

#### Search history

Search 1: SFT=(metal 2w formwork and concrete and moulding) (Results 28)

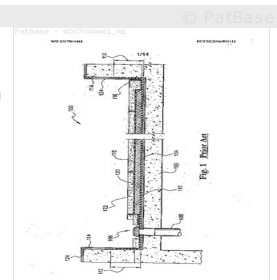
1) Family number: 34383384 (WO07040461A1)

#### COMPOSITE CEMENT-FOAM PANEL AND ROOF DECK SYSTEM

**Abstract:** A roof or deck cladding panel and construction. Each cladding panel has a light weight core material, with one or more channels formed by grooves extending across a bottom surface of the core material. A rigid concrete casing is formed over a top and sides of the core material and extends to the bottom edges of the core material. The grooves in the bottom of the core material extend through bottom portions of the rigid casing, forming at least one continuous channel across the bottom of the cladding panel. Thus, water beneath the cladding panel is presented an open passage to flow to a drainage, eliminating the need to attempt to waterproof or seal the joints between cladding panels. The cladding panels are laid down directly onto a membrane to protect the membrane, and are immediately ready for foot traffic.

**Probable Assignee:** LIM JEE KENG JAMES

**Earliest Publication Date:** 20070412



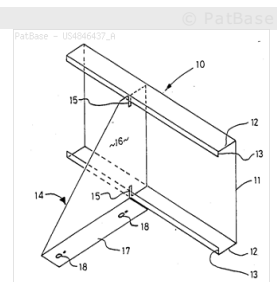
2) Family number: 30377039 (US4846437A)

#### BRACKET FOR SUPPORTING CONCRETE FORMWORK

**Abstract:** Source: US4846437A Mold fabrication apparatus for forming molds is disclosed. The mold fabrication apparatus includes edge members (10) with lipped flanges (12) which extend rearwardly from the mold face (11), and brackets (14) which are notched to engage with the lipped flanges (12) at any desired positions along each edge member (10). The brackets (14) are flanged to enable them to be secured to a surface to locate the edge members (10).

**Probable Assignee:** FITZGERALD L R

**Earliest Publication Date:** 19870820



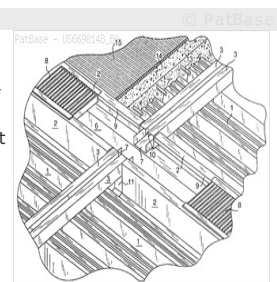
3) Family number: 30964635 (US6698148B)

#### DEMOUNTABLE MODULAR FLOOR FOR WATERTIGHT RAISED DECKS

**Abstract:** Source: US6698148B A demountable modular floor for watertight raised decks consisting of a plurality of modularly assemblable composite slabs made of steel sheet and concrete, provided with a drainage system for collecting and conveying the rainwater between the slabs, wherein each composite slab comprises a bottom element (1) made of corrugated metal sheet surrounded by four suitably shaped metal sections (2, 3) and filled with a concrete layer (14), as well as four segments of upwardly open gutters (6, 7) peripherally arranged around said composite slab. The structure is completed by grid elements (8) covering the gutters (6) of larger width. The floor structure allows a rapid setting up of the raised deck and, at the same time, it affords the total dismantling thereof and prevents any seepage or leakage of water towards the underlying area.

**Probable Assignee:** FAST PARK SISTEMA SRL

**Earliest Publication Date:** 20000926



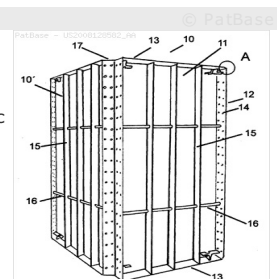
4) Family number: 34850937 (US2008128582A)

#### METAL FORMWORK WITH ACCESSORIES FOR MOULDING CONCRETE

**Abstract:** Source: US2008128582A The present invention relates to a formwork metallic form the molding in concrete in construction works and substructure. The invention is easy handle for uses numerous, with characteristic modular to facilitate the connection between them by means accessories metallic. These formworks metallic are modules which form steel sheets with reinforcements and are sizes according the requirements in work. These formworks by given its vicinity the give the form to concrete especially walls flagstones and mezzanine's slabs. The production is made in steel sheet from 2 to 3 mms of thickness and the conformed units can have a weight of up to 43 kilograms and in dimensions that vary from the 5 to 80 cms of wide, and from the 20 cms to 240 cms of height, with growing scales of 5 cms among the different measures.

**Probable Assignee:** RODRIGUEZ GUSTAVO SERRANO

**Earliest Publication Date:** 20041130



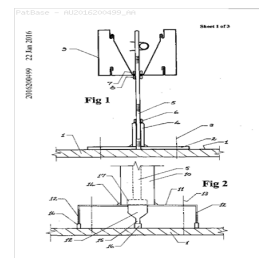
5) Family number: 60823710 (AU2016200499A)

#### SUPPORTING CHAIRS FOR HOB MOULD AND OTHER BUILDING ELEMENTS

**Abstract:** Source: AU2016200499A A chair to temporarily support from formwork elements to be embedded in reinforced concrete structures, said chair comprising a separate body part, a threaded bore passing centrally and vertically 5 through said body part, said body part being supported above said formwork on three or more splayed, equally-spaced legs, a column supporting said elements in the form of a stiff, threaded rod screwably engaged with said threaded bore, said legs being fixable to said formwork and the height of said supported elements above said 10 formwork being adjustable by screwably displacing said column in an appropriate sense in said threaded bore. Sheet 2 of 3 Fig 3a Fig 3b Fig 3c

**Probable Assignee:** PANTANO INVEST PTY LTD

**Earliest Publication Date:** 20151119



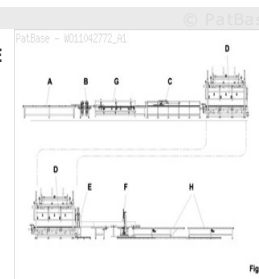
**6) Family number:** 48740022 (WO11042772A1)

## A PLANT FOR THE PRODUCTION AND CUTTING TO SIZE OF METAL-REINFORCED FORMWORK MADE OF INSULATING MATERIAL

**Abstract:** This is a new plant for the production and cutting to size of stay-in- place formwork, made of a foam synthetic insulating material with a metal reinforcement (S) consisting of parallel linear metal bars juxtaposed and joined together by connecting wires, including a unit for welding the metal bars, a forward feed unit (C) for moving said welded metal reinforcement elements (S) towards the mould or moulding chamber (D); a moulding chamber (D) having a generically parallelepiped shape and front openings (D51) on the inlet wall (D5) for the transit and insertion of the metal reinforcement elements (S), but no rear wall at the outlet, and at least one unit for cutting the form produced, installed on at least one sliding trolley (F3).

**Probable Assignee:** BIOISOTHERM SRL

**Earliest Publication Date:** 20110414



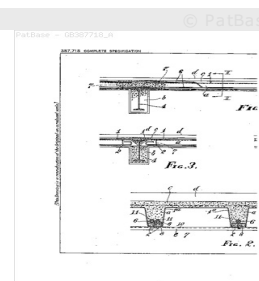
**7) Family number:** 20311693 (GB387718A)

## IMPROVEMENTS IN AND RELATING TO REINFORCED CONCRETE SLAB CONSTRUCTION

**Abstract:** Source: GB387718A 387,718. Floors, roofs, and c. casting floors in situ. DRABBLE, E. A., Far End, Somerset Way, Iwer, Buckinghamshire, and HEWITT, A. E., Edrene, Harrow Road, Sudbury, Middlesex. Aug. 13, 1931, No. 22858. [Classes 20 (ii) and 20 (iv).] Reinforced-concrete slabs for floors, roofs, bridge decking, and like structures, comprise metal forms 1 of inverted channel form with flanges 2 in alignment to receive concrete c, the forms spanning between the walls, joists, or other supports, and remaining as part of the finished structure. Part of the sides and top of the forms may be of mesh or expanded metal. In the floor construction shown, the forms are supported at one end on brickwork 3 and at the other end on a girder 4 preferably provided with a concrete embrasure b. Reinforcement 5, 6 is embedded in the concrete c supporting the floor d. The reinforcement 6, which is supported by metal bridges 8, may carry hooks or clips 11 to support a sheet of mesh or expanded metal 10 on which a plaster ceiling is formed. Near the ends of the forms the concrete c is cast solid between the soffit ribs a, the concrete being positioned by means of stop plates 7, Fig. 5, of L-section. Straps 9 with hooked ends 9a may be provided to prevent spreading of the form walls 1a. In the construction of stepped terrace shown in Fig. 7, the form 1 has walls 1a of unequal depth.

**Probable Assignee:** ALBERT ERNEST HEWITT

**Earliest Publication Date:** 19330213



**8) Family number:** 903401 (US3500601A)

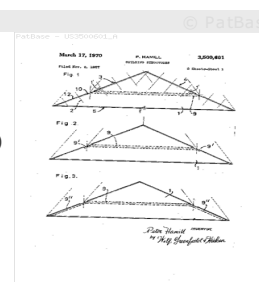
## BUILDING STRUCTURES

**Abstract:** Source: US3500601A ABSTRACT OF THE DISCLOSURE

This invention relates to a building element for use in erecting a building structure, such as a dwelling for human habitation, in which a plurality of said building 15 elements are joined together to form the floor and ceiling (or roof) of said structure, and together with structural supporting columns provide the main building structure.

**Probable Assignee:** PETER HAMILL

**Earliest Publication Date:** 19690212



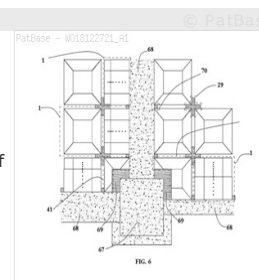
**9) Family number:** 70342650 (WO18122721A1)

## FORMWORK MECHANISM FOR CASTING AND MOULDING CONCRETE WHICH COMPRISES A COFFER WITH A SHEET AND FOUR PLATES DISPOSED ON THE PERIMETER OF THE SHEET

**Abstract:** The present invention relates to a formwork mechanism for casting and moulding concrete, which comprises a coffer with a sheet and four plates disposed on the perimeter of the sheet. Each plate has holes arranged on the front face thereof. The formwork mechanism also includes a structural element connected to one of the plates by attachment means. The structural element has lateral perforations that align with the holes of one of the plates of the coffer. The attachment means pass through the holes and lateral perforations. The structural element can be a beam, a three- or four-joist tee, or combinations of same. Moreover, using a plurality of coffers connected with structural elements, formworks are constructed for casting flat reticular slabs and curved reticular slabs with a slab thickness that is greater close to the beams carrying the slab than in the span of the slab.

**Probable Assignee:** CLARO CARRASCAL DOMINGO DE GUZMAN

**Earliest Publication Date:** 20180705



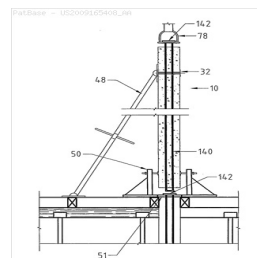
**10) Family number:** 32519914 (US2009165408A)

## CONSTRUCTION ELEMENTS AND METHODS OF CONSTRUCTION

**Abstract:** Source: US2009165408A A pre-cast cementitious construction element (10a) comprises a body (12), at least one coupling member (14) protruding from an edge (16) of the body and at least one coupling member (18) provided at an opposed edge (20) of the body. The at least one coupling member protruding from an edge is adapted to couple with a coupling member at an opposed edge of an adjacent pre-cast construction element (10b) such that, when coupled, a spaced relationship exists between the pre-cast construction element (10) and the adjacent pre-cast construction element (10b).

**Probable Assignee:** GALCORP NZ INT LTD

**Earliest Publication Date:** 20051229



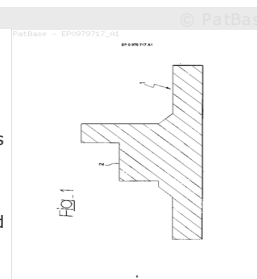
# **11) Family number: 30166135 (EP0979717A1)**

## **METHOD FOR THE MANUFACTURE OF A MOULD FOR USE IN INJECTION MOULDING OF COMPONENTS OF PLASTIC MATERIAL**

**Abstract:** Source: EP0979717A1 A rapid and inexpensive method is described for obtaining moulds (12,19) for use in the production by injection moulding of relatively limited series, such as in the order of 500 pieces, of components of plastic material, such as motor-vehicle dashboards, having relatively high strength characteristics. The method comprises spraying a metal layer (3) on the surface (1) of a model (2), providing a formwork (8) around and above said metal layer, pouring refractory concrete (11) within said formwork (8), so as to obtain, upon hardening, a first half-mould (12), separating the model from said half-mould (12) applying a layer of filling material of predetermined thickness on top of the metal layer (3), spraying a further metal layer (13) on said filling material, providing a formwork (16) above said further metal layer (13), and pouring refractory concrete therewithin so as to obtain, upon hardening, a second half-mould (19).

**Probable Assignee:** STOLA SPA

**Earliest Publication Date:** 20000207



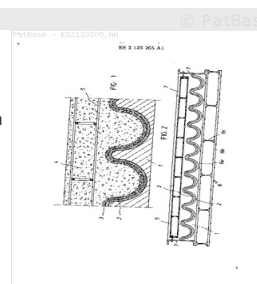
# **12) Family number: 13826102 (ES2133205A)**

## **PROCESS FOR MOULDING A SOLID, SINGLE-PIECE, OPEN BODY WITH AIR-HARDENABLE FLUID MATERIALS, A BODY THUS OBTAINED AND AN INSTALLATION FOR ACHIEVING IT**

**Abstract:** It consists in the selective spraying of at least two layers of an air-hardenable fluid material onto an open mould by means of a multidirectional spraying nozzle in order to obtain a solid, single-piece body which, on its visible or usable face, incorporates the detail of the reliefs of the mould. The invention is applicable to the manufacture of elements for construction (building), which imitate those built from natural or manufactured materials, of hulls for vessels, of bodywork for motor vehicles, of tanks, of channels, of protective films, etc.

**Probable Assignee:** PELLICER CARLOS F

**Earliest Publication Date:** 19990901



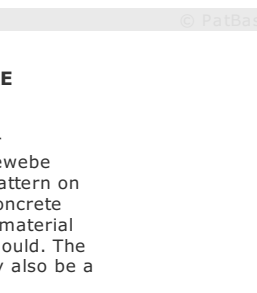
# **13) Family number: 1670833 (DE2743735A1)**

## **VERFAHREN ZUR HERSTELLUNG VON BETONTEILEN MIT STRUKTURIERTER OBERFLAECHE MFR. OF CONCRETE MOULDING WITH PATTERNED SURFACE - BY PLACING FABRIC SHEET IN MOULD BEFORE POURING CONCRETE INTO MOULD**

**Abstract:** Source: DE2743735A1 Patentansprueche 10 Verfahren zur Herstellung von Betonteilen mit strukturierter Oberflaeche, dadurch gekennzeichnet, dass in die Form bzw auf die Schalung vor dem Einbringen des Betons ein Gewebe gelegt wird, das nach dem Ausschalen auf der Betonoberflaeche verbleibt 2. Concrete mouldings are made with a pattern on greater than or equal to1 surface by placing a sheet of fabric in the mould or on the shuttering before pouring the concrete into the mould. The fabric remains on the concrete after the mould or shuttering has been removed. A fabric or flat material with an open porous structure is pref. used, and may be coated with an adhesive or water prior to insertion in the mould. The concrete penetrates into the porous fabric or mesh and hardens in the pores or cavities of the fabric. The fabric may also be a patterned plastic foil.

**Probable Assignee:** KOTHE HELMUT

**Earliest Publication Date:** 19790412



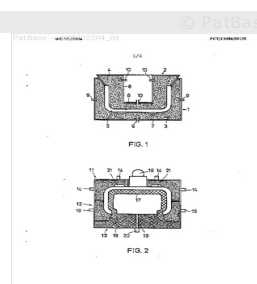
# **14) Family number: 3889004 (WO8702304A1)**

## **FORM TOOL, IN PARTICULAR FOR PROCESSING PLASTIC AND SYNTHETIC RESIN CONCRETE OR MORTAR MOLDING MATERIALS**

**Abstract:** The mold body of at least one casting mold (1, 2) of this form tool is provided with a core (3, 4) of porous artificial resin concrete or mortar which is permeable through to the mold surface (5, 6) and a jacket (7, 8) which encloses the core on the outside in a gas tight manner. The jacket has at least one passage (9, 10), which allows an exchange of gas and/or liquid from and to the mold surface (5, 6). Form tools with porous form bodies of this type are suitable for processing gas and/or liquid-containing mold materials. Furthermore, they can be used for processing without difficulty chemically hardenable mold materials, for example polymers and polymer concretes or mortars by the utilization of separating foils which are applied to the mold surfaces by an underpressure in the mold body and which are held against this.

**Probable Assignee:** UNIPORT THEODOR HIRZEL

**Earliest Publication Date:** 19870423



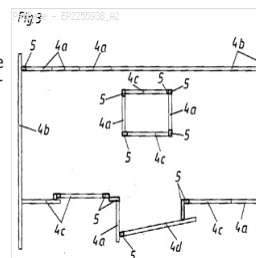
# **15) Family number: 47693940 (EP2255938B1)**

## **VORRICHTUNG UND VERFAHREN ZUM ANBRINGEN EINER SCHALUNG AUF EINER SCHALUNGSAUFLAGE FUER BETONFERTIGBAUTEILE APPARATUS AND METHOD TO APPLY A SHUTTERING ONTO A MOULDING TABLE FOR CONSTRUCTION CONCRETE PRODUCTS**

**Abstract:** Source: EP2255938A3 Vorrichtung zur Verwendung in einer Schalstation fuer ein Betonfertigbauteil (1), insbesondere im Rahmen einer Palettenumlaufanlage, wobei bei der Positionierung von Schalungselementen (4a, 4b, 4c, 4d) auf einer Schalungsauflage Schalungsluecken (9) verbleiben, umfassend eine Steuereinrichtung und eine Zuschneidanlage, wobei von der Steuereinrichtung Daten der Schalungsluecken (9) der Zuschneidanlage zufuehrbar sind, von welcher Sonderschalungselemente (5) zum Auffuellen der Schalungsluecken (9) zuschneidbar sind.

**Probable Assignee:** PROGRESS MASCHINEN AND AUTOMATION AG

**Earliest Publication Date:** 20101201



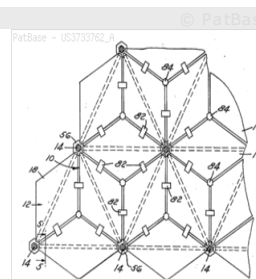
**16) Family number:** 7323493 (US3733762A)

## BINARY PRECAST CONCRETE TRIANGULATED BUILDING SYSTEM

**Abstract:** Source: US3733762A The invention relates to a prefabricated building structure utilizing precast concrete steel reinforced T-shaped building elements and precast concrete steel reinforced hexagonal shaped columns. The T-shaped building elements are arranged in building units to form the framework of the building structure, said units respectively constituting the floors and roof of the structure and being vertically aligned and spaced apart by means of the columns. Each building element comprises a diamond shaped slab and an integral beam extending along the major axis of the slab on the under side thereof. The hexagonal shaped columns are each provided with a plurality of vertically spaced annular shelves upon which the ends of the T-shaped building elements on the major axes thereof rest. Moment connections are welded in the field between adjacent slabs and between the building elements and columns.

**Probable Assignee:** PARDO J

**Earliest Publication Date:** 19730522



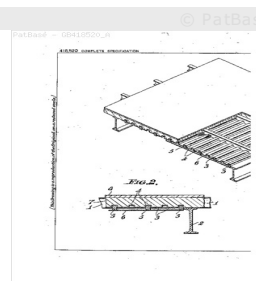
**17) Family number:** 20197685 (GB418520A)

## AN IMPROVED REINFORCED CONCRETE FLOOR

**Abstract:** Source: GB418520A 12237. [Class 20 (iv).] Reinforced-concrete floors are moulded upon corrugated metal sheets 3 which are carried between the lower flanges of spaced filler joists 1 extending between main girders 2, and are adapted to accommodate, in the corrugations 4 on their undersides, furring strips 5 for securing a lathing 6 for a plaster or other covering. The corrugations are of rectangular form and extend between adjacent pairs of joists 1, and the strips 5 project below the sheet. The strips 5, which are shaped at the ends to fit over the flanges of the joists 1, may be formed of wood, breeze concrete blocks, and c.

**Probable Assignee:** SAMUEL CONNIES

**Earliest Publication Date:** 19341026



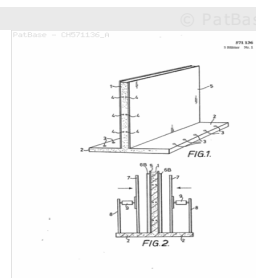
**18) Family number:** 1438400 (CH571136A)

## PREFABRICATED COMPONENT FOR HOUSES - BY MOULDING AND HEATING POURING MIXTURE CONTAINING CONCRETE AND FOAMED THERMOPLASTIC MATERIAL

**Abstract:** Source: CH571136A (Claim 1) 1. Verfahren nach Patentanspruch I, dadurch gekennzeichnet, dass das luftaufnahmefaehe, thermoplastische Material geschaeumtes Polystyrol ist. Prefabricated building component, e.g. for one family houses, is produced by (a) displacing one or more moulding elements of a moulding device with a stationary moulding element, at least one movable moulding element, and a heater in the direction of a stationary moulding element in order to form at least one hollow space, (b) forming pourable mixt. contg. concrete and an air absorbing thermoplastic material, (c) introducing this mixt. into the hollow space(s), (d) operating the heater to accelerate the hardening of the mixt., and (e) moving the movable moulding element(s) away from the stationary moulding element, so that the moulded component can be removed. Simple easily operated appts. requiring low investment costs. Components of any size/shape easily produced on site. High productivity. Gives high quality components.

**Probable Assignee:** GALVEZ ANDRES

**Earliest Publication Date:** 19751231



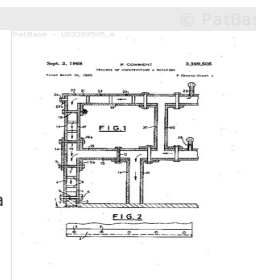
**19) Family number:** 316687 (US3399505A)

## PROCESS OF CONSTRUCTING A BUILDING

**Abstract:** Source: GB1123604A 1,123,604. Casting buildings; wall structures. P. COMMENT. 21 March, 1966 [24 March, 1965], No. 12246/66. Headings E1S and E1W. A building is cast by pouring concrete through openings in the top of a single mould for the whole building, comprising shuttering panels for walls bolted to horizontal holes in a foundation wall and having further panels for floors and further walls bolted to these first panels, the panels being braced by ties and distancing sleeves. Openings are provided for the escape of air during casting. Further openings for supplying concrete may be provided in the shuttering for lower floors. The panels may be of metal each having a reinforcing corrugated sheet spot welded to it. The ties may be solid cylinders having screw holes in their ends for screws for securing the shuttering panels and eventually wall linings and some have extensions for holding further wall linings spaced from the wall to provide accommodation for service conduits secured to the ties. Supports for radiators may be screwed into the ties.

**Probable Assignee:** COMMENT PAUL

**Earliest Publication Date:** 19650930



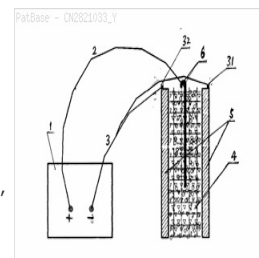
**20) Family number:** 33448125 (CN2821033Y)

## SELF DEMOULDING DEVICE FOR METAL FORMWORK

**Abstract:** Source: CN2821033Y The utility model relates to a moulding board for building, particularly a self-demoulding device for a metallic moulding board. The utility model is provided with a plurality of metallic rod-shaped electrodes with a bend hook at each of the upper ends capable of inserting in concrete, the bend hook parts of the electrodes are connected with conducting wires, and the outer part is provided with an insulating protective layer, and wire connecting terminals are arranged on the metallic moulding board; the conducting wires of the metallic rod-shaped electrodes are connected with the positive pole of a special power supply for demoulding, and the negative pole of the power supply is connected with the wire connecting terminals of the metallic rod-shaped electrodes through conducting wires; the special power supply is direct current power supply equipment capable of outputting 3V. DC-24V. DC. The device reserves the inherent advantages of the metallic moulding board of building, the surface of the moulding board does not need to be painted with demoulding agents, and the smooth demoulding between the new cast concrete and the moulding board can be realized; the service life of the moulding board is prolonged, the pollution of chemical demoulding is avoided, the noise for cleaning the moulding board is reduced and the utility model is favorable for meeting the realistic requirement of green construction.

**Probable Assignee:** GONG WENYUE

**Earliest Publication Date:** 20060927



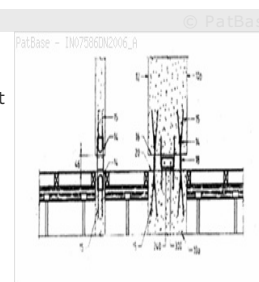
**21) Family number: 41748189** (IN07586DN2006A)

## CONSTRUCTION ELEMENTS AND METHODS OF CONSTRUCTION

**Abstract:** Source: IN07586DN2006A .A pre-cast cementitious construction element (10a) comprises a body (12), at least one coupling member (14) protruding from an edge (16) of the body and at least one coupling member (18) provided at an opposed edge (20) of the body. The at least one coupling member protruding from an edge is adapted to couple with a coupling member at an opposed edge of an adjacent pre-cast construction element (10b) such that, when coupled, a spaced relationship exists between the pre-cast construction element (10) and the adjacent pre-cast construction element (10b).

**Probable Assignee:** GALCORP

**Earliest Publication Date:** 20070817



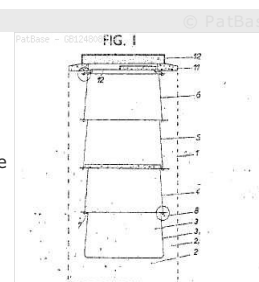
**22) Family number: 88302** (GB1248085A)

## A METHOD OF MAKING A SEALED CAVITY IN THE GROUND FOR USE INTER ALIA AS A BURIAL VAULT

**Abstract:** Source: GB1248085A 1,248,085. Burial vaults; wells c. L. A. CRETEL. 21 Feb., 1969 [23 Feb., 1968], No. 9503/69. Headings E1A and E1F. A burial vault is constructed by digging a trench 1, inserting a first plastics receptacle with a bottom therein, superimposing a series of bottomless, plastics receptacles 4, 5, 6 thereon to define with the unit 1 a sacrificial formwork and then pouring concrete into the space between the formwork and trench wall to secure the receptacles to-gether. The vault is covered by a plinth 11 and a tombstone 12 or a plastics cover for details of which and sealed joints the Specification and Figs. 2 and 3, (not shown), should be referred.

**Probable Assignee:** CRETEL LOUIS ALBERT

**Earliest Publication Date:** 19690529



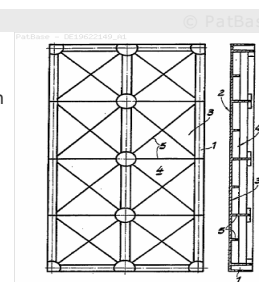
**23) Family number: 13130172** (DE19622149A1)

## CONSTRUCTION ELEMENT, ESPECIALLY A SHUTTER BOARD FOR CONCRETE

**Abstract:** Source: DE19622149A1 A construction element, especially a shutter board for creating shuttering used in concrete construction, is manufactured by injection moulding in a long fibre reinforced thermoplastic material.

**Probable Assignee:** STEWING NACHRICHTENTECHNIK

**Earliest Publication Date:** 19971204



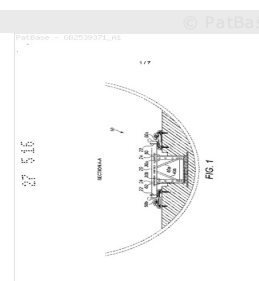
**24) Family number: 59602322** (GB2539371A)

## RAILWAY SHUTTERING APPARATUS

**Abstract:** Source: GB2539371A An adjustable support 10 for use in shuttering formwork comprises a support member 20 supported by and between two rails of a railway track 50a, 50b. The support may be used in tunnels where headroom is limited. First and second shuttering contact members 30a, 30b are pivotally suspended from the support member and first and second bracing members 40a, 40b are engaged with the contact members and the support member. The first and second bracing members are mounted inwardly of the shuttering contact members. The bracing members may be pivotally or slidably engaged with the support and contact members, and may be adjustable in length. Consecutive supports may be coupled together by mounting a plurality of connectors between them. The support member may be collapsible and may further comprise a guard rail or platform. The support member may comprise a pair of wheel assemblies for mounting on the rails of the track.

**Probable Assignee:** FAST FORM SYSTEMS LTD

**Earliest Publication Date:** 20161221



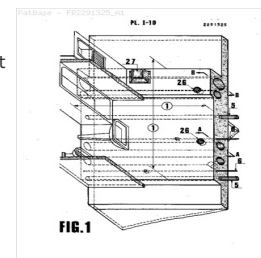
**25) Family number: 3456042** (FR2291325A)

## PRE-CAST CONCRETE WALL HAS DUCTS E.G. FOR VENTILATION, CABLES, WATER - EMBEDDED IN IT DURING THE MOULDING PROCESS

**Abstract:** Source: FR2291325A (Claim 1) 1. Procédé caractérisé par l'incorporation dans les murs coulés en place ou préfabriqués, des conduits d'extraction d'air nécessaires à la ventilation des logements, de leur bouche d'aération, des conduits d'évacuation des ordures ménagères et éventuellement des canalisations d'alimentations et d'évacuation des appareils sanitaires et les canalisations électriques. A pre-cast concrete wall is formed by securing pipes to reinforcing frames within a mould so that when the concrete is cast into the mould the pipes embedded in the concrete form e.g. electrical conduits, air ventilation ducts, water supply ducts, waste pipes etc. The walls are particularly useful for e.g. kitchens, lavatories, bathrooms etc. The ducts do not have to be formed once the wall is in situ, thereby reducing costs. Pref. the tubes are premoulded in the mould and are of polyvinyl chloride.

**Probable Assignee:** PARIS OUEST

**Earliest Publication Date:** 19760611



**26) Family number: 3594627 (FR2368345A)**

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# **PERFECTIONNEMENTS AUX PAROIS DE COFFRAGE ET DE MOULE COVERING FOR SHUTTER SURFACE FOR MOULDING CONCRETE - CONSISTS OF FIBRE-BACKED POLYETHYLENE FILM EASILY RELEASED AND PREVENTING SCRAP**

**Abstract:** Source: FR2368345A L'invention concerne des parois de moule ou de coffrage. On fixe à la paroi un revêtement en feuille de matière facile à démouler par l'intermédiaire d'une couche fibreuse. L'invention s'applique notamment à la réutilisation de parois de coffrage métalliques usagées. The wall of a shutter or mould for the casting of concrete, has a covering formed by a film of material which is easily detached from the concrete prod., and is attached to the shutter by a fibrous layer. The covering is of polyethylene or of some other polyolefin. The fibrous layer consists of a polyester in the form of a fleece or an unwoven web of fibres. Covering increases the lifetime of the shutters considerably so that metal panels which have become difficult to detach, do not have to be scrapped and can be re-used. The covering layers can be applied to any kind of shutter without special prep., including new ones.

**Probable Assignee:** BOIS RAYMOND

**Earliest Publication Date:** 19780519

**27) Family number: 510172 (CH539181A)**

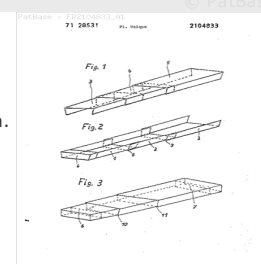
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# **BALKEN- ODER STANGENFOERMIGER VERBUNDKOERPER BAR OR ROD-SHAPED COMPOSITE BODY (MACHINE TRANSLATION)**

**Abstract:** Source: CH539181A [Source: Claim 1] 1. Verbundkoerper nach Patentanspruch, dadurch gekennzeichnet, dass die Schalung im Querschnitt trapezfoermig ist, wobei sich die Schalungshaeften umklammern. [Source: claim 1] 1 composite body of patent claim, characterised in that the formwork in the cross-section is trapezoidal, with the formwork panels girdle is.

**Probable Assignee:** VMW RANSHOFEN BERNDORF AG

**Earliest Publication Date:** 19720210



**28) Family number: 34663352 (DE20005975U1)**

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# **AUF EINER BAUSTELLE VERWENDBARES SCHALUNGS- ODER GERUESTTEIL**

**Abstract:** Source: DE20005975U1 (Claim 1) 1. Auf einer Baustelle verwendbares Schalungs-oder Geruestteil, welches mit einem Identifizierungsmerkmal versehen ist, dadurch gekennzeichnet, dass am bzw. im Schalungs-oder Geruestteil ein Transponder (3,3', 3"; 4,4', 4"; 13,13') als Traeger des Identifizierungsmerkmals angebracht ist.

**Machine translation:** (Claim 1) 1. On a building site usable formwork or stand part, which is provided with a identifying feature, by the fact characterized that at and/or in the formwork or stand part a transponder (3.3', 3"; 4,4', 4"; 13,13') as carriers of the identifying feature is attached.

**Probable Assignee:** KAUFMANN HOLZ AG

**Earliest Publication Date:** 20000418

