

Search history

Search 1: graphene or (graphene w1 oxide) (Results 75074)

Search 2: graphene and (graphene w1 oxide) (Results 17011)

Search 3: (build* w1 product) or (buid* w1 panel) or drywall or (gypsum w1 plasterboard) or (particle w1 board) or plywood or ceiling+ or wallboard or casing* or *board* (Results 1000000)

Search 4: 1 and 3 (Results 9997)

Search 5: 1 and 2 (Results 17011)

Search 6: layer or strip or film or membrane or sheet (Results 1000000)

Search 7: 4 and 6 (Results 8945)

Search 8: 5 and 6 (Results 8385)

Search 9: pd<20151111 (Results 1000000)

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Search 11: 8 and 9 (Results 2797)

Search 12: IC=(E04C2/04) (Results 9480)

Search 13: 10 and 12 (Results 0)

Search 14: 11 and 12 (Results 0)

Search 15: IC=(E04C2) (Results 97332)

Search 16: 10 and 15 (Results 6)

Title: A FOAM MATERIAL WITH VERY LOW THERMAL CONDUCTIVITY AND A PROCESS FOR MANUFACTURING THE FOAM MATERIAL
MATERIAU EN MOUSSE A CONDUCTIVITE THERMIQUE FAIBLE ET SON PROCEDE DE FABRICATION </TI_FR

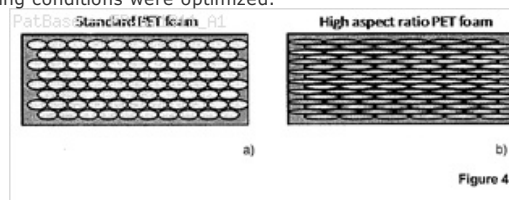
Abstract: This invention describes a foamed material wherein the foam is characterized by elongated cells, which have an aspect ratio larger than 1.5, and by a density according to ISO 845 of lower than 150 kg/m³, preferably lower than 80 kg/m³ and a process of manufacturing said material with very good thermal insulation properties. The thermal conductivity is decreased from typical 0.035 W/mK down to 0.025 W/mK by combination of cellular orientation and cell size distribution. In order to be able to achieve necessary cellular orientation level, the melt strength of the polyester resin was significantly increased by reactive extrusion and subsequent foaming, and the extrusion tooling and processing conditions were optimized.

Classifications:

International (IPC 8-9): B29C44/46 B29C47/00 C08J9/22
E04C2/288 (Advanced/Invention);

B29C44/00 B29C47/00 C08J9/00 E04C2/00 (Core/Invention)

CPC: B29C44/468 C08J2201/03 C08J2205/04 C08J2367/02 B29C44/352
C08J9/22 B29C48/92 B29C2948/92695 B29C2948/92704



Family:

Publication number	Publication date	Application number	Application date
DE602012023956 D1	20161124	DE201260023956T	20120605
DK2671911 T3	20170116	DK20120170784T	20120605
EP2671911 A1	20131211	EP20120170784	20120605
EP2671911 B1	20161012	EP20120170784	20120605
ES2610928 T3	20170504	ES20120170784T	20120605
HU032578 T2	20171030	HU20120170784T	20120605
PL2671911 T3	20170531	PL20120170784T	20120605
PT2671911 T	20161206	PT20120170784T	20120605
SI2671911 T1	20170228	SI20120030834	20120605
TR201617659 T4	20161221	TR20160017659T	20120605

Priority:

EP20120170784 20120605

Probable Assignee: ARMACELL ENTERPRISE GMBH

Assignee(s): (std): ARMACELL ENTERPRISE GMBH ; ARMACELL ENTPR GMBH AND CO KG

Assignee(s): ARMACELL ENTERPRISE GMBH AND CO KG ; ARMACELL ENTERPRISE GMBH CO KG

Inventor(s): (std): DOLEGA JUSTYNA ; JIE LI ; JUSTYNA DOLEGA ; LI JIE ; MELLER MIKA ; MIKA MELLER

Agent(s): V FUENER EBBINGHAUS FINCK HANO; VON FUENER NICOLAI; AZNAREZ PABLO; HALISE BETUEL ATABAY VARLIK

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR 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

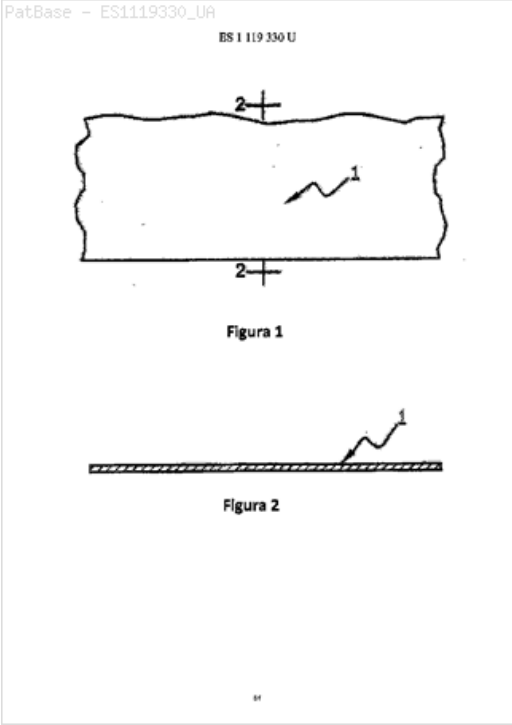
Title: PANEL SUPRESOR, DISIPADOR, ANULADOR, REDUCTOR, CON PROPIEDADES ANTI-TERMICAS, ANTI-ACUSTICAS, IGNIFUGAS Y ANTI-ELECTROMAGNETICAS DE MANERA INDIVIDUAL, PARCIAL O GLOBAL.

Abstract: Source: ES1119330U [ES] 1. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global caracterizado porque esta concebido para la conformacion de tabiques y/o cerramientos para la proteccion contra el fuego de objetos, lugares o cosas, constituyendo ademas un medio de aislamiento termico y/o acustico y/o anti-electromagnetica y una barrera anti-fuego, consistente en un cuerpo moldeable para su adaptacion a la forma y estructura del elemento a proteger, ya sea un objeto, lugar o similar, estando dicho cuerpo materializado en yeso, escayola o material similar, incorporando en su seno y de forma embebida, al menos, una fina malla de aluminio, situada en correspondencia con el plano general del cuerpo. 2. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global, segun reivindicacion 1, caracterizado porque en el seno del cuerpo del material de yeso, escayola o similar, van embebidas dos o mas mallas de aluminio u otros metales, en numero variable en funcion del nivel de aislamiento al fuego previsto para el propio panel. 3. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global, segun reivindicaciones anteriores, caracterizado porque la malla o mallas de aluminio, presentan un alto coeficiente de transmision termica, y estan constituidas mediante una lamina troquelada, que por deformacion o extension de la misma se convierte en reticulas hexagonales, con una estructura tridimensional, en la que los lados constitutivos de la reticula quedan situados en correspondencia con imaginarios planos perpendiculares al plano general de la malla. 4. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global, segun reivindicaciones anteriores, caracterizado porque el cuerpo de la patente en formato esfera/malla/red dentro, introducido, anexo, pegado, conformando el panel, van embebidas diferentes capas del cuerpo de la patente, en numero variable en funcion del nivel de aislamiento al fuego previsto para el propio panel. 5. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global, segun reivindicaciones anteriores, caracterizado porque puede resistir a un fuego o a calores superiores a los 1600 grados C grados centigrados durante mas de 240 minutos. 6. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global, segun reivindicaciones anteriores, caracterizado porque el cuerpo de la patente presenta un alto coeficiente de transmision termica, y estan constituidas mediante unas laminas troqueladas, que por deformacion o extension de la misma se convierte en reticulas hexagonales, con una estructura tridimensional, en la que los lados constitutivos de la reticula quedan situados en correspondencia con imaginarios planos perpendiculares al plano general de la malla. 7. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global, segun reivindicaciones anteriores, caracterizado porque usa el cuerpo de la patente acoplado, anexo, al panel ademas de conseguir esta disipacion, supresion, reduccion de extremas temperaturas por fuego o calor de manera directa o indirecta, consigue poder soportar temperaturas superiores a los 1600 grados C. 8. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global, segun reivindicaciones anteriores, caracterizado porque el cuerpo de la patente, consigue proteger y reducir el peso de las paredes/paneles/barreras/puertas de seguridad de una manera drastica al pesar solo 0,35 gramos por litro de volumen a proteger, que supone poder ahorrar al menos un 50 percent en el peso de anti-incendios/anti-fuego convencional. 9. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global, segun reivindicaciones anteriores, caracterizado porque la longitud perimetrica interior de al menos de una de esas aberturas, es diferente a la longitud perimetrica de al menos una abertura contigua. 10. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global, segun reivindicaciones anteriores, caracterizado porque el cuerpo de la patente en dichos paneles en formato red/malla/esferas o introduciendo una manta con propiedades anti-termicas, anti-fuego, antibala, anti-electromagnetica, consigue que el panel pueda reducir sus dimensiones de anchura al menos el 30 percent -50 percent en comparacion de paredes/paneles/barreras existentes, pero incluso con propiedades unicas y de extremo valor de seguridad y de proteccion especialmente utiles en lugares como en colegios e institutos, hospitales por incidencias tanto de fuego como en casos de situaciones con uso de armas de fuego, recientemente mas comunes, y en especial en USA pero tambien en Europa donde actualmente se ha incrementado las actividades terroristas. 11. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global, segun reivindicaciones anteriores, caracterizado porque el material tiene una densidad que oscila desde 2,8 grams per cubic centimetre hasta alrededor de 19,5 grams per cubic centimetre. 12. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global, segun reivindicaciones anteriores, caracterizado porque la lamina o laminas tienen un campo de compresion no superior al 8 percent. 13. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global, segun reivindicaciones anteriores, caracterizado porque puede presentar la configuracion cilindrica a partir de una lamina de material horadada denominada lamina de material a la que se han proporcionado, al menos un arco de una pluralidad de aberturas poligonales, de la que al menos una es irregular con respecto al menos a una abertura poligonal contigua y que tiene caracteristicas fisicas configuradas como un area 3.200 la superficie de contacto de fluidos inflamables que se encuentran en un recipiente contenedor de superficie por unidad de volumen de aplicacion de alrededor de al menos y una conductividad de calor, al menos de alrededor de 0,021 Cal/cm-seg. 14. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global, caracterizado por tener un peso inferior de 35 gramos por litro del tanque/recipiente protegido por el cuerpo de la patente. 15. Panel supresor, disipador, anulador, reductor, con propiedades anti-termicas, anti-acusticas, ignifugas y anti-electromagneticas de manera individual, parcial o global, caracterizado porque elimina los riesgos de inflamabilidad causados por las cargas estaticas o pequenos fuegos ocasionados de manera fortuita, accidental, intencionada o climatica como el caso de las tormentas electricas o el sabotaje.

Machine translation: 1. Suppressor Panel, sink, annihilator, reducer, anti-thermal, anti-acoustic, fireproof and anti-electromagnetic individually, partial or global characterized this designed for the conformation of partitions and / or enclosures for protection against fire objects, places or things, besides constituting a means of thermal insulation and / or acoustic and / or electromagnetic anti-fire and anti-barrier, consisting of a molded body for adaptation to the shape and structure of the object to be protected and is an object, place or the like, said body materialized in gypsum, plaster or similar material, incorporating into it and in embedded form at least a thin aluminum mesh, placed in correspondence with the general plane of the body being. 2 anti-electromagnetic individually, partial or global suppressor Panel, sink, annihilator, reducer, anti-thermal, anti-acoustic, fireproof and according to claim 1, characterized in that within the body of the gypsum material, plaster or the like, are two or more meshes embedded aluminum or other metals in varying number in function of the level of heat insulation provided for the panel itself. 3 anti-electromagnetic individually, partial or global suppressor Panel, sink, annihilator, reducer, anti-thermal, anti-acoustic, fireproof and according to previous claims, wherein the mesh or aluminum mesh, have a high coefficient of thermal transmission, and are constituted by a blank **sheet**, that deformation or extension thereof becomes hexagonal reticles, with a three-dimensional structure, in which the constituent sides of the reticle are positioned in correspondence with imaginary planes perpendicular to general plane of the mesh. Panel 4 suppressor, sink, annihilator, reducer, anti-thermal, anti-acoustic, fireproof and anti-electromagnetic individually, partial or global, depending preceding claims, wherein the body of the patent field format / mesh / red inside, entered, attached, glued, forming the panel, different **layers** are embedded in the body of the patent, in variable number in function of the level of heat insulation provided to the panel itself. 5. suppressor Panel, sink, annihilator, reducer, anti-thermal, anti-acoustic, fireproof and anti-electromagnetic individually, partial or global, depending preceding claims, characterized in that can resist fire or heat above the degrees centigrade 1600 degrees Celsius for more than 240 minutes. 6 anti-electromagnetic individually, partial or global suppressor Panel, sink, annihilator, reducer, anti-thermal, anti-acoustic, fireproof and according to previous claims, characterized in that the body of the patent has a high coefficient of thermal transmission, and are formed by a die-cut **sheets**, which deformation or extension thereof becomes hexagonal reticles, with a

three-dimensional structure, in which the constituent sides of the reticle are positioned in correspondence with imaginary planes perpendicular to the general plane mesh. 7 Panel suppressor, sink, annihilator, reducer, anti-thermal, anti-acoustic, fireproof and anti-electromagnetic individually, partial or global, depending preceding claims, characterized in that the body uses coupled patent annexed, the panel also get this dissipation, suppression, reduction of extreme heat or cold temperatures directly or indirectly, manages to withstand temperatures above 1600 degrees C. 8 suppressor Panel, sink, annihilator, reducer, with anti properties thermal, anti-acoustic, fireproof and anti-electromagnetic individually, partial or total, according to previous claims, characterized in that the body of the patent, you can protect and reduce the weight of the walls / panels / barriers / gates up a Despite drastic way to only 0.35 grams per liter of volume to be protected, which is able to save at least 50 percent on the weight of fire safety / fire anti-conventional. Panel 9 suppressor, sink, annihilator, reducer, anti-thermal, anti-acoustic, fireproof and anti-electromagnetic individually, partial or total, according to previous claims, characterized in that the inner perimetric length of at least one of Such openings, is different from the peripheral length of at least an adjacent aperture. 10Suppressor Panel, sink, annihilator, reducer, anti-thermal, anti-acoustic, fireproof and anti-electromagnetic individually, partial or total, according to previous claims, characterized in that the body of the patent in such net panel format / mesh / areas or introducing a blanket with anti-thermal, anti-fire, bulletproof, anti-electromagnetic properties, get the panel to reduce its width dimensions at least 30 percent -50 percent compared to walls / panels / barriers existing, but even with unique properties and extreme value safety and protection especially useful in places like schools and colleges, hospitals and fire incidents both in cases of situations using firearms, recently more common, and especially in USA but also in Europe where it has now been increased terrorist activities. Panel 11 suppressor, sink, annihilator, reducer, anti-thermal, anti-acoustic, fireproof and anti-electromagnetic individually, partial or global, depending preceding claims, wherein the material has a density ranging from 2 8 grams per cubic centimeter to about 19.5 grams per cubic centimeter. Panel 12 suppressor, sink, annihilator, reducer, anti-thermal, anti-acoustic, fireproof and anti-electromagnetic individually, partial or global, depending preceding claims, wherein the **sheet** or **sheets** have no field compression than 8 percent. Panel 13 suppressor, sink, annihilator, reducer, anti-thermal, anti-acoustic, fireproof and anti-electromagnetic individually, partial or global, depending preceding claims, characterized in that the cylindrical configuration can present from a lamina of perforated materials named **sheet** of material which has been provided, at least one arc of a plurality of polygonal openings, of which at least one is irregular with respect to at least one polygonal opening adjacent and has physical characteristics configured as a the surface area of contact 3200 of flammable fluids which are in a container vessel volume per unit area of application of at least around and heat conductivity at least about 0,021 Cal / cm-sec. Panel 14 suppressor, sink, annihilator, reducer, anti-thermal, anti-acoustic, fireproof and anti-electromagnetic individually, partial or global, characterized by having a lower weight of 35 grams per liter of tank / container protected by the body of the patent. Panel 15 suppressor, sink, annihilator, reducer, anti-thermal, anti-acoustic, fireproof and anti-electromagnetic individually, partial or global, characterized in that eliminates fire hazards caused by static loads or small fires caused by chance, accidental, intentional or climatic as the case of electrical storms or sabotage.

Classifications:
International (IPC 8-9): E04C2/26 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
ES1119330 UA	20140825	ES20140030916U	20140702
ES1119330 Y1	20141117	ES20140030916U	20140702

Priority:
ES20140030916U 20140702

Probable Assignee: TECHNOKONTROL CAT GLOBAL SL
Assignee(s): (std): TECHNOKONTROL CAT GLOBAL SL
Inventor(s): (std): CANADA SIERRA LAURA
Inventor(s): LAURA CANADA SIERRA

Title: BUILDING MATERIALS

Abstract: The present invention relates to building materials, particularly building materials for placement on the outside of buildings.

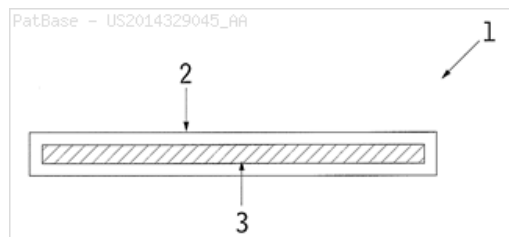
Classifications:

International (IPC 8-9): C23C C23C18/54 C25D C25D3/38 C25D5/02 C25D5/56 E04B E04B1/00 E04C E04C2/00 E04C2/26 E04C2/30 E04D E04D1/22 E04F13/08 E04F13/12 (Advanced/Invention)

CPC: C23C18/54 C25D3/38 E04B1/00 E04C2/00 C04B26/02 C04B2111/00465 C04B2111/94 C25D5/18 E04C2/26 E04C2/30 C25D5/022 E04F13/0866 C25D5/56 E04F13/12 Y10T428/239 Y10T428/31533 Y10T428/31678 Y10T428/31692 Y10T428/31696

European: E04F13/08E E04F13/12

US: 205/118 205/164 428/419 428/457 428/461 428/462 428/76



Family:

Publication number	Publication date	Application number	Application date
AU2012277587 AA	20130103	AU20120277587	20120626
EP2723953 A1	20140430	EP20120733194	20120626
GB201110808 A0	20110810	GB20110010808	20110627
GB2493492 A1	20130213	GB20110010808	20110627
HK1181085 A1	20131101	HK20130108404	20130717
US2014329045 AA	20141106	US20120128252	20120626
WO13001286 A1	20130103	WO2012GB51493	20120626

Priority:

GB20110010808 20110627 WO2012GB51493 20120626

Probable Assignee: KARM RESEARCH GROUP LTD

Assignee(s): (std): JONES MARK ; KARM CONDUCTIVES GROUP LTD

Assignee(s): KARM RESEARCH GROUP LTD ; KARM CONDUCTIVES GROUP LIMITED

Inventor(s): (std): JONES MARK ; JONES MARK STEPHEN

Inventor(s): MARK STEPHEN JONES

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; BOND CHRISTOPHER WILLIAM; BENNY KONG AND YEUNG; FORRESTERS

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

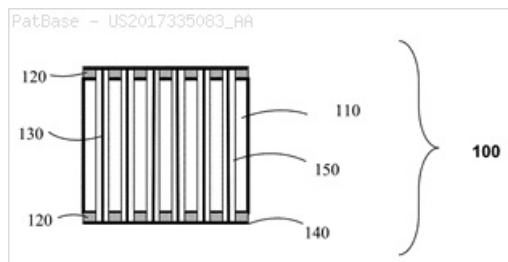
Title: LOW DENSITY MICROSPHERES

Abstract: Low-density thermoplastic expandable microspheres are disclosed. Various low-density structures, in particular, sandwich panels, based on foam prepared from the low-density microspheres, are also disclosed. Process of preparing low-density polymeric microspheres, per se, and the corresponding low-density structures, based on the microsphere foam, are also disclosed.

Classifications:

International (IPC 8-9): B29C44/12 B29C44/18 B29C44/44 B29C70/66 B29C70/68 B32B15/04 B32B15/08 B32B15/20 B32B17/06 B32B27/06 B32B27/08 B32B27/42 B32B3/12 B32B3/26 B32B5/02 B32B5/20 B32B5/22 B32B7/08 C08J C08J5/04 C08J9/16 C08J9/22 C08J9/232 C08J9/32 C08K3/04 E04C2/284 H05K9/00 (Advanced/Invention); B29K101/12 B29K105/04 B29K105/12 B29L9/00 (Advanced/Non-invention); C08J (Subclass/Invention)

CPC: B29C70/66 C08J9/24 C08J2203/22 B29C44/1285 B29K2027/06 B29K2033/12 B29K2075/00 B29K2995/0063 C08J9/232 E04C2/284 B32B27/08 B29C44/445 B32B3/12 B32B3/26 B32B5/022 B32B5/20 B32B7/08 B32B15/046 B32B15/08 B32B15/20 B32B17/064 B32B17/066 B32B17/067 B32B27/065 C08K3/041 B32B27/42 C08J9/22 C08J5/046 C08J5/042 C08K2201/011 B32B2255/10 B32B2260/021 B32B2260/046 B32B2262/0269 B32B2266/0214 B32B2266/04 B32B2307/202 B29L2009/00 B29K2101/12 C08J2205/10 C08J2400/22 C08J2477/10 C08K2201/001 B32B2255/06 B29C44/1209 B29K2105/048 B29K2105/124 C08J9/32 B29C44/3461 B29K2079/08 B29K2105/12 B29K2507/00 B29K2507/04 B29K2509/08 B29K2667/006 B29K2671/00 B29K2677/00 B29K2679/08 B29K2681/06 B29K2995/0002 B29K2995/0011 B29L2031/34 B29L2031/3456



Family:

Publication number	Publication date	Application number	Application date
GB201420055 A0	20141224	GB20140020055	20141111
IL252220 A0	20170731	IL20150252220	20151111
US2017335083 AA	20171123	US20150525656	20151111
WO16075692 A1	20160519	WO2015IL51090	20151111

Priority:

GB20140020055 20141111 WO2015IL51090 20151111

Probable Assignee: TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD

Assignee(s): (std): COHEN YACHIN ; TECHNION RES AND DEV FOUNDATION ; TECHNION RES AND DEVELOPMENT FOUNDATION LTD ; VAIKHANSKI LEV

Assignee(s): TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD

Inventor(s): (std): VAIKHANSKI LEV ; COHEN YACHIN

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

Title: STRUCTURAL ELEMENT

Abstract: A structural element (10) for forming a panel, with an upper plane (12) and lower plane (14) which are parallel and deformed along their plane at intervals by pods (16) which extrude toward the opposing plane with their internal faces mating to one another.

Classifications:

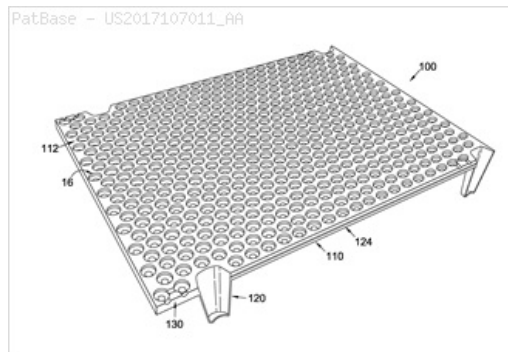
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CPC: E04C2/08 E04C2002/3483 B65D19/0018 B65D19/0026 B65D2519/00572 B32B3/28 B32B15/00 B32B2419/00 B32B2439/62 B32B2471/00 B32B2479/00 B32B2553/00 B32B2605/00 B32B2607/00 B65D19/002 B65D19/0042 F16S1/04 E04G5/08 B65D19/004 B65D19/385 B65D19/0048 B65D5/001 B65D5/441 B62D35/001 A63C17/01 B65D2519/00029 B65D2519/00044 B65D2519/00039 B65D2519/00268 B65D2519/00064 B65D2519/00074 B65D2519/00079 B65D2519/00019 B65D2519/00024 B65D2519/00034 B65D2519/00054 B65D2519/00059 B65D2519/00069 B65D2519/00273 B65D2519/00288 B65D2519/00308 B65D2519/00318 B65D2519/00323 B65D2519/00333 B65D2519/00338 B65D2519/00562 B65D2519/0094 E04C2/326 B62D25/00 A47B96/20

US: 108/57.29

JP F-Term: 2E162 2E162/CB02 2E162/CD05 2E162/GB01 3E063 3E063/AA03 4E159

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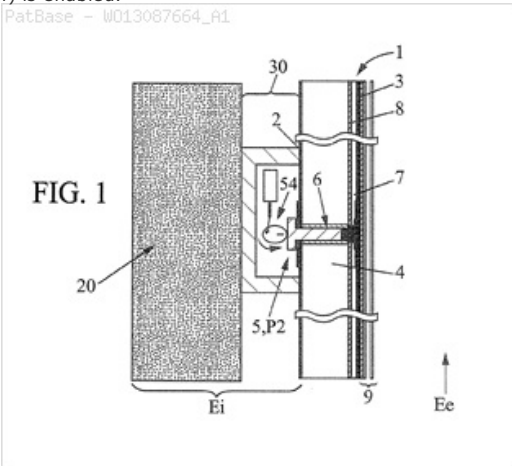
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Title: DEVICE FOR THERMAL INSULATION AND TEMPERATURE CONTROL

Abstract: The invention relates to a thermal insulation and temperature control device (1) capable of enabling, in a first state of the device, thermal insulation between an inner space (Ei) and an outer space (Ee), and, in a second state of said device, heat transfer between said inner space (Ei) and said outer space (Ee), wherein said thermal insulation and temperature control device (1) includes: two parallel heat-transfer **sheets** consisting of an inner **sheet** (2) arranged so as to enable an exchange of energy with the environment of said inner space (Ei) and an outer **sheet** (3) arranged so as to exchange energy with the outer environment (Ee); thermal insulation (4) provided between said heat-transfer **sheets** (2, 3) and thermally insulating said transfer **sheets** from one another; a heat-conducting device (5) including a mobile portion (51, 52) capable of moving from a disconnection position (P1) in the first state of said device, in which the transfer of heat between the two heat-transfer **sheets** (2, 3) is prevented, into a connection position (P2) in the second state of said device, in which the heat transfer between the two heat-transfer **sheets** (2, 3) through a bore (6) in said thermal insulation (4) is enabled.

Classifications:

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E04C2/34 (Advanced/Invention)
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