

Search history

Search 1: SFT=(modular and compartment and vehicle and seal) (Results 2026)
Search 2: SFT=(modular and compartment and vehicle and seal) and IC=(b60) (Results 751)
Search 3: SFT=(modular and compartment and vehicle and seal) and IC=(b60p) (Results 81)

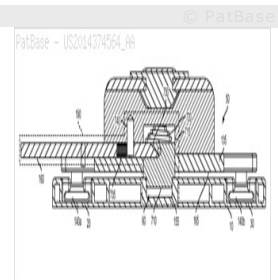
1) Family number: 57188875 (US2014374564A)

EQUIPMENT MOUNTING SYSTEM

Abstract: Source: US2014374564A An equipment mounting system may include a quick mount track having a backing plate with a center slot, a first outer slot, and a second outer slot, the first outer slot and the second outer slot comprise a plurality of diamond contour target regions, and a plurality of locking pin apertures along the center slot in the backing plate, the locking pin apertures are in horizontal alignment with the plurality of diamond contoured target regions. The equipment mounting system also may include a mount removably coupled to the quick mount track wherein the plurality of diamond contour target regions allow for a round head of a t-shaped stud of the mount to engage the first outer slot and the second outer slot at an angle to the backing plate.

Probable Assignee: FERNO WASHINGTON INC

Earliest Publication Date: 20140814



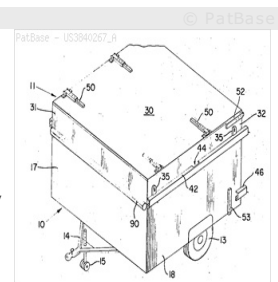
2) Family number: 1097875 (US3840267A)

EXPANDABLE VEHICLE STRUCTURE

Abstract: Source: US3840267A A box-like expandable unit adapted to cover the fixed, movable space of a trailer, camper, or other vehicle or structure or the like. The box-like top unit is of generally parallelepiped shape and capable of being slid over its open-top bottom unit, rotated through 90° and positioned vertically thereto. From one end of the top unit a roof portion, side walls and a rear wall may be unfolded to provide a habitable front space. Similarly from the other end of the top unit a floor, roof, side walls and rear walls may be unfolded to provide a habitable rear space. The structure may be opened to more than twice as long as the original unit. The top unit may also be mounted on top of a camper, a panel truck or mini-bus. Also the expandable unit may be used by itself and mounted against the wall of a building to provide an enclosed, habitable patio structure or extra room or used separately to provide a complete, separate space enclosure when expanded. Claims, 25 Drawing Figures

Probable Assignee: ELM DESIGN INC

Earliest Publication Date: 19741008



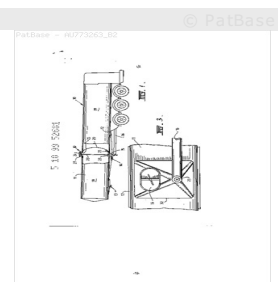
3) Family number: 11239649 (AU199952681A)

APPARATUS FOR STORING A LIQUID

Abstract: Source: AU199952681A The present invention provides an apparatus for storing a liquid, comprising: a tank for containing said liquid; inlet means allowing for influx of said liquid and outlet means allowing for efflux of said liquid; breather means allowing expulsion of air from said tank during filling and influx of air during emptying; and a manway located in the underside of said tank. The invention also provides a breather arrangement for use in such an apparatus, and a tanker provided with such an apparatus. soss S. .i f H:\Vicky\Keep\speci\P35679 Byford Storage.doc 5/10/99

Probable Assignee: BYFORD FABRICATIONS PTY LTD

Earliest Publication Date: 20000413



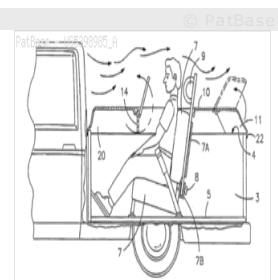
4) Family number: 11832042 (US5398985A)

TRUCK-BED COVER WITH PASSENGER COMPARTMENT

Abstract: Source: US5398985A A rigidly constructed tonneau cover, hatch and seat assembly is disclosed for converting the truck bed of a standard pickup truck into an expanded seating capacity outside of the truck cab. The assembly is comprised of a generally rectangular tonneau cover for covering the bed portion of the pickup truck. This cover includes a hingably openable back portion that functions like a trunk to allow easy access to the truck bed. This portion can be locked so the contents of the truck bed are secured. The tonneau cover also has a removable hatch that provides access and protection for a rotatably mounted windshield, and for persons in one or more seats slidably mounted on the truck bed. In the closed position, the hatch protects the truck bed, seats, and added cargo, etc., from damage and undesired access. When the hatch is detached from the tonneau cover, it may be positioned vertically behind the seats and projects above the surface of the tonneau cover. A windshield positioned in front of the passengers, in conjunction with the hatch, produces a region of reduced air movement within the passenger seating area. Consequently, drafts, wind and occasional debris that accompany the moving air are deflected away from the passengers. This provides added comfort and safety for the passengers, and lowers wind resistance along the bed of the truck.

Probable Assignee: ROBINSON BRUCE

Earliest Publication Date: 19950321



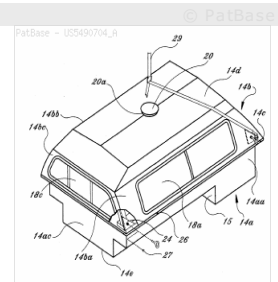
5) Family number: 12385301 (US5490704A)

SURVEILLANCE CAMPER TOP

Abstract: Source: US5490704A A surveillance camper module that is transferable from one truck bed to another comprising a complete enclosure adaptable for insertion into the bed of a truck, having an upper volume which disguises the bed as a camper, a lower volume which mates with the truck bed, side windows with barriers that are impervious to outside light for concealing its occupants, a comfortable interior volume with a multitude of surveillance equipment and a plurality of microphones installed around the perimeter of the camper for detecting outside disturbances.

Probable Assignee: INNOVATIVE SURVEILLANCE TECHNOLOGY INC

Earliest Publication Date: 19960213



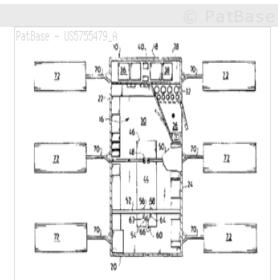
6) Family number: 14926057 (US5755479A)

UMBILICUS SYSTEM FOR DELIVERING MEDICAL SERVICES

Abstract: Source: US5755479A An umbilicus system includes a mobile medical unit and interior and exterior treatment platforms connected to the mobile medical unit with respective umbilici that include bundles of lines for conveying medical and electrical utilities from the mobile medical unit to the treatment platforms. The umbilici are supported within the treatment platforms on trays that have openings for extending free ends of the umbilici from either end of the treatment platforms. The utilities conveyed by the umbilici are made available from medical action boards located at a front end of the treatment platforms.

Probable Assignee: THERADYNAMICS CORP

Earliest Publication Date: 19980526



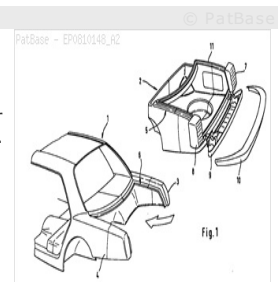
7) Family number: 15145182 (EP0810148A2)

MOTOR VEHICLE OF MODULAR CONSTRUCTION

Abstract: The **vehicle** is constructed from two modules. The first module (1) forms the front section with engine space, passenger cell, and **vehicle** axles. The second module (2) forms the rear section with boot and rear bumper (9,10). The second module is fitted between rear mudguards (3,4) which are formed at the back of the first module. An underbody is formed on or fastened to the lower edges of the mudguards. The second module is a self-supporting stable part, and fastened to the supporting body of the first module.

Probable Assignee: ISE INNOMOTIVE SYSTEMS EUROPE GMBH

Earliest Publication Date: 19971203



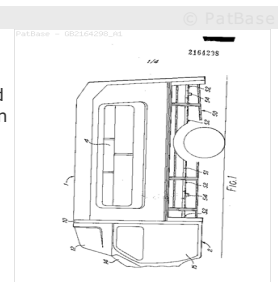
8) Family number: 1865119 (GB2164298A)

ROAD VEHICLES WITH DEMOUNTABLE-BODIES

Abstract: Source: GB2164298A A special-purpose road **vehicle** body, such as an ambulance body (1), is arranged to be demountably carried by a plurality of commercially available road **vehicle** chassis, and connected to the cabin (2) of the chassis. A roof addition (12) and side panel appropriate to the cabin shape are provided, so that the assembled **vehicle** has an aerodynamically and/or aesthetically satisfactory shape.

Probable Assignee: WADHAM STRINGER

Earliest Publication Date: 19860319



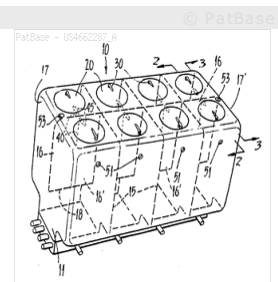
9) Family number: 2082296 (US4662287A)

TANKER SAFETY SYSTEM

Abstract: Source: US4662287A A safety system, particularly for use with fire fighting tankers, comprising a device whereby at least part of the contents of the tank can be caused to be rapidly discharged and having a hatch for the ingress into the tank of at least one person, the hatch being capable of being **sealed** after the person is in the tank so that the person is isolated from the surrounding atmosphere. Preferably the tank has a layer of insulating material thereabout, which layer maintains the temperature within the tank below a dangerous level for a person therein, at least for a period equal to the likely incidence of high temperature thereon.

Probable Assignee: CONNELL R M

Earliest Publication Date: 19840830



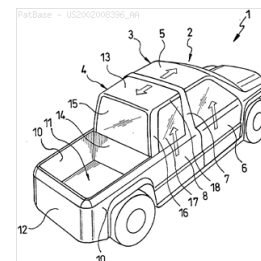
10) Family number: 28165453 (US2002008396A)

MOTOR VEHICLE WITH A CONVERTIBLE PASSENGER COMPARTMENT

Abstract: Source: US2002008396A A motor **vehicle** with a convertible passenger **compartment** (2) is formed from a fixed front section (3) which has the motor **vehicle** roof (5) and a rear movable sliding module (4) which is movably supported on the body and can be moved to vary the size of the passenger **compartment** (2) relative to the fixed front section (3) between a short position and a long position.

Probable Assignee: WEBASTO VEHICLE SYSTEMS INT

Earliest Publication Date: 20020103



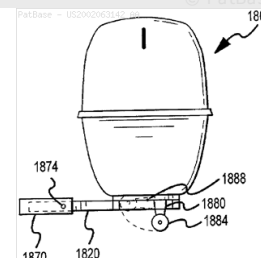
11) Family number: 28193352 (US2002063142A)

EQUIPMENT TRANSPORTATION SYSTEM

Abstract: Source: US2002063142A A carrier system for transporting equipment, such as bicycles. The carrier of a preferred embodiment of the present invention includes a spine member that is capable of having equipment mounting hardware attached to it. This equipment mounting hardware includes a platform, a cargo box, bicycle mounting hardware, golf bag mounting hardware, a flexible cover, and other types of hardware.

Probable Assignee: LET S GO AERO INC

Earliest Publication Date: 19991223



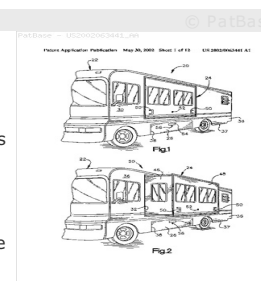
12) Family number: 30084180 (US2002063441A)

SLIDABLE ROOM ASSEMBLY

Abstract: Source: US2002063441A Abstract of Disclosure 32 A slidable room assembly comprises a **vehicle** body having an opening formed in an exterior wall, and a reciprocable slideout unit or **compartment** disposed in the opening and slidable between a retracted position and an extended position. Sliding movement of the slideout unit is controlled by means of a drive mechanism which includes either one or two endless cables. A plurality of sheaves, rotatably mounted on the slideout unit, define a path for the endless cable or cables. This path includes a pair of parallel longitudinally extending courses disposed on opposite sides of the slideout unit. Anchors, attached to respective longitudinally extending courses of the cable(s) and to adjacent portions of the **vehicle** body, effect relative reciprocation between the slideout unit and the **vehicle** body. Sliding movement of the slideout unit may be either motor driven or manually powered.

Probable Assignee: NORCO IND INC

Earliest Publication Date: 20001102



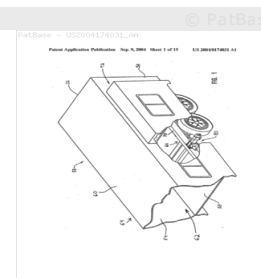
13) Family number: 30901600 (US2004174031A)

SLIDE-OUT MECHANISMS AND SYSTEMS

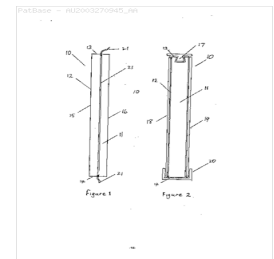
Abstract: Source: US2004174031A A land **vehicle** includes a first floor, a second floor, a first support member, a second support member, and a gear. The first support member may be coupled to the land **vehicle** and sloped relative to the first floor. The second support member may be supported by the first support member and coupled to the second floor. The second support member may include an engaging portion. The gear may cooperate with the engaging portion to move the second support member relative to the first support member and thus move the second floor between a first position where the second floor is positioned adjacent to the first floor and a second position where the second floor is substantially level with the first floor.

Probable Assignee: LIPPERT COMPONENTS INC

Earliest Publication Date: 20040909



Earliest Publication Date: 20040701



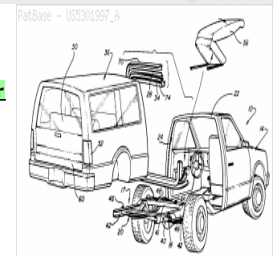
16) Family number: 11524414 (US5301997A)

MODULAR PASSENGER COMPARTMENT FOR MOTOR VEHICLE

Abstract: Source: US5301997A A utility **vehicle** such as a pick-up truck is modified by having a **modular compartment** mounted to the chassis so as to allow passengers to freely move between the cab and the **modular compartment**.

Probable Assignee: CUDDEN CHARLES

Earliest Publication Date: 19940412



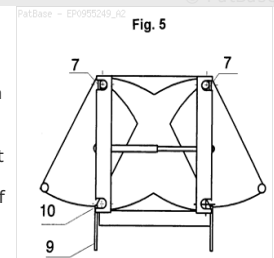
17) Family number: 12990377 (EP0955249A2)

MULTI-USE CARGO SPACE FOR TRANSPORTING BULK MATERIAL

Abstract: Source: EP0955249A2 The present invention relates to a multiuse cargo space suitable for use as a permanently mounted or portable cargo **compartment** in railroad cars, trucks and other **vehicles** and further to a method for utilizing such a cargo space in the transport and unloading of granular bulk material. Said cargo space comprises a frame body having corner structures (3) capable of serving as a support structure and at least one space (4) suitable for receiving a load. Said cargo space houses at least one cargo **compartment** (18) and at least one pivot point (19) for connecting said cargo **compartment** (18) to said frame structure, said pivot point (5,6) being located at the upper part of said cargo **compartment** (18) and disposed at a distance from the central line of said cargo space not smaller than the distance of the center of gravity of said cargo **compartment** (18) from the central plane of said cargo space.

Probable Assignee: VR OSAKEYHTIOE

Earliest Publication Date: 19991105



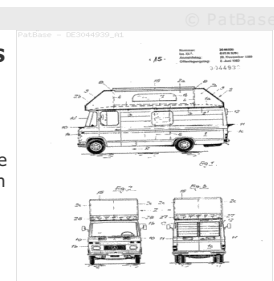
18) Family number: 2039141 (DE3044939A1)

NUTZRAUMAUFSATZ FUER KRAFTFAHRZEUGE ROOF SPACE EXTENSION FOR MOTOR VEHICLE - HAS MAIN SUPPORT FRAME RESTING ON VEHICLE ROOF AND SECURED TO GUTTERS

Abstract: Source: DE3044939A1 Patentansprueche zeitweise als Campingfahrzeug nutzbare Kleintransporter, wobei dieser Aufsatz als Schlafkabine und Gepaeckstauraum ausgebildet, lesbar an der Reenrinne des Fahrzeugs befestigt, ueber eine Dachdurchstiegs Luke mit Leiter vom Fahrzeuginnenraum her er reichbar und seine obere Partie zudem hochfahrbar ist, d a d u r c h g e k e n n z e i c h n e t, dass der gesamte Aufsatz (2) bodenseitig auf einem ebenflaechi gen, tragenden Grundrahmen (2') aufsitzt, mit diesem Rahmen weitestgehend buendig zu den aeusseren Fahrzeugbegrenzungen (1b bzw. The box-shaped caravan etc. extension on the **vehicle** roof is fitted directly to the gutters. The main part (2a) of the extension (2) forms a sleeping cabin, while the end sections (2b) form luggage **compartments**. The end walls (9) of the luggage **compartments** are hinged for access. Access to the sleeping **compartment** is by a ladder (6) through a space (7) in the roof. The cabin roof can be raised to provide dining space in good weather. To assist in reaching the luggage **compartments**, the **vehicle** is provided with additional standing boards (10,11) at the front and rear.

Probable Assignee: LORCH GEB VAN VLAENDEREN CECIL

Earliest Publication Date: 19820603



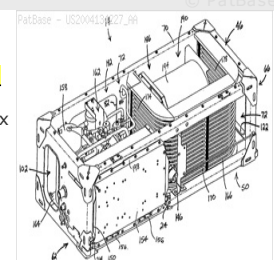
19) Family number: 23936254 (US2004134227A)

UNDERMOUNT TRANSPORT TEMPERATURE CONTROL UNIT

Abstract: Source: US2004134227A A condenser module for a temperature control unit (14) of a transport **vehicle** (10). The condenser module includes a frame (70) defining an interior space (72) and a substantially U-shaped condenser coil (166) supported by the frame in the interior space. The condenser module also includes a control box (150) for providing electric power to the unit. The control box (150) is movably coupled to the frame (70) and is movable between a first position, where the control box is inside the frame and positioned for operation of the temperature control unit and a second position, where the control box is at least partially outside the frame and positioned to grant access to the interior space of the frame.

Probable Assignee: THERMO KING CORP

Earliest Publication Date: 20021003



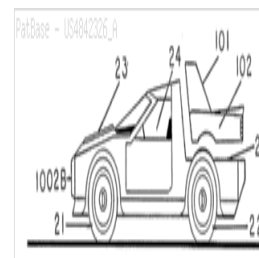
20) Family number: 24157704 (US4842326A)

MOTOR VEHICLES WITH INTERCHANGEABLE FUNCTIONAL BODY MODULES

Abstract: Source: US4842326A **Modular** motor **vehicles** are provided with a plurality of independently operable functionally different automobile and truck type core **vehicles** and a plurality of interchangeable functionally different body and chassis modules attachable to the core **vehicles**. The core **vehicles** utilize standardized first engagement means including frames and adapter plate elements connected to or "unitized" into the core **vehicles**. Said first engagement means of the cores have positioning elements and alternating connecting elements at standardized predetermined spacing and location defining a structurally rigid bed for the modules. The modules incorporate a second engagement means, located and spaced to complement said first engagement means, making it possible to easily align, connect and disconnect the modules with respect to the core **vehicles**. The modules incorporate a third engagement means to align and connect the multiple-piece modules together. Second and third engagement elements can be discrete entities attached to the modules or "unitized" into the modules themselves. The core **vehicles** include front, mid and rear engine configurations.

Probable Assignee: DIVITO JOHN A

Earliest Publication Date: 19890627



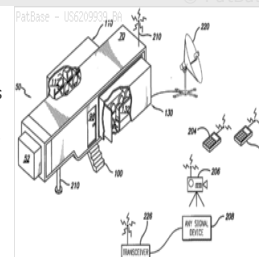
21) Family number: 26941403 (US6209939B)

ON-SITE MEDIA TRAILER

Abstract: Source: US6209939B A media or recorded event editing and screening trailer provides portable means by which editing and screening equipment can be brought on-site or otherwise to provide greater efficiency and less delay in processing film or other media. A large trailer such as that used in tractor/trailer rigs provides the basis for a combined facility incorporating a projection room, a screening area, several editing consoles, a refreshment area, an equipment area, a foyer, and an editing area. Slideouts provide increased interior volume space for greater working comfort yet are sturdy and stable both in their deployed and collapsed conditions. For travel, the slideouts slide into the interior of the trailer in order to provide a minimal exterior displacement conforming with interstate highway regulations, and/or the like. Doors with stairs descending and making transition to the ground are provided on each side of the trailer. Satellite or other wireless transmission communications processing equipment can accompany the digital or other editing equipment held securely within the confines of the trailer. A generator or the like generating power at approximately 20-25 kilowatts with a 50-gallon fuel reservoir allows the on-site media trailer of the present invention to attain some self-sufficiency. Alternative embodiments of the present invention include a container-like shell with removable wheels or the like, making the trailer more **modular** and transportable.

Probable Assignee: WACKER MICHAEL K

Earliest Publication Date: 20010403



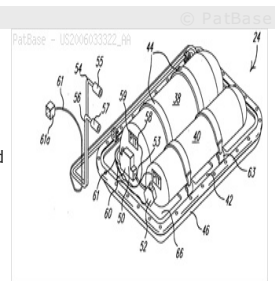
25) Family number: 32625255 (US2006033322A)

MODULAR FUEL STORAGE SYSTEM FOR A VEHICLE

Abstract: Source: US2006033322A A gaseous fuel storage system for a vehicle is disclosed. The fuel storage system can be installed as a modular unit in the vehicle. The fuel storage system is pivotable relative to the vehicle to allow easy accessibility to the storage tanks without requiring the storage tanks to be unmounted from the vehicle. The fuel storage system also provides protection for the storage tanks through the use of shielding and energy absorbing material.

Probable Assignee: GM GLOBAL TECHNOLOGY OPERATIONS LLC

Earliest Publication Date: 20060216



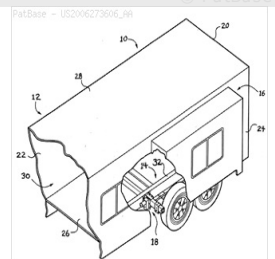
26) Family number: 33976668 (US2006273606A)

SLIDE-OUT MECHANISMS AND SYSTEMS

Abstract: Source: US2006273606A A vehicle such as a recreational vehicle includes a slide-out portion such as a slide-out compartment, slide-out patio, etc that moves between a retracted position and an extended position to increase the living space in the vehicle. The slide-out portion includes a second floor that is positioned adjacent to a main floor when the slide-out portion is retracted. A slide-out mechanism is used to move the second floor between the retracted position and the extended position. The second floor may be at least substantially flush with the main floor when the slide-out portion is in the extended position.

Probable Assignee: LIPPERT COMPONENTS INC

Earliest Publication Date: 20061207



27) Family number: 35998312 (US7263754B)

TRUCK SLEEPER

Abstract: Source: US7263754B A truck cab and sleeper unit are extended using a preferred stepped aerodynamic roof which at a first ceiling level corresponds to the original sleeper unit ceiling height, and which at a second ceiling level corresponds to the original sleeper unit ceiling height plus the height difference between the truck cab height and the original sleeper unit ceiling height. The original sleeper roof may be used, or a new unitary roof may be fabricated. The apparatus and method of the invention preserve all or most of the components of an original sleeper unit, while enabling rapid conversion comparable to the full replacement of the prior art.

Probable Assignee: HENRY DAVID J

Earliest Publication Date: 20070904



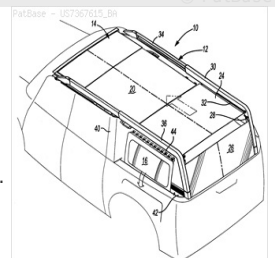
28) Family number: 41777463 (US7367615B)

MODULAR SLIDING RIGID PANEL ROOF SYSTEM

Abstract: Source: US7367615B A retractable roof assembly for a vehicle is provided that includes relatively movable rigid panels that are positioned to cover a passenger/cargo compartment of the vehicle in an extended position and that are stacked one above another in a retracted position. A telescoping track is provided on opposite lateral sides of the vehicle to guide movement of the roof panels. D-pillars of the roof assembly are slidable between a position wherein they are spaced from the C-pillars to a retracted position in which the D-pillars are adjacent to the C-pillars. Side windows of the vehicle are retracted into the rear quarter panel area of the vehicle.

Probable Assignee: MAGNA CAR TOP SYSTEMS GMBH

Earliest Publication Date: 20080506



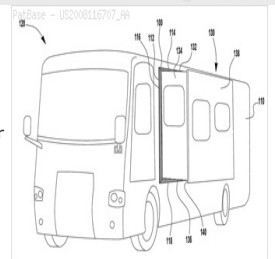
29) Family number: 41820197 (US2008116707A)

SEALING ASSEMBLY

Abstract: Source: US2008116707A The present application discloses several embodiments of sealing assemblies and sealing components. In various embodiments, sealing assemblies are provided which include a frame assembly and at least one sealing component selected from a wiper seal and a bulb seal. In additional embodiments, a bulb seal is provided alone separate from a sealing assembly. In additional embodiments, a wiper seal is provided alone separate from a sealing assembly.

Probable Assignee: MANTALINE CORP

Earliest Publication Date: 20080522



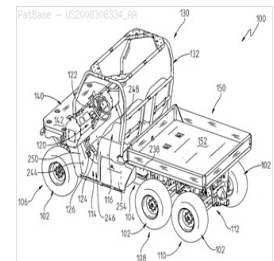
30) Family number: 42176671 (US2008308334A)

VEHICLE WITH SPACE UTILIZATION

Abstract: Source: US2008308334A A utility vehicle with space utilization features is disclosed. The space utilization features provide storage and access to components.

Probable Assignee: POLARIS IND INC

Earliest Publication Date: 20080925



31) Family number: 43087140 (ES1069504U)

© PatBase

SISTEMA PARA ISOTERMIZAR UN VEHICULO **ISOTERMIZAR SYSTEM FOR A VEHICLE (MACHINE TRANSLATION)**

Abstract: Source: ES1069504U 1. Sistema para isotermizar un vehiculo, estando destinado para su montaje en vehiculos para el transporte de productos perecederos que deben conservar la cadena de frio durante su transporte, cuyo aislamiento se basa en la incorporacion de una serie de paneles aislantes, caracterizado porque el sistema comprende una pluralidad de piezas (1) de fijacion al chasis (9) y una serie de paneles (2) aislantes, tipo sandwich, prefabricados, cuyos paneles (2) aislantes prefabricados se fijan a traves de la pluralidad de piezas (1) de fijacion al chasis, regulando el posicionamiento de los paneles (2) aislantes para definir un habitaculo estanco y adaptable al habitaculo de carga definido en el modelo de vehiculo de fabrica al que se adapta, independientemente, de las posibles tolerancias del mismo. 2. Sistema para isotermizar un vehiculo, segun reivindicacion 1, caracterizado porque la pluralidad de piezas (1) de fijacion al chasis (9) del vehiculo y de los paneles (2) aislantes presentan unos orificios (5) rasgados regulando el posicionamiento adosado de los paneles (2) aislantes y de fijacion al chasis, definiendo un identico habitaculo estanco en todos los vehiculos, del mismo modelo, en los que se monte. 3. Sistema para isotermizar un vehiculo, segun reivindicacion 1, caracterizado porque los paneles (2) aislantes se definen por un cuerpo (3) de material aislante y una lamina (4) de fibra de vidrio quedando adosados entre si por sus laterales escalonados. 4. Sistema para isotermizar un vehiculo, segun reivindicaciones 1 y 3, caracterizado porque entre la superficie escalonada de adosamiento de los paneles (2) aislantes se incorpora, al menos, una goma (6) de sellado. 5. Sistema para isotermizar un vehiculo, segun reivindicacion 1, caracterizada porque la fijacion atornillada de los paneles (2) aislantes entre si y a la correspondiente pieza (1) de fijacion al chasis (9) es materializada en la superficie escalonada de adosamiento.

Machine translation: 1. Isotermizar system for a **vehicle**, being adapted for mounting in **vehicles** for the transport of perishable products which must maintain the cold chain during transport, whose isolation is based on the incorporation of a series of insulated panels, wherein the system comprises a plurality of pieces (1) for fixing to the chassis (9) and a series of panels (2) insulating sandwich prefabricated, whose panels (2) fixing prefabricated insulating through the plurality of pieces (1) fixing the chassis, adjusting the positioning of the panels (2) to define an interior insulating waterproof and adaptable to the load carrier as defined in the factory model **vehicle** which is adapted independently of possible tolerances thereof. 2. Isotermizar system for a **vehicle** according to claim 1, wherein the plurality of parts (1) fixing the chassis (9) of the **vehicle** and panels (2) insulating presentannos holes (5) torn regulating the positioning of the panels attached (2) isolating and fixing the frame, defining a watertight **compartment** identical in all **vehicles**, the same model, in which Mt. 3. Isotermizar system for a **vehicle** according to claim 1, wherein the panels (2) defined by an insulating body (3) of insulating material and a sheet (4) being glass fiber attached to each other by their lateral staggered. 4. Isotermizar system for a **vehicle** according to claims 1 and 3, characterized in that between the stepped surface of attachment of the panels (2) insulation is incorporated at least one rubber (6) **sealing**. 5. Isotermizar system for a **vehicle** according to claim 1, wherein the fixing screw of the panels (2) insulation between them and the corresponding part (1) fixing the chassis (9) is embodied in the stepped surface of adosamiento.

Probable Assignee: IRMSCHER S A E

Earliest Publication Date: 20090401

32) Family number: 43725028 (DE202009005645U1)

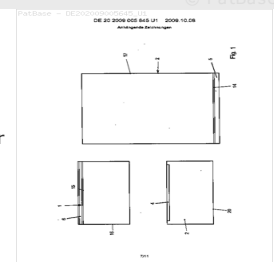
© PatBase

TRANSPORTBOX FUER EIN TIER

Abstract: Source: DE202009005645U1 (Claim 1) 1. Transportbox fuer ein Tier in einem Fahrzeug, insbesondere in einem PKW, wobei die Transportbox aus Boden (2) und Seitenelementen (9.1, 9.2), einem Rueckwand- und zumindest einem Deckenelement (1, 3) sowie einem Tuerelement (8) zusammengesetzt ist, dadurch gekennzeichnet, dass die einzelnen Elemente zum Herstellen der Transportbox zumindest teilweise zerlegt und/oder teilweise vormontiert zu einem Bausatz zusammengesetzt sind.

Probable Assignee: SCHMIDT FAHRZEUGBAU GMBH

Earliest Publication Date: 20090903



33) Family number: 43838631 (US2009256392A)

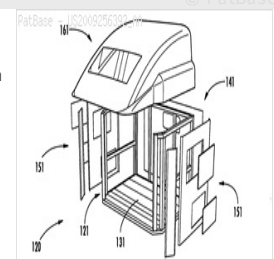
© PatBase

SLEEPER CAB ASSEMBLY FOR VEHICLE

Abstract: Source: US2009256392A A sleeper cab assembly for a **vehicle** includes a frame configured to provide a support structure for at least a portion of the sleeper cab assembly. The frame includes a plurality of frame members coupled together. Each of the frame members are formed of a reinforced polymeric material.

Probable Assignee: MERIDIAN AUTOMOTIVE SYSTEMS INC

Earliest Publication Date: 20091015



34) Family number: 44004955 (US2009285643A)

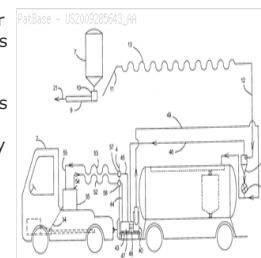
© PatBase

HYDRAULICALLY DRIVEN CONVEYOR

Abstract: Source: US2009285643A An residual feed pick-up system for poultry farming utilizes a tractor and trailer combination in which the blower for a pneumatic conveyor is mounted on the trailer. The hydraulic motor that drives the blower is also located on the trailer. Feed pick-up can be effected by the trailer accompanied by a standard over-the-road tractor equipped with a conventional and economically available hydraulic power takeoff unit commonly known as a PTO. The feed supplier to the poultry farm can use any of such commonly configured tractors in its normal operating fleet combined with the trailer having the onboard hydraulically driven blower for low-volume, residual feed pick-up service, thereby increasing reliability and availability of the service at advantageously low cost.

Probable Assignee: ULTRA TRANSFER SYSTEMS LLC

Earliest Publication Date: 20091119



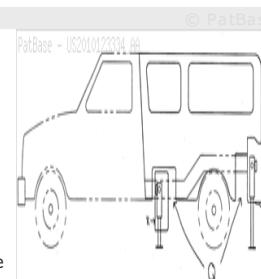
35) Family number: 45000780 (US2010123334A)

QUICK CHANGING REAR MODULE BODY **VEHICLE**

Abstract: Source: US2010123334A Interchangeable Rear **Modular** Body **Vehicle**. This invention would have a driving cab containing everything needed to drive a **vehicle**, an engine, at least four wheels and a gas tank. The rear of the driving cab behind the driver and passenger doors would be open to the back allowing many different rear body configurations to be attached to the driving cab. This invention with the frame and rear body designs would allow for fast and easy attachment and removal of rear **modular** bodies. This includes four sliding lock jacks which will be attached to the Rear Module Bodies that will allow these bodies to be removed and or attached to the frame. Jacks will manually deploy from **compartments** in the rear module bodies by pulling out and disconnecting the rear module body from frame then rotating 90 degrees allowing jacks to lift body off of frame. Jacks will be electrically powered with a control switch located in one of the **compartments**. Once the rear body module and the frame are separated the electrical power will need to be disconnected using a quick disconnect feature. Allowing the driving cab to be driven to another rear module body. To reattach another rear module body, position **vehicle** under rear module body aligning frame with the frame channels. Connect electric power and retract jacks which will lower body onto frame. Once jacks are fully retracted, rear module body will need to be locked to the the driving cab by manually rotating jacks 90 degrees and by pushing jacks back into stored position which also locks rear module body to frame.

Probable Assignee: TIMOTHY BURTLET ISCHE

Earliest Publication Date: 20100520



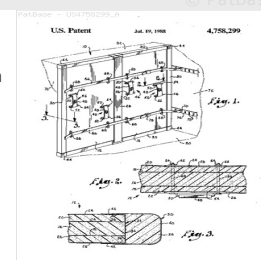
36) Family number: 4901917 (US4758299A)

METHOD OF MAKING COMPOSITE FOAM STRUCTURAL LAMINATE

Abstract: Source: US4758299A A laminated structural panel which is especially well suited for the construction of a bulkhead used to partition a trailer or other cargo container. The center of the panel is formed by a polyurethane foam core panel sandwiched between a pair of flexible plastic reinforcing sheets adhesively bonded to opposite sides of the core panel. Additional layers of foam are adhesively bonded to the reinforcing sheets, and the outer foam layers are covered by puncture and abrasion resistant skins which are adhesively bonded to the foam. The reinforcing sheets provide the structural foam with tensile strength and with both beam and column strength because of their ability to resist being stretched. The outer foam layers provide impact resistance and enhanced strength due to the effect of the added laminations.

Probable Assignee: ROM ACQUISITION CORP

Earliest Publication Date: 19880719



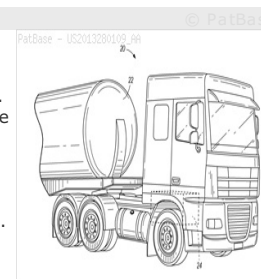
37) Family number: 50846773 (US2013280109A)

MODULAR DISCHARGE SILENCER FOR **VEHICLE**-MOUNTED COMPRESSOR

Abstract: Source: US2013280109A A **modular** silencer for use on a compressor or blower mounted on a **vehicle**. The compressor has an intake port and an exhaust port, and the silencer has an inlet port in communication with the exhaust port of the compressor. The silencer includes a silencer housing and a resonator assembly removably positioned inside the housing. In one embodiment, the compressor includes a compressor housing and a power input shaft protruding from the compressor housing adjacent the air exhaust port. The silencer housing preferably includes a concave portion that at least partially receives the power input shaft. The silencer housing can also include a groove on the inner surface, and the resonator assembly can be at least partially positioned in the groove. Preferably, the resonator assembly includes a resonator plate, a plurality of resonator pipes extending through the plate, and a reinforcing flange coupled between at least two of the resonator pipes.

Probable Assignee: INGERSOLL RAND CO

Earliest Publication Date: 20120329



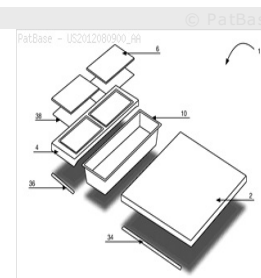
38) Family number: 50898158 (US2012080900A)

OPEN BED **VEHICLE** COVER AND STORAGE SYSTEM

Abstract: Source: US2012080900A Technologies and implementations related to open bed **vehicle** cover and storage systems are generally disclosed.

Probable Assignee: TRUCK LIDZ INC

Earliest Publication Date: 20120405



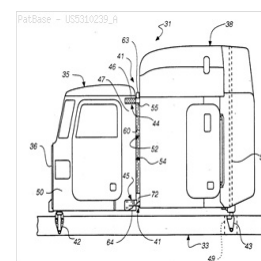
39) Family number: 8457339 (US5310239A)

MODULAR CAB AND SLEEPER STRUCTURAL ASSEMBLY FOR A TRUCK-TRACTOR **VEHICLE**

Abstract: Source: US5310239A A **modular** cab/sleeper structural assembly (31) for a truck-tractor **vehicle** (30) is provided which improves ride quality and structural integrity without substantially increasing the overall weight or sacrificing any advantages of separate cab and sleeper units. The assembly (31) includes a chassis frame (33) extending substantially longitudinal of the **vehicle** (30) and a cab unit (35) having a cab structural assembly (37) mounted to the chassis frame (33) by a first mount (42). A sleeper unit (38) having a sleeper structural assembly (40) is mounted to the chassis frame (33) by a second mount (43). A coupling member (41), coupled between the cab structural assembly (37) and the sleeper structural assembly (40) and independent of the chassis frame (33), rigidly couples the sleeper structural assembly (40) and the cab structural assembly (37) together to produce a substantially unified composite structure for increased structural integrity. A method for improving ride quality and structural integrity of the **modular** cab/sleeper structural assembly (31) is also provided.

Probable Assignee: PACCAR INC

Earliest Publication Date: 19940510



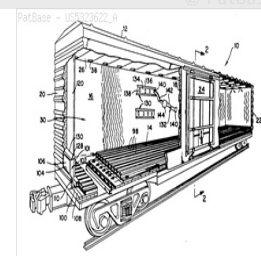
40) Family number: 9113981 (US5323622A)

MULTI-TEMPERATURE CRYOGENIC REFRIGERATION SYSTEM

Abstract: Source: US5323622A A multi-temperature cryogenic refrigeration system for a container is selectively operable to maintain its cargo in frozen and non-frozen conditions. The system includes a cargo **compartment** defined by a floor, a pair of opposed side walls, a pair of opposed end walls, and a lower ceiling. A roof is located above the lower ceiling. Upper and lower **compartments** or bunkers are provided between the lower ceiling and the roof, and are separated by a fixed, non-porous **upper ceiling**. A plurality of openings extend through the lower ceiling for fluid communication between the lower **compartment** and the cargo **compartment**. Upper and lower cryogenic snow-forming devices are provided in the upper and lower **compartments**, with each snow-forming device having a coupling connecting it to a supply of cryogenic liquid. Conduits or passages are located in the walls and floor to convey the cryogenic snow and gas from the upper **compartment** and through the walls and floor in a manner that isolates the cryogenic snow and gas from the cargo **compartment**.

Probable Assignee: CRYO TRANS INC

Earliest Publication Date: 19940628



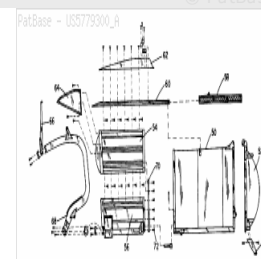
41) Family number: 11014572 (US5779300A)

MODULAR PACKER BODY

Abstract: Source: US5779300A A dedicated truck body selected from the group including top loading refuse **vehicle** bodies is fabricated using a plurality of discreet, independently removable and replaceable **modular** subassemblies for separate replacement in response to non-uniform wear and damage requirements.

Probable Assignee: MCNEILUS TRUCK AND MFG

Earliest Publication Date: 19980714



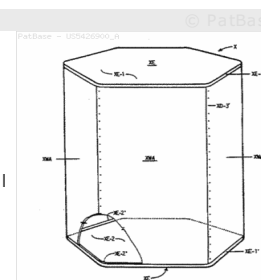
42) Family number: 11992620 (US5426900A)

MULTI-PURPOSE HEXAGONAL BUILDING MODULE

Abstract: Source: US5426900A A multi-purpose hexagonal building module constructed of identically configured panels connected together at lap joints, with each panel having a large flat rectangular section and an integral smoothly curved section. When the panels are interconnected to form a hexagonal module, the relatively large rectangular flat sections collectively constitute the module's six planar walls and the relatively small smoothly curved panel sections function as rounded module corners. The module can be disposed with its central symmetrical axis vertical or horizontal, and can be used as a housing unit or as a container for product storage. The module, whether used for storage or as a living unit, and whether disposed horizontally or vertically, can be permanently mounted at a single site or made mobile by mounting on a **vehicle** or ship for transport across land or water. The module is relatively inexpensive in terms of cost of material and assembly, exhibits substantial structural strength against loads of various types in an axial, horizontal, or torsional direction, and is readily erected with simple tools and without special skills. The modules can be stacked vertically to form a multi-level building, arranged compactly in a tightly nested honeycomb arrangement, or spaced horizontally and interconnected by filler panels for a more expansive building.

Probable Assignee: SPRINGER ROBERT H

Earliest Publication Date: 19950627



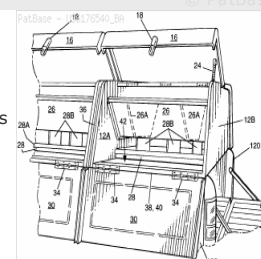
43) Family number: 14949590 (US6176540B)

MODULAR TOOL AND ACCESSORIES CARRIER FOR USE ON TRUCK BEDS

Abstract: Source: US6176540B The present invention relates primarily to a removable **modular** tool and accessories carrier for use on a pickup truck load bed. Each enclosed storage **compartment** module provides for the organizational arrangement of the contents, having centrally oriented bins suitable for the storage of larger tools and trays for carrying items, such as, replacement parts and materials. A pass-thru provides access to larger items stored on the existing load bed of the pickup truck. Each module is comprised of centrally hinged doors, opening upwardly for ease of access, mating with drop-down hinged doors. The upwardly opening doors are maintained in the open position using frictional snap-spring hold-opens. When both doors are in a closed position, a mechanical locking means provides the secure integrity of the contents being transported. Each module has a cascaded centrally located drip channel to direct the flow rainwater off the top of the cap and to prevent it from collecting by diverting it downwardly.

Probable Assignee: WHITTAKER JOHN

Earliest Publication Date: 20010123



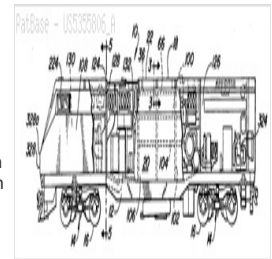
44) Family number: 15038953 (US5355806A)

MONOCOQUE LOCOMOTIVE

Abstract: Source: US5355806A A locomotive assembly having a longitudinally extending platform and attached sidewalls with a frontal nosepiece extending about a front portion of the platform. The locomotive having a connection device for connecting components to hollow supports in the sidewalls without deforming the sidewalls, a bulkhead with an attached portion for preassembly components thereon before insertion between the sidewalls, a window assembly **sealingly** disposed in an opening within the sidewall and attached to the sidewall to allow limited relative movement without disrupting the **seal**, an enclosed headlight assembly flush mounted in the nosepiece with air circulation to prevent overheating within the assembly and an integral collision assembly for transferring collision forces to the platform.

Probable Assignee: PG ACQUISITION CO INC

Earliest Publication Date: 19941018



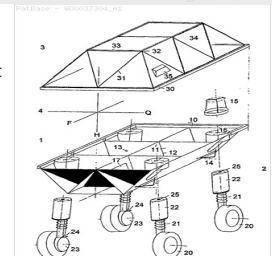
45) Family number: 15795519 (WO0037304A1)

VEHICLE

Abstract: The invention relates to a **vehicle**, especially a **vehicle** with a chemical-electrical converter and at least one electric motor. The **vehicle** is configured in such a way that the **vehicle** body is made up of at least one **modularly** constructed support structure (1, 3) and a **modularly** constructed travelling structure (2), the drive units being located in the support structure (1, 3) and the travelling structure (2). The travelling structure (1, 3) has a periodic and/or spatial (three-dimensional) construction with triangular elements and is made up of flat and rolled panels (11, 16) or sheets and straight bars (31) or hollow profiles.

Probable Assignee: RADEBOLD HELMUT

Earliest Publication Date: 20000629



46) Family number: 16996218 (DE29815947U1)

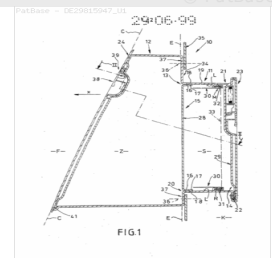
TRANSPORT DEVICE, E.G. FOR PERSON AND KOMBINATIONSKRAFTWAGEN

Abstract: Source: DE29815947U1 (Claim 1) 1. Transportvorrichtung (10), wie z.B. fuer Personen- oder Kombinationskraftwagen, mit einem in einer fahrzeugseitigen Halterung (34, 35) angeordneten Rahmengerhaeuse (11), welches einen Behaelter-Stauraum (S) fuer einen zu einem Behaelter-Staувolumenverkleinerbaren, zusammenlegbaren, innerhalb des Rahmengerhaeuses (11) festlegbaren, insbesondere sackartigen Behaelters (30) fuer vornehmlich langgestrecktes Ladegut, wie z.B. fuer Skier, bildet, wobei mindestens einer sich zur Haupteerstreckungsebene des Rahmengerhaeuses (11) etwa parallelen Oeffnungsflaeche (13) des Rahmengerhaeuses (11) ein Deckel (25) zugeordnet ist, **dadurch gekennzeichnet**, da / 3 das Rahmengerhaeuse (11) zumindest auf der einen Seite (bei F) seiner fahrzeugseitigen Halterung (34, 35) mit einem Zusatzgerhaeuse (12) versehen ist, welches an die Oeffnungsflaeche (13) des Rahmengerhaeuses (11) angeschlossen ist und welches zugleich den Deckel (25) bildet oder die Funktion des Deckels uebernimmt.

Machine translation: (Claim 1) 1 Transport device (10), e.g. for passenger or station wagons, with one in a **vehicle**-mounted bracket (34, 35) arranged Rahmengerhaeuse (11), which is a container-storage space (S) for one to a container-Staувolumenverkleinerbaren, collapsible, within the Rahmengerhaeuses (11) fixable, especially sackartigen Behaelters (30) primarily for elongated cargo, such as for skis, forms, wherein at least one of the frame itself zur Haupteerstreckungsebene engehaeuses m (11) approximately parallel opening fl EXT (13) of Rahmengerhaeuses (11) a lid (25) assigned to td, characterized, da / 3 engehaeuse the frame m (11), at least on one side (F) of its **vehicle**-side holder (34, 35) with a Zusatzgerhaeuse (12), is that the Oeffnung fl EXT (13) des Rahmengerhaeuses (11) connected and which is also the cover (25) makes or takes over the function of the lid.

Probable Assignee: BUTZ PETER VERWALTUNG

Earliest Publication Date: 19990805



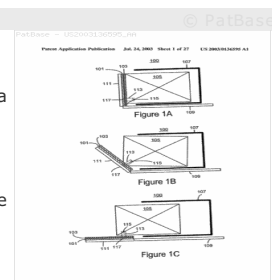
47) Family number: 28575043 (US2003136595A)

POWER ASSISTED CARGO AREA EXTENDER

Abstract: Source: US2003136595A A power assisted cargo area extender is provided that consists of a top panel, a bottom panel, and two side panels. The bottom panel is part of or is attached to the tailgate of a truck or SUV and has channels in which the side panels slide. Once the tailgate is lowered, the top panel, which is adjacent to the bottom panel and connected to the bottom panel with hinges, is rotated upward and outward around the hinges under control of a motorized actuator. In addition or separately, the side panels are extended and locked into an open position under control of a motorized actuator, and/or the top panel is closed to form a temporary tailgate. The top panel is latched to the side panels and the cargo area extender is fully deployed. These operations may be performed manually or via powered actuators or motors. The top panel may be equipped with an extension to increase the height of or modify the contour of the temporary tailgate.

Probable Assignee: LACY LAWRENCE O

Earliest Publication Date: 20030527



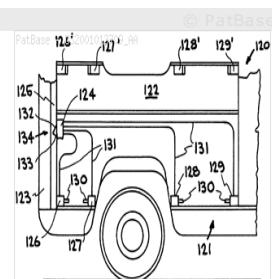
48) Family number: 30092365 (US2001013709A)

HIDDEN STORAGE FOR **VEHICLES**

Abstract: Source: US2001013709A A hidden storage for **vehicles** such as pickups, trucks, vans and utility/sports, utility and emergency **vehicles** without altering the external appearance of the **vehicle**. The hidden storage is located adjacent one or both sides of the **vehicle** between a rearmost side door and the rear of the **vehicle** or in the **vehicle** bed. The hidden storage is accessible only via one or more hinged side panel sections of the **vehicle**, and access to the interior of the **vehicle** does not provide access to the hidden storage area. The hidden storage is provided by a storage box secured to the side of the **vehicle** and the interior of the storage box is only accessible through opening of an associated hinged section of the side panel of the **vehicle**, which can be locked shut.

Probable Assignee: LONG NEIL G

Earliest Publication Date: 19961022



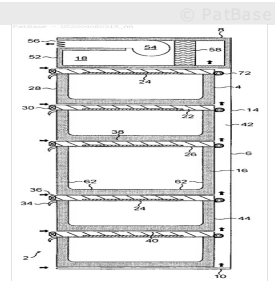
49) Family number: 32694219 (US2004060319A)

AIRFLOW MANAGEMENT IN COLD STORAGE APPLIANCES

Abstract: Source: US2004060319A A cold-storage appliance (2) includes an open-topped insulating container (16) defining an external surface; an insulating lid (22) adapted to close the open top of the container (16); a cooling means (24) adapted to cool the interior of the container (16); and a structure supporting the container (16), the lid and the cooling means; wherein the container (16) is mounted to the structure (4) for movement relative to the structure (6) and the lid (22) to open the container (16) and afford access to its interior or to close the container (16). A cold-storage appliance with air transfer valves (352, 356) that mitigate the piston effect experienced when opening and closing a drawer (4). Bellows (374) attached to the drawer (4) to maintain the vapour barrier.

Probable Assignee: APPLIED DESIGN AND ENGINEERING LTD

Earliest Publication Date: 20010314



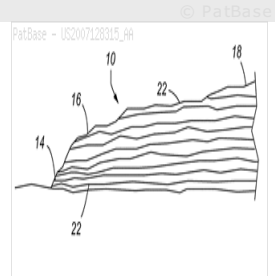
50) Family number: 34538859 (US2007128315A)

METHOD AND SYSTEM FOR RECOVERING AND PREPARING GLACIAL WATER

Abstract: Source: US2007128315A Methods and systems for grouping, recovering, and processing ice obtained from an ice source, i.e., a glacier, ice sheet, ice cap, etc., are described herein. In particular, the ice obtained from the ice source is separated and grouped according to common unique properties and processed as a beverage for consumption having the same unique properties.

Probable Assignee: WATERS OF PATAGONIA SA

Earliest Publication Date: 20070607



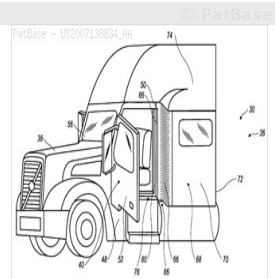
51) Family number: 34573324 (US2007138834A)

MODULAR DAY/SLEEPER CAB AND INTERFACE THEREFOR

Abstract: Source: US2007138834A Method and arrangement for providing a modular tractor assembly including a driver compartment having a rearward connecting edge configured to slidably receive a complementary forward connecting edge of one of a day compartment module, a sleeper compartment module, or an inter-modular fairing connector assembly. A portion of the rearward connecting edge of the driver compartment has a flange portion disposed at an acute angle relative to a long axis of the tractor for complementarily receiving a forward connecting edge of one of the day compartment module, the sleeper compartment module and the inter-modular fairing connector assembly. The interface between the driver compartment and the day compartment module, a sleeper compartment module, or an inter-modular fairing connector assembly is substantially hidden by the doors of the vehicle to provide an aesthetically pleasing appearance.

Probable Assignee: AB VOLVO

Earliest Publication Date: 20070619



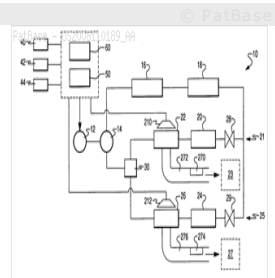
52) Family number: 41798861 (US2008110189A)

HVAC SYSTEM

Abstract: Source: US2008110189A An HVAC system for a vehicle. The HVAC system includes a battery management controller, which can be used to run the components of the HVAC system when the engine of the vehicle is not running.

Probable Assignee: CARRIER CORP

Earliest Publication Date: 20080515



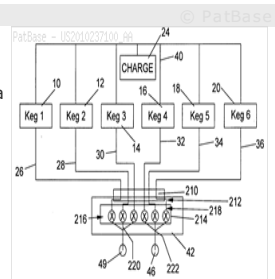
53) Family number: 46869492 (US2010237100A)

BEVERAGE STORAGE AND DISPENSING SYSTEM

Abstract: Source: US2010237100A A beverage storage and dispensing system has a carrier designed for housing a beverage contained in a bulk container. The carrier fits in a temperature controlled box having a self-contained cooling system for maintaining the temperature in the box within a desired temperature range. A dispenser is associated with the box and adapted for communicating from the exterior of the box to the interior of the box for selectively connecting the bulk container to the dispenser system. A gas charge unit is housed in the carrier for gas charging the bulk container while it is in the box. An electrical charge system is housed with the condenser and compressor for charging a battery for operating the compressor system.

Probable Assignee: BROUSSARD KENNETH W

Earliest Publication Date: 20100923



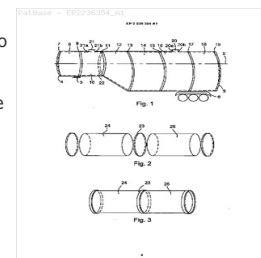
54) Family number: 47005488 (EP2236354B1)

SELF-SUPPORTING TANKER

Abstract: The **vehicle** has a tank body (1) supported by a set of wheels (6) and provided with annular sections such as intermediate junctions (7-19) and caissons (8-18). The sections are separated along planes perpendicular to a longitudinal axis (2). Tractive forces are transmitted from a traction fastener (3) of the tank body to the set of wheels via two of the sections. Each section has annular outer and inner walls between which a foam layer is intercalated, where the walls are made of monolithic composite material. The composite material comprises a tissue of fibers constituted of material chosen from a group comprising carbon, silicon carbide glass, aluminum, aramid fiber and vegetable fibers.

Probable Assignee: MAGYAR ETS

Earliest Publication Date: 20101006



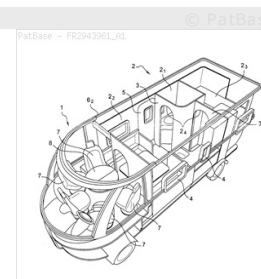
55) Family number: 47097085 (FR2943961B)

VEHICULE AUTOMOBILE DU TYPE CAMPING-CAR

Abstract: The **vehicle** has a passenger **compartment** (1) including an autonomous panoramic space equipped with passenger seats. The seats are mounted rotatably to occupy a tracking position in an axial alignment of the **vehicle**, and to occupy a relaxation position when the **vehicle** is stopped. A stop unit is provided for locking armchairs (7) in one of the positions. A folding table (8) is located at an intersection portion of the seats, so as to convert a cockpit into a convivial cell when the seats are in the relaxation position.

Probable Assignee: CALIMA

Earliest Publication Date: 20101008



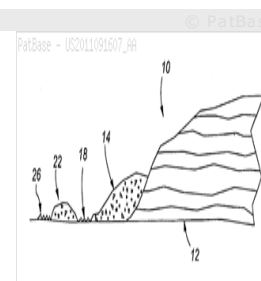
56) Family number: 48764569 (US2011091607A)

METHOD AND SYSTEM FOR PROCESSING GLACIAL WATER

Abstract: Source: US2011091607A Methods and systems for recovering, and processing ice obtained from an ice source, i.e., a glacier, ice sheet, ice cap, etc., are described herein. In particular, the ice obtained from the ice source holds unique properties and is processed as a beverage for consumption having unique properties. Further, the resulting product is produced with minimal human alteration and reduced energy input as compared to conventional methods for packaging water.

Probable Assignee: WATERS OF PATAGONIA SA

Earliest Publication Date: 20110421



57) Family number: 49811902 (DE202011102014U1)

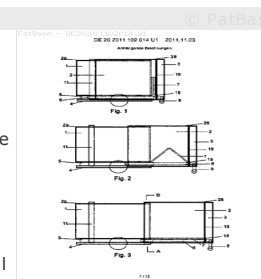
WOHNWAGEN, WOHNMOBIL, WOHNCONTAINER, AUSZIEHBAR CARAVANS, MOBILE HOMES, MOBILE HOMES, EXTENDABLE (MACHINE TRANSLATION)

Abstract: Source: DE202011102014U1 Wohnwagen, Wohnmobil, Wohncontainer, Aufenthaltszwecken dienend, bestehend aus einem Zentralmodul (1) mit zwei Seitenfläachen (15), einer Dachfläache (29) und einer Bodenfläache (17), welche ueber Fuehrungsschienen (5) fest verbunden ist mit einem Chassis, dadurch gekennzeichnet, dass ein Seitenmodul (2), bestehend jeweils aus einer rechten (10) und linken (10) und zwei mittleren Gleitschienen (6), welche mit dem abschliessenden Tragelement des Seitenmoduls (18) fest verankert sind und in den unter dem Fussboden des Zentralmoduls liegenden Fuehrungsschienen (5) gleiten, wobei die Seitenfläachen des Seitenmoduls (15) mit den aeusseren Gleitschienen (10) und dem abschliessenden Tragelement des Seitenmoduls fest verankert sind und, verbunden mit der Dachfläache des Seitenmoduls (28) eine Huelle bilden, die sich ueber das Zentralmodul (1) aus- und einsch7), welcher in zwei faltbaren Teilstuecken ausgefuehrt ist, im ausgeschobenen Zustand (3) auf den aeusseren und inneren Gleitschienen aufliegt und mit dem Fussboden des Zentralmoduls eine durchgehend plane...

Machine translation: Caravans, mobile homes, mobile homes, recreation serving the purposes, consisting of a central module (1) with two Seitenfläachen (15), a Dachfläache (29) and a floor area (17), which over Fuehrungsschienen (5) is fixedly connected with a chassis, wherein one side module (2), each consisting of a right (10) and left (10) and two middle rails (6), which are the final structural element of the page module (18) is firmly anchored in the under the floor of the central module lying Fuehrungsschienen (5) slide, with the Seitenfläachen the page module (15) with the outer rails (10) and the final structural element of the page module are firmly anchored and connected to the Dachfläache the page module (28) form a sheath which is about the central module (1) from and einsch7), which is executed in two foldable have a subset, in the pushed-out condition (3) on the outer and inner rails resting and with the floor of the central module, a continuous plane...

Probable Assignee: BRUECKNER WOLFRAM

Earliest Publication Date: 20111103



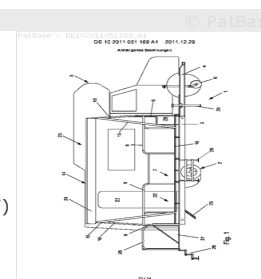
58) Family number: 50263382 (DE102011051169A1)

TRANSPORT TRAILER FOR **VEHICLE**, PARTICULARLY FOR PASSENGER **VEHICLE** OR WATER **VEHICLE**, HAS PIVOTING, DRIVABLE LOADING AREA PLACED AT CHASSIS WITH UNDER FLOOR CHASSIS, WHERE LOADING AREA IS PIVOTED RELATIVE TO TOWING BAR AROUND TRANSVERSE AXIS

Abstract: The transport trailer (1) has a pivoting, drivable loading area (7) placed at a chassis (3) with an under floor chassis, where the loading area is pivoted relative to a towing bar (4) around a transverse axis, particularly **vehicle** axle of the transport trailer. A lining tube (8) is mounted at each corner of the loading area. A platform (27) mounted at the assigned lining tube is arranged at the rear side in a pivoting manner for transportation.

Probable Assignee: WALTER LIMBACH GMBH

Earliest Publication Date: 20111229



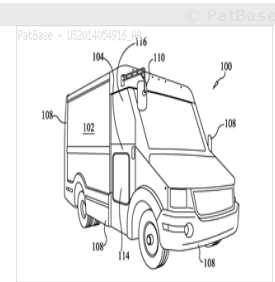
59) Family number: 51905087 (US2014054916A)

COMPOSITE COMMERCIAL WALK-IN VAN BODY

Abstract: Source: US2014054916A A composite commercial walk-in van body is constructed via lightweight, composite structures. A composite floor structure having integral logistic tracks are joined to composite sidewalls that include integral rub rails that also integrally formed logistic tracks on an interior thereof. Pigment molded lower body panels that extend beyond the sidewalls are fully replaceable to enhance durability and maintenance of the walk-in van body. A one-piece molded roof eliminates leaks. Any necessary rivets are captured so as to prevent any wet-to-dry surface penetration. An easily accessible washer fluid and brake fluid reservoir aid in the maintenance and operability of the walk-in van body. Such elements contribute to substantial weight reduction, and increase in durability, functionality, and fuel economy of walk-in vans utilizing such a composite body.

Probable Assignee: SPARTAN MOTORS INC

Earliest Publication Date: 20120913



60) Family number: 52211718 (ES2389422A)

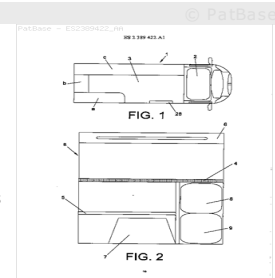
UNIDAD MOVIL PARA LIMPIEZA, REPARACION E HIGIENIZACION DE PROTESIS DENTALES. MOBILE UNIT FOR CLEANING, REPAIR AND SANITATION OF DENTAL PROSTHESIS. (MACHINE TRANSLATION)

Abstract: Source: ES2389422A Unidad movil para limpieza, reparacion e higienizacion de protesis dentales, consistente en un vehiculo con un habitaculo (3) en cuyo interior comprende: meseta (4) corrida; pila de lavabo (16); unidades de ultrasonido (18); sopladores de aire comprimido; y maquina de limpieza e higienizacion (17) a base de vapor, agua a presion y aire; contando para funcionar con deposito de aguas limpias (8) y de aguas sucias (9); compresor de aire (22); maquina de vapor (19); una bomba de agua (20); maquina ventiladora aire (21); y una caja (10) para cuadro electrico con acceso exterior. Ademas dispone de luminarias (6), extraccion de aire, estanterias (5) y cajones (27), y puertas abatibles (12) que protegen y ocultan los aparatos debajo de la meseta (4). El deposito de aguas limpias (8) y el de aguas sucias (9) tienen toma de llenado (23) y de vaciado (25) con tapon externo al habitaculo (3).

Machine translation: Mobile unit for cleaning and sanitizing repair dentures, consisting of a **vehicle** having a carrier (3) inside which comprises: plateau (4) run, a sink (16) ultrasound units (18); compressed air blowers, and cleaning and sanitizing machine (17) made from steam, water and air pressure, counting to work with Water Tank (8) and sewage (9) air compressor (22), steam engine (19), a pump (20) air ventilator machine (21) and a box (10) for distribution panel with outside access. Also has lights (6), air extraction, shelves (5) and drawers (27), and folding doors (12) to protect and hide the devices below the plateau (4). The clean water tank (8) and sewage (9) are making filling (23) and drain (25) with external cap space (3).

Probable Assignee: GONZALEZ LOPEZ IVAN

Earliest Publication Date: 20121026



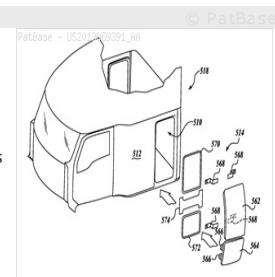
61) Family number: 53272714 (US2013069391A)

ACCESS TO TRUCK SLEEPER FOR TRIM OPERATIONS

Abstract: Source: US2013069391A Assemblies for selectively providing access to an interior portion of a **vehicle** having a sidewall are provided. Methods of manufacturing a **vehicle** that incorporates the assemblies are also provided. The assemblies utilize an access opening formed in a portion of a sidewall of the **vehicle** to facilitate trimming the interior of the **vehicle**. Upon completion of trimming the interior of the **vehicle**, the access opening is closed out (i.e., covered) with an assembly that may be a door, a fixed panel, or combinations thereof.

Probable Assignee: PACCAR INC

Earliest Publication Date: 20130320



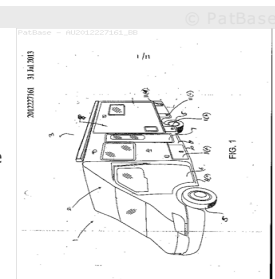
62) Family number: 53523443 (AU2012227161A)

A **VEHICLE** WITH AN UNDERFLOOR STORAGE RECEPTACLE

Abstract: Source: AU2012227161A A **vehicle** comprising, a chassis, a body supported by the chassis, the body having an internal space with a floor and opposing side walls, a side skirt panel (32) extending at least partially along one or both sides of the body and below a respective side wall, wherein the side skirt panel has at least one storage receptacle (44) integrally formed therein and at least part of the or each storage unit is located beneath the floor. Figure 2 I -

Probable Assignee: PARADISE MOTOR HOMES PTY LTD

Earliest Publication Date: 20130418



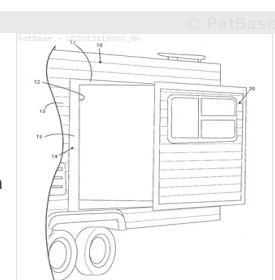
63) Family number: 53725792 (US2013119700A)

SLIDE OUT DRIVE ASSEMBLY FOR ENCLOSURE

Abstract: Source: US2013119700A A drive assembly for a slide out in an expandable enclosure, the drive assembly comprising a beam attachable to the slide out, the beam having a first row of teeth and a second row of teeth thereon, the first row of teeth and the second row of teeth extending parallel to each other on opposite sides of the beam wherein the teeth in the first row of teeth are offset relative to the teeth in the second row of teeth and a drive gear having a first gear wheel engagable with the first row of teeth and a second gear wheel engagable with the second row of teeth, and an actuator coupled to the beam to selectively extend and retract the beam.

Probable Assignee: NORCO IND INC

Earliest Publication Date: 20130516



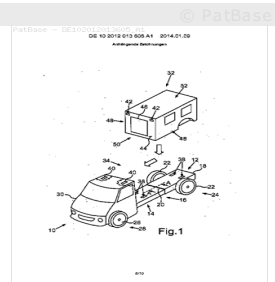
64) Family number: 55621512 (DE102012013605A1)

KRAFTWAGEN MIT TRAGRAHMEN UND AUFBAU COMMERCIAL MOTOR VEHICLE I.E. TRANSPORTER, HAS PLATFORM STRUCTURE CONNECTED WITH CARRIER ELEMENTS OF SUPPORT FRAME, WHERE STRUCTURE RIGIDITY OF SUPPORT FRAME IS REINFORCED BY STRUCTURE TO ACHIEVE DRIVING FITNESS OF VEHICLE

Abstract: Source: DE102012013605A1 Die Erfindung betrifft einen Kraftwagen, mit einem Tragrahmen (12), welcher eine Mehrzahl von Traegererelementen (14, 16) umfasst, und mit einem Aufbau (32), welcher mit den Traegererelementen (14, 16) des Tragrahmens (12) verbunden ist, wobei der Tragrahmen (12) zum Erreichen einer Fahrtauglichkeit des Kraftwagens (10) bewirkenden Struktursteifigkeit durch den Aufbau (32) ausgesteift ist. The vehicle (10) has an aluminum support frame (12), which comprises a set of longitudinal carrier elements (14, 16) i.e. longitudinal beams. A self-supporting platform structure (32) is connected with the carrier elements of the support frame, so that structure rigidity of the support frame is reinforced by the structure to achieve driving fitness of the vehicle. Two longitudinal support parts are telescopically mounted in the carrier elements for length adjustment and movable relative to each other. Wheels (22, 26) are coupled to a length adjustment drivable shaft i.e. propeller shaft.

Probable Assignee: DAIMLER AG

Earliest Publication Date: 20140109



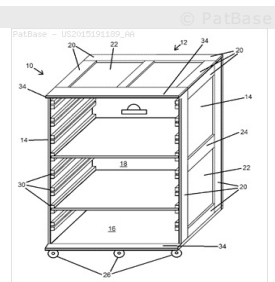
65) Family number: 58803330 (US2015191189A)

MOVING CONTAINER SYSTEM AND METHOD

Abstract: Source: US2015191189A One or more containers having wheels on the bottom and a secure, but removable door may be used to pack items at a location. The containers may include one or more shelves and may have a rod for hanging clothes. The containers may also have handles that allow an operator to easily manipulate the container and loaded and unloaded from a truck or other vehicle. The containers may be padded on the inside and/or outside. The door may be secured to the container by means of clamps that are relatively difficult to remove in order to prevent accidental removal or theft of an object.

Probable Assignee: CARGO CUBE SYSTEMS LLC

Earliest Publication Date: 20150326



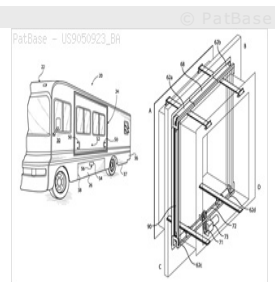
66) Family number: 59436697 (US9050923B)

SLIDABLE ROOM ASSEMBLY

Abstract: Source: US9050923B A slidable room assembly comprising a vehicle body having an opening formed in an exterior wall and a reciprocable slideout unit or compartment disposed in the opening and slidable between a retracted position and an extended position. Sliding movement of the slideout unit is controlled by means of a drive mechanism that includes rack gear assemblies driven from a drive shaft as described herein. Sliding movement of the slideout unit 24 may be either motor driven or manually powered.

Probable Assignee: NORCO IND INC

Earliest Publication Date: 20150609



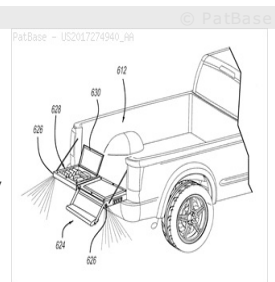
67) Family number: 61748029 (US2017274940A)

MODULAR TAILGATE

Abstract: Source: US2017274940A A modular gate combined with multiple functions which can be easily employed with existing tailgates without any hardware or mounting modifications to existing truck beds. There is provided a modular tailgate system having a tailgate portion in combination with a plurality of functions. The modular tailgate system integrates any combinations of at least two of the plurality of features without affecting existing body sides and/or existing truck beds. Integrated features include a multi-functional gate (e.g., swing, drop, etc), storage (e.g., normal, sealed, refrigerated, heated, etc), step(s), lighting (e.g., ingress/egress, bed interior, removable, trailer hitch, parking, etc), bed extension(s), power (e.g., 12v and/or 110v), tie downs (e.g., ratchets, anchors, etc), sawhorse, magnet(s), table(s), bench(es), seat(s), net(s), any other predetermined desired function, etc., and combinations thereof.

Probable Assignee: MAGNA EXTERIORS INC

Earliest Publication Date: 20160225

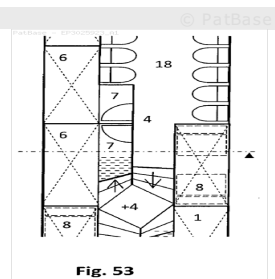


68) Family number: 61909138 (EP3025923A1)

PLATZOEKONOMISCHER SCHLAFWAGEN MIT MISCHUNG VON ABTEILEN, LIEGEKABINEN UND SITZPLAETZEN SPACE-SAVING SLEEPING CAR WITH MIXTURE OF COMPARTMENTS, BED CABINS AND SITTING CABINS

Abstract: Source: EP3025923A1 Abteilanordnung mit einer Kombination vorzugsweise von kabinenfoermigen Abteilen ohne Stehhoehe (1, 8) ggf. mit Umbaumoeglichkeit zu einem Sitzplatzpaar (8), Abteilen mit eigenem, als Steh- und Umkleidebereich nutzbarem Abteilflur (7) neben den Betten (6) und den Abteilen nicht fest zugeordneten Sitzplaetzen (18), sowie zugehoerige Auspraegungen und Details, insbesondere bei doppelstoeckigen Waggonen mit variierender Hoehe (+4) des Fussbodens im laengs verlaufenden Korridor (4) und abzweigenden Treppenstufen zu einer anderen Etage sowie bei Abteilfluren (7), die sich nicht ueber die volle Laenge des Bettes erstrecken. Compartment arrangement with a combination preferably kabinenfoermigen compartments without standing height (1, 8) optionally with conversion possibility to a seat pair (8), compartments with private, usable as floor and dressing area compartment corridor (7) next to the beds (6) and the compartments not dedicated Sitzplaetzen (18), and related forms and details, particularly in doppelstoeckigen cars of varying height (4) of the floor in laengs verlaufenden corridor (4) and branching stairs to another floor and in compartment corridors (7), which do not extend over the full length of the bed.

Probable Assignee: FALKENHAGEN JOACHIM



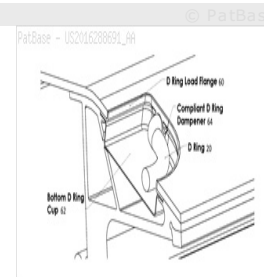
Earliest Publication Date: 20160324
69) Family number: 63710590 (US2016288691A)

LOAD BEARING TONNEAU STRUCTURE

Abstract: Source: US2016288691A A system and method for providing a folding load bearing hard tonneau cover which includes a hinge/connection element using a novel friction stir welding method to weatherproof the bed contents, wherein each folding section is constructed using friction stir welds for strength, stiffness and visual appeal, wherein the system does not rely on attached bed rails to support and lock the cover because loads are reacted on the bed caps, wherein a spring loaded latching system has the strength to react the moments generated by heavy loads on top of the cover, wherein installation does not require modification to the bed, and wherein the tonneau cover may carry heavy loads on top that are easy to secure, while still allowing a cover that folds open.

Probable Assignee: SESSIONS PATRICK RICHARD

Earliest Publication Date: 20161006



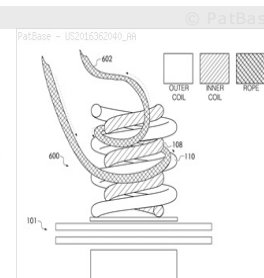
70) Family number: 64368480 (US2016362040A)

CONCENTRIC COUNTER-COIL TIE DOWN SYSTEM FOR QUICKLY SECURING OBJECTS

Abstract: Source: US2016362040A Systems, devices and methods for securing items with respect to a fixed location using an elongate cord-member include a mounting assembly, a first cylindrical coil having a first radius from a central axis, a second cylindrical coil having a second radius from the central axis and oriented coaxially at least partially around the first cylindrical coil, and the first and second cylindrical coils are each coupled to a surface of the mounting assembly.

Probable Assignee: BURTON DAVID O

Earliest Publication Date: 20161215



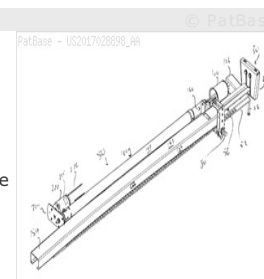
71) Family number: 64814509 (US2017028898A)

ARCULATE SLIDE OUT DRIVE ASSEMBLY FOR ENCLOSURE

Abstract: Source: US2017028898A A drive assembly for a slide out in an expandable enclosure, the drive assembly comprising a beam attached to a beam guide in an arcuate support rail attachable to the slide out, the beam having a first row of teeth and a second row of teeth thereon, the first row of teeth and the second row of teeth extending, parallel to each other on opposite sides of the beam wherein the teeth in the first row of teeth are offset relative to the teeth in the second row of teeth and a drive gear having a first gear Wheel engageable with the first row of teeth and a second gear wheel engageable with the second row of teeth, and an actuator coupled to the beam to selectively extend and retract the beam. The beam can deflect with respect to the arcuate support rail based on its location and the location of the beam guide to aid in leveling of the slide out.

Probable Assignee: NORCO IND INC

Earliest Publication Date: 20170202



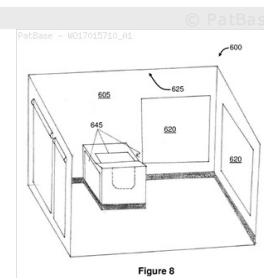
72) Family number: 64824163 (WO17015710A1)

CAMPING SYSTEM AND PIVOT JOINT THEREFOR

Abstract: Camping systems for motorcycles and watercraft and a pivot joint, which may be used with the camping systems, are provided. The camping system for motorcycles includes a case, for coupling to a motorcycle; and a tent, coupled to the case. The tent is configured to be transported inside the case, and be erected while coupled to the case. The camping system enables riders of motorcycles to have more freedom in relation to where they stop and stay during road trips, and provides comfort away from home, which is both convenient and budget friendly.

Probable Assignee: SWEETMAN JORDON THOMAS JAMES MR

Earliest Publication Date: 20170202



73) Family number: 67505320 (CO16116472A)

DISPOSITIVO DE ADAPTACION DE VEHICULOS DE PASAJEROS A VEHICULOS DE CARGA THE ADAPTING DEVICE OF PASSENGER **VEHICLES** TO CARGO **VEHICLES** (MACHINE TRANSLATION)

Probable Assignee: GRUPO PRODIGIO SAS

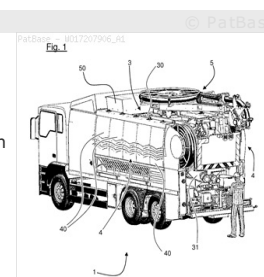
Earliest Publication Date: 20171110

74) Family number: 67677691 (WO17207906A1)

JETTING TRUCK COMPRISING PLASTIC WATER RESERVOIRS AND A STORAGE TANK MOUNTED TO PIVOT INDEPENDENTLY OF SAID RESERVOIRS

Abstract: The invention relates to a jetting truck (1) of the type comprising: - a load-bearing chassis (2); - a storage tank (3) having a main body (30) along a longitudinal axis and provided, at one of its longitudinal ends, with a base that can open (31), said storage tank being mounted such that it can pivot relative to the chassis; - water reservoirs (4) which are arranged laterally on either side of the tank and are designed to supply high pressure jetting means, said storage tank being mounted so as to pivot independently of these reservoirs; and - aspiration means (5), for effluents resulting from jetting, connected to said storage tank, characterised in that the reservoirs comprise plastic or composite walls and extend to the upper portion of the storage tank, and in that reinforcement and support means (41) are provided which connect said reservoirs to the chassis.

Probable Assignee: HYDROVIDE



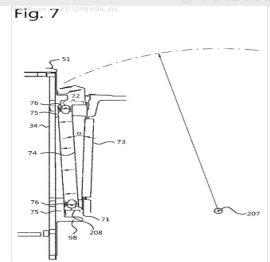
Earliest Publication Date: 20171201
75) Family number: 67736301 (EP3251894A1)

PASSAGEWAY FOR A PERSON TRANSPORT **VEHICLE** VERBETERDE RUIMTE-VERBINDENDE INRICHTING VOOR PASSAGIERSTRANSPORTMIDDEL

Abstract: Source: EP3251894A1 The present invention relates to a space-connecting device for a passenger transport means comprising a driver's **compartment** and a passenger's **compartment**, in which said space-connecting device is adapted for connecting a first opening of said driver's **compartment** to a second opening of said passenger's **compartment**, in which said driver's **compartment** and said passenger's **compartment** are attached to one and the same chassis of said passenger transport means, in which said driver's **compartment** is arranged tilting and is of the type of cab-over-engine, in which said space-connecting device comprises an adapter window.

Probable Assignee: MERCURY TRADING BVBA

Earliest Publication Date: 20171206



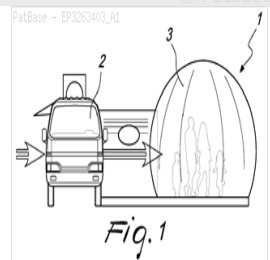
76) Family number: 68080253 (EP3263403A1)

INTEGRIERTES SYSTEM ZUR ERHOEHUNG DES WOHNRAUMS VON WOHNMOBIL- UND ALLGEMEINEN KRAFTFAHRZEUGEN INTEGRATED SYSTEM FOR INCREASING THE LIVING CAPACITY OF RECREATIONAL AND GENERAL MOTOR **VEHICLES**

Abstract: Source: EP3263403A1 An integrated system (1) for increasing the living capacity of recreational and general motor **vehicles** (2), which comprises an inflatable chamber (3), made of polymeric material, which is provided with means of **sealed** anchoring to at least one respective portion (4) of a **vehicle** (2). At least one forced ventilation turbine is coupled to the chamber (3) for the corresponding inflation and maintenance in the configuration of maximum space occupation.

Probable Assignee: ANGELI OMAR

Earliest Publication Date: 20180103



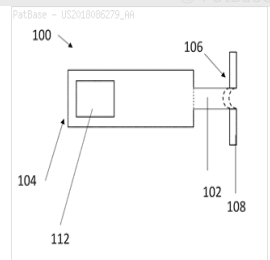
77) Family number: 69019260 (US2018086279A)

MODULAR MOTOR **VEHICLE** INTEGRATED CARRIER RACK AND STORAGE SYSTEM WITH UNIVERSAL CONNECTIONS

Abstract: Source: US2018086279A Systems, devices, and methods, of securing and transporting cargo and items using a **vehicle** including **modular** carrier racks and various engagement components and features.

Probable Assignee: ANTON MARK A

Earliest Publication Date: 20180329



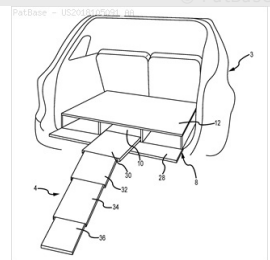
78) Family number: 69332539 (US2018105091A)

VEHICLE ACCESS RAMP

Abstract: Source: US2018105091A A **vehicle** access ramp system is provided. In various embodiments, methods, devices and systems are provided to facilitate the ingress and egress of various objects and beings to and from a **vehicle**. In some embodiments, a ramp system is provided that is arranged to integrate with an existing **compartment** of a **vehicle** and which maintains the utility of the existing **compartment**.

Probable Assignee: STEVENS ERROL KEITH

Earliest Publication Date: 20180419



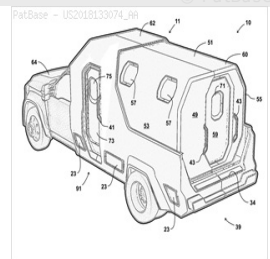
79) Family number: 69736774 (US2018133074A)

MOBILE HYPERBARIC UNIT

Abstract: Source: US2018133074A The present invention is a mobile hyperbaric unit including a **vehicle** having a **vehicle** chassis with a front cabin and a rear bed. A partition can extend upwardly from the rear bed at a position next to the cabin. A pod can be removably attachable to the **vehicle** chassis, the pod having top wall, left and right side walls, a front wall, a rear wall, and a bottom wall that is sized and shaped to occupy and rest upon the rear bed. A detachable connection can enable attachment or detachment of the pod from the **vehicle** chassis, the connection can be connected to the pod at the bottom wall. The partition can have a portion that extends at least partially over the pod top wall. A pod chassis enables the pod to be transported independently of the **vehicle** chassis, the pod chassis can have a lift that enables elevation of the pod between lower and upper positions. A control station that has ambient pressure can be located in between the partition and the pod. A desired pressure that is not ambient pressure can be maintained within said pod interior by means on the **vehicle**.

Probable Assignee: DELISE BOBBY

Earliest Publication Date: 20180517



80) Family number: 71113959 (CA2959864A)

MODULAR VEHICLE

Earliest Publication Date: 20180902

TRACTOR VEHICLE WITH HYDROSTATIC DRIVE MEANS

Earliest Publication Date: 19720118