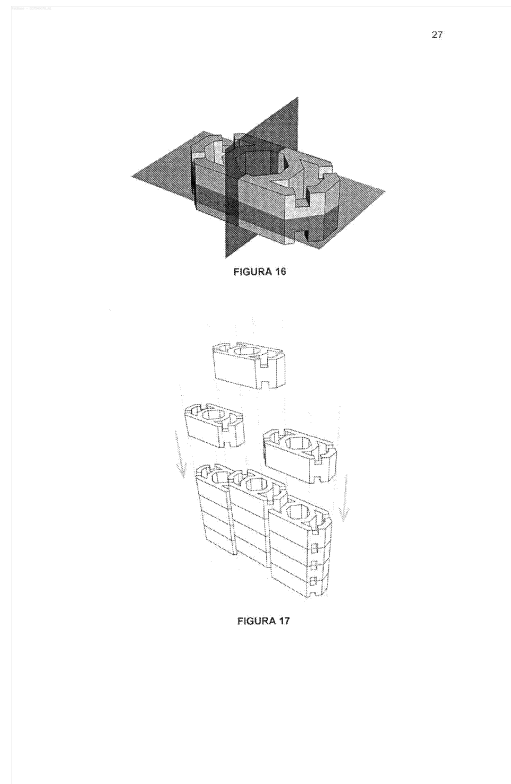
CO20150154003 20150706

Probable Assignee: JUAN MANUEL GARCIA RICO**Assignee(s):** JUAN MANUEL GARCIA RICO**Inventor(s):** JUAN MANUEL GARCIA RICO**Agent(s):** JUAN LUIS PEREZ ESCOBAR**14) Family number: 62613671 (CO7540078A)**

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Title: BLOQUES, SISTEMA ESTRUCTURAL Y METODO DE MAMPOSTERIA EN SECO BLOCKS, STRUCTURAL SYSTEM AND METHOD OF drywall (Machine translation)

Abstract: Source: CO7540078A La presente invencion consiste de una pluralidad de bloques modulares que pueden ser encajados entre si para formar una estructura que se comporta como una estructura monolitica, sin que sea necesario utilizar pegamentos, rellenos u aglutinantes. Estos bloques resultan particularmente utiles en un sistema de mamposteria seco, sin uso de mortero, en el que se puede obtener una resistencia estructural mayor, sin complicar el proceso de ensamble y minimizando la probabilidad de error, mejorando el uso de recursos y mejorando la calidad incluso con personal no calificado. The present invention consists of a plurality of modular blocks that can be fitted together to form a structure that behaves like a monolithic structure without the need to use adhesives, fillers or binders. These blocks are particularly useful in a system of dry masonry without using mortar, which can obtain greater structural strength without complicating the assembly process and minimizing the probability of error, improving the use of resources and improving the quality even with unqualified personnel.

Classifications:**International (IPC 8-9):** E04B2/08 (Advanced/Invention)**Family:**

Publication number	Publication date	Application number	Application date
CO7540078 A1	20160310	CO20150290122	20151204

Priority:

CO20150290122 20151204

Probable Assignee: DANIEL RODRIGUEZ ESTRADA**Assignee(s):** DANIEL RODRIGUEZ ESTRADA**Inventor(s):** DANIEL RODRIGUEZ ESTRADA**Agent(s):** JUAN PABLO CADENA SARMIENTO