

Search history

Search 1: SFT=(container and mounting and plate) and IC=(b60r) (Results 2593)

Search 2: SFT=(container and mounting and plate) and IC=(f16m) (Results 733)

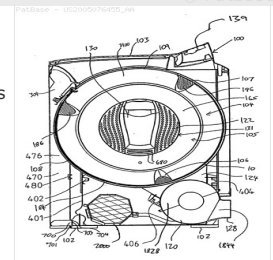
1) Family number: 29426742 (US2005076455A)

LAUNDRY APPLIANCE

Abstract: Source: US2005076455A A laundry machine includes a cabinet and a laundry holding drum rotatably supported within the cabinet. The drum includes a wall and a drum hatch comprising a section of the wall. A motor is connected to drive rotation of the drum. A controller is operatively connected with the motor. The controller is configured to operate the motor to drive the drum through a closing operation. The closing operation includes rotating the drum in a direction to bring the drum opening toward the drum hatch to re-close the opening with the drum hatch and to detect stopping of the drum rotation. The controller may provide user feedback that a closure disruption has occurred. The drum hatch is configured to close circumferentially, with a leading edge of the drum hatch approaching a leading edge of the remaining wall. The leading edges are shaped such that interposition of fabric between the leading edges during closure stops the drum hatch reaching a fully closed position.

Probable Assignee: FISHER AND PAYKEL APPLIANCES LTD

Earliest Publication Date: 20031023



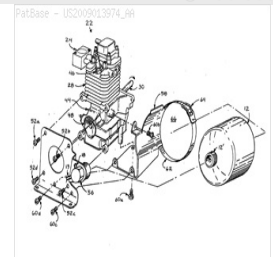
2) Family number: 42110012 (US2009013974A)

PORTABLE GAS POWERED INTERNAL COMBUSTION ENGINE ARRANGEMENT

Abstract: Source: US2009013974A A gas powered internal combustion engine in which the gas is provided from pressurized liquid gas in an LPG container and in which the LPG container is rigidly mounted adjacent to the internal combustion engine at a preselected angle to be in conductive heat transfer relationship to the internal combustion engine and in vibration receiving relationship to the internal combustion engine whereby the liquified gas in the LPG container is heated and the effective surface area thereof is increased.

Probable Assignee: LEHR IP LLC

Earliest Publication Date: 20080821



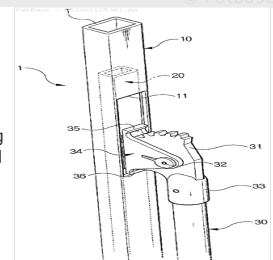
3) Family number: 28301984 (US2002125381A)

AUTOMATICALLY COLLAPSIBLE PROP

Abstract: Source: US2002125381A An automatically collapsible prop for propping all kinds of loads such as golf bag, knapsack, coolie rack, etc., comprises a first tubular member having an upper end and an open lower end, a second tubular member relatively moveably inserted in the first tubular member so as to slide down by gravity relative to it to protrude from the open lower end of the first tubular member by a predetermined length when lifting the first member in a sloping or vertical position, and a third member rotationally mounted on a fixed shaft attached to the second tubular member so as to pivot relative to the first and second members about the fixed shaft. A first engaging groove is formed in the surface of the first member in the longitudinal direction to allow the second member with the third member to slide relative to the first member. A rack-gear mechanism is provided to automatically pivot the third member on the fixed shaft by a predetermined propping angle when the part of the second member protruding from the open lower end of the first member is pressed against the ground, and pushed completely into the open lower end of the first member, thereby fixing the third member on the ground in a triangular shape with the first member.

Probable Assignee: Q BOAK SPORTS INC

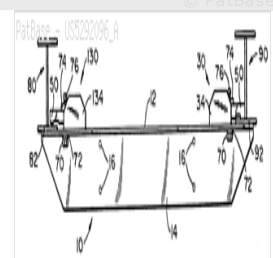
Earliest Publication Date: 20010713



4) Family number: 8479622 (US5292096A)

APPARATUS FOR REMOVABLY MOUNTING A GENERATOR UNIT TO A PAIR OF PARALLEL SPACED APART FLANGED BEAMS

Abstract: Source: US5292096A An apparatus for removably mounting a device such as a generator unit to a pair of parallel spaced apart I-beams includes a cross member having a pair of slots at opposite ends and a pair of clamp plates removably bolted to the cross member through respective slots. A separate upstanding sliding guide is mounted between each clamp plate and the cross member. Each clamp plate is a substantially rectangular member with an oblong cutout and at least one notch. Each upstanding sliding guide is a substantially L-shaped bracket having a downward extending fixing pin, an oblong cutout, and a raised tooth therebetween. The slots each include two or more circular pin receiving openings having diameters somewhat larger than the width of the slot. Each upstanding sliding guide is positionable relative to a respective slot in two or more fixed positions defined by the circular pin receiving openings in the slot which receive the downward extending fixing pin of the sliding guide. Each clamp plate is positionable relative to a respective sliding guide in two or more fixed positions at least one of which is defined by the notch on the clamp plate engaging the raised tooth of the sliding guide. A bolt is secured through the oblong cutouts of each respective clamp plate and sliding guide and through a respective slot in the cross member.



Probable Assignee: BA BODENHEIMER AND CO INC

Earliest Publication Date: 19940308

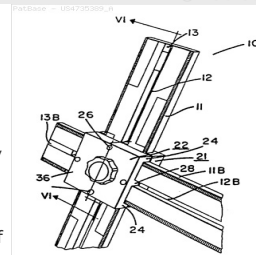
5) Family number: 10193991 (US4735389A)

PORTABLE CAMERA AND INSTRUMENT SUPPORT AND POSITIONING SYSTEM

Abstract: Source: US4735389A A modular support system is provided herein. It includes one, but preferably at least two, elongated bars, each having a longitudinally extending slot traversing substantially the entire length thereof except at the ends thereof. A clamping member is provided for engagement with the elongated bar and preferably for use when at least two elongated bars are used, for clamping two such elongated bars together at any desired angle, e.g. at 180 DEG to each other. The clamping member comprises a pair of complementary, essentially U-shaped members, with the space between the arms of the "U" being substantially the same as the width of the elongated bar, a central longitudinal ridge between the arms of the "U", adapted to enter the slot in the elongated bar, and preferably also a pair of pins mounted, preferably removably, on at least one ridge and adapted to enter cooperating aperture e.g. in the flat base of the "U", and means for providing secure, e.g., threaded, engagement of the two U-shaped members through the ridges thereof. An annular member, which is provided with at least one longitudinally extending slot in an arm thereof, is used for detachable securement at any desired location to an elongated bar. This provides a useful, simple, versatile, support system for a camera, for lights or for other equipment.

Probable Assignee: GRAHAM P F

Earliest Publication Date: 19870106



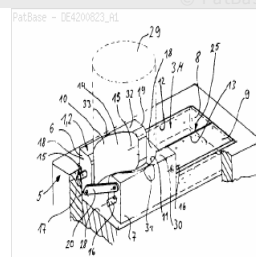
6) Family number: 10679815 (DE4200823A1)

DRINK CONTAINER HOLDER WITH RETAINING APERTURE - HAS SEVERAL HOLDING ELEMENTS SWIVELABLE INTO OPEN AND CLOSED POSITION

Abstract: Source: DE4200823A1 The holder has an opening for retaining drink cans, cups, or glasses. The holder (1,3) has several holder elements (6,7) which can be set in an open or a closed position (2,4). The holder elements provide recesses (10-13) facing each other for the can etc. retaining in the open position (2) and form a support surface (25) in the closed position (4). The recesses face each other and form a circular or a polygonal opening (14). The face (30) of the holder element (7) has a recess (31) and the opposite holder element (6) has a rough surface (33). USE/ADVANTAGE - For fitting to a car dashboard, with versatile applicability.

Probable Assignee: BMW AG

Earliest Publication Date: 19930722



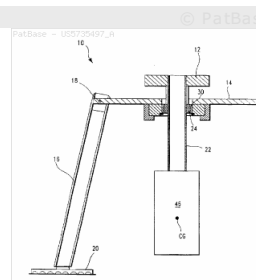
7) Family number: 10736420 (US5735497A)

SELF-LEVELING MOUNT OR PLATFORM FOR A RAPID DEPLOYMENT SYSTEM

Abstract: Source: US5735497A A self-leveling mount or platform, particularly for optical and surveillance equipment in rapid deployment systems which can be set up quickly and easily. The mount preferably employs a normally-on brake which is released by actuation of a solenoid. An assembly of equipment, which includes the self-leveling mount or platform, is mounted by a support tube on a spherical bearing, with the center of gravity of the assembly being positioned a given distance below the center of the spherical bearing. When the brake is momentarily released, gravity forces the center of gravity of the assembly to assume the lowest possible position relative to the center of the spherical bearing, which aligns the attached mount or platform horizontally. This self-leveling feature can be activated locally or remotely, and prevents image tilt when optical surveillance instruments are mounted on the platform, and are used to pan (rotate) about the platform's vertical axis. In military applications, the present invention offers the potential for self-deployment, and the ability to rapidly place surveillance equipment so that personnel can effectively "set and forget" field-based equipment. The instrument mounting platform is supported vertically above the spherical bearing by the mounting arm, such that the platform is supported in an elevated position to allow surveillance instruments mounted thereon to have an elevated unobstructed view of the surrounding terrain.

Probable Assignee: NORTHROP GRUMMAN SYSTEMS CORP

Earliest Publication Date: 19980407



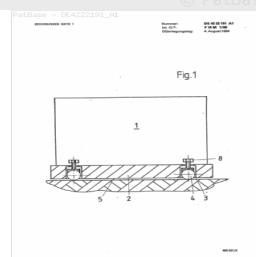
8) Family number: 11164301 (DE4222191A1)

CARRIER PLATE FOR MACHINE

Abstract: Source: DE4222191A1 The carrier plate for at least one machine unit has a plate (2) with at least two recesses (3) set a distance apart and cut from the underside of the plate. Each recess has a roller element (4) mounted in it, which can be lowered below the level of the plate. The plate is stiffened via a skeleton structure with recesses formed between struts. The recesses have threaded holes cut through to upper side of the plate, in which an adjusting bolt is located for raising/lowering the spherical rollers.

Probable Assignee: CIPHA ANSTALT

Earliest Publication Date: 19940804



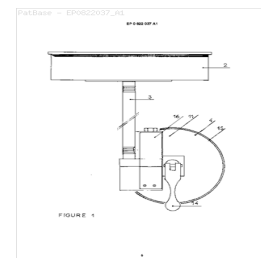
9) Family number: 11186112 (EP0822037A1)

DEVICE TO ASSIST IN MANUAL WORK

Abstract: The tool and component tray is connected by a flexible tubing (3) to a support fixing. The flexible tubing is composed of a lightly coiled metal spring surrounded by a metal section (9). The surrounding metal section has a triangular transverse section whose corners are inserted in the gaps between the spring coils and clamped by them. The flexible tube retains the deformation which it is given manually and is fixed at one end to a rigid tapped ferrule (8) which screws into a complementary thread on the tray. At the other tube end is another rigid ferrule (10) with a threaded tenon (12) which engages complementary threads (16,22,23) on the support fixing.

Probable Assignee: BURILL ALAIN O

Earliest Publication Date: 19980204



10) Family number: 11231503 (AU199948838A)

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ENGINE RACK

Abstract: Source: AU199948838A An engine rack (10) including a base frame (11) of substantially square or rectangular configuration, and collapsible supporting means (19) for supporting an engine above the base frame The supporting means (19) is collapsible from an erected condition to a collapsed condition and in the collapsed condition, the thickness of the rack (10) is not greater, or at least not significantly greater, than the maximum thickness of the base frame (11). ss0 S**0 S S fss f ft C:\WINWORD\SHARON\ANDREW\PCTCOMP\552132.DOC

Probable Assignee: J N S INVESTMENT SERVICES PTY

Earliest Publication Date: 20000330

11) Family number: 11313236 (US5251777A)

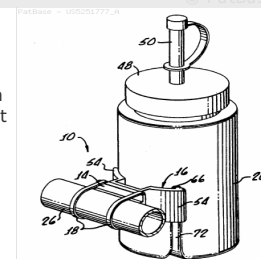
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WATER BOTTLE AND MOUNTING BRACKET

Abstract: Source: US5251777A Bottle and bracket apparatus in accordance with the present invention includes a mounting plate and a device for fixing the mounting plate to a rail. A bracket is provided for supporting a bottle with the bracket being mounted to the mounting plate in a manner enabling rotation and selective fixing of the bracket at various angular positions. A bottle is provided for both preventing selection of the various angular positions when the bottle is supported by said bracket and for containing a liquid.

Probable Assignee: TECHNICAL KNOCKOUT INC

Earliest Publication Date: 19931012



12) Family number: 11410854 (AU199961775A)

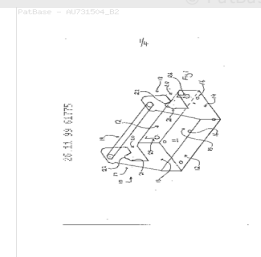
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A HANGABLE CADDY

Abstract: Source: AU199961775A A hangable caddy which has a bottom wall, at least one side wall, and an upper hanging arrangement which allows the caddy to be hung from a thin horizontal line member and a thicker rod member, the arrangement having a first larger inverted curved support surface which allows the caddy to be hung from the thicker rod member, and a second smaller inverted curved support surface which extends from an upper part of the first surface and which allows the caddy to be hung from the thin line member. sse

Probable Assignee: GIUFRE FRANK CHARLES

Earliest Publication Date: 19990902



13) Family number: 11522753 (US5890687A)

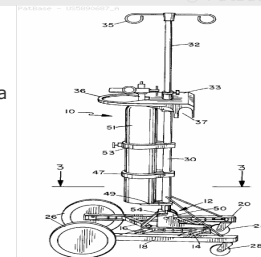
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FOLDABLE WHEELED STAND

Abstract: Source: US5890687A The stand incorporates two pairs of wheels and a support pole carried from a central pivot member. The stand is collapsible from an upright orientation in which all wheels are floor-engaging to a folded orientation in which the wheels lie closely alongside the support pole. The wheels are carried on wheel support elements which in turn are connected to a central pivot member. Folding and collapsing actions are synchronized by control arms that extend between the support pole and wheel support elements.

Probable Assignee: PRYOR PRODUCTS

Earliest Publication Date: 19990406



14) Family number: 1153244 (US3894705A)

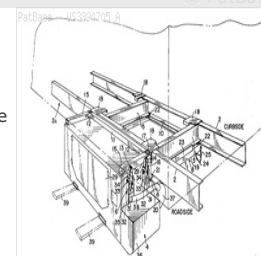
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REMOVABLE MOUNTING BRACKET FOR ATTACHING EQUIPMENT TO A CONTAINER CHASSIS

Abstract: Source: US3894705A A removable mounting bracket for attaching a diesel powered generator set to a cargo container chassis wherein a mounting bracket assembly in the form of a framework which has removable overhead hooks and frame restraint plates cradling the container chassis rails with longitudinal restraint taken at the chassis crossmember, the generator set being attached to two outrigger overhead crossmembers of the mounting bracket assembly by means of four releasable clamp assemblies.

Probable Assignee: TRAILMOBILE INC

Earliest Publication Date: 19750715



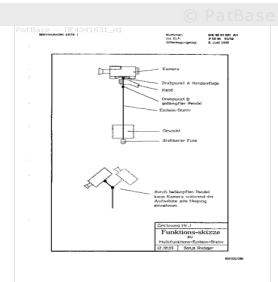
15) Family number: 11560089 (DE4341631A1)

MULTIFUNCTIONAL ONE LEGGED CAMERA STAND

Abstract: Source: DE4341631A1 The stand has a vertically swivel-mounted head with a leg coming down from it. The leg is made up of telescopic tubes which are lockable. The thinnest tube is fixed to the swivel-mounted head. The thickest tube ends in a hemispherical foot which rotates horizontally on a grooved bearing. The foot is made of highly elastic material for good ground holding. The lowest tube has a mounting for a counterweight. The swivel-mounted head ends in a hand grip, padded at the side and top. The padding at the top serves as a fastening to the camera. A shock absorber is mounted at the front of the stand between the top of the hand grip and the bottom of the vertical swivel joint.

Probable Assignee: RUEDIGER SONJA

Earliest Publication Date: 19950608



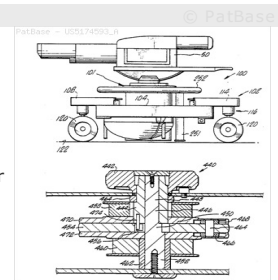
16) Family number: 11574827 (US5174593A)

CAMERA DOLLY

Abstract: Source: US5174593A A steering compensator has a shaft with a first shaft section offset from a central shaft section. A second shaft section of the shaft is offset from the first and central shaft sections. A first drive member is rotatably attached to the first shaft section and a second drive member is rotatably attached to the second shaft section. A central member is rotatably attached to the central shaft section between the first and second drive members. A pivotal link interconnects the first and second drive members through the central member to allow relative angular displacement between the first and second drive members. The steering compensator provides steering angle correction in conventional steering.

Probable Assignee: LEONARD STUDIO EQUIPMENT INC

Earliest Publication Date: 19920416



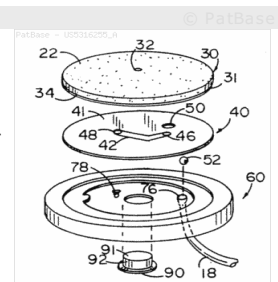
17) Family number: 11588090 (US5316255A)

VACUUM CONTAINER HOLDER

Abstract: Source: US5316255A A vacuum operated container holder includes a support having a valve actuated vacuum source coupled thereto for selectively applying a vacuum to a resilient horizontally extending container support member for holding a container in place thereon. In a preferred embodiment of the invention, the container holder valve is actuated by the placement of a container on the support platform and rotating the container to activate or deactivate the valve which couples the support platform to a vacuum source using a natural wrist motion.

Probable Assignee: PRINCE CORP

Earliest Publication Date: 19940531



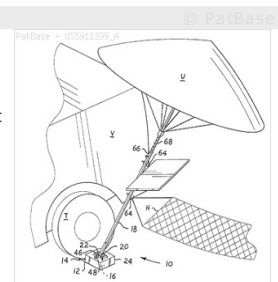
18) Family number: 11600775 (US5911399A)

VEHICLE ANCHORED SUPPORT

Abstract: Source: US5911399A A vehicle anchored support includes a base plate having an anchor portion configured for removable placement beneath a vehicle tire for securely anchoring the device, and an article support portion extending laterally outwardly from the anchor portion. The article support portion is preferably formed as a box-like structure for strength and durability, and provides for an article support column or the like extending therefrom. Preferably, the article support column is removably attached to the base portion by a socket or receptacle formed within the article support portion, for compact storage of the device. The column may be adjustably secured to the base portion of the device, as desired. The article support column may be relatively tall, for the support of an umbrella or other overhead article thereby, or may be configured to support a work station or the like. The anchor portion of the base plate may include non-skid traction enhancements on the upper and/or lower surfaces thereof, as desired. The present vehicle anchored support provides an extremely sturdy and stable support for any number of articles due to the weight of the vehicle and vehicle tire capturing the anchor portion between the tire and the underlying surface, and is useful in providing a work station for persons performing work or repairs in the field, and/or in providing support for various articles used by campers and the like, such as umbrellas, hammocks, tables and seats, etc., as desired.

Probable Assignee: MANNION ROBERT A

Earliest Publication Date: 19990615



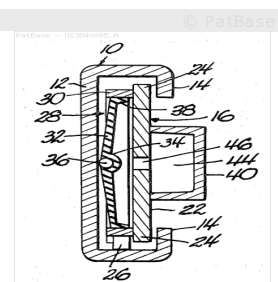
19) Family number: 1167518 (US3840095A)

FLUID-PRESSURIZABLE CLAMP FOR MOUNTING VIBRATORS AND THE LIKE

Abstract: Source: US3840095A A selectively releasable clamp and carrier structure is provided for mounting vibrators, for example, on a support or track associated with a form, container, etc. for material to be vibrated, settled etc. The purpose of the clamp is to enable quick release and relocking of the device in various positions relative to the support and, in this case, the clamp is selectively pressurized to clamp and depressurized to release and features novel cylinder and piston elements.

Probable Assignee: PHILIPS CORP

Earliest Publication Date: 19730408



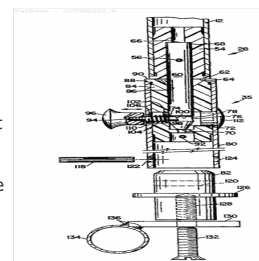
20) Family number: 11724061 (US5366191A)

SUPPORT APPARATUS FOR A PATIENT INFUSION DEVICE

Abstract: Source: US5366191A Apparatus for carrying a patient infusion device, such as an intravenous-fluid-containing bag or infusion pump. The apparatus includes an infusion device carrier that has a support connector from which a coupling rod extends. The support connector and coupling rod are releasably received in a support receptacle that is carried by a mobile stretcher, an infusion device support stand, a wheelchair, a bed, or a wall mount. The coupling rod includes a throughbore to receive a transversely slidable detent carried by the support receptacle, and alignment indicia are carried on each of the support connector and the support receptacle for properly aligning the two elements to permit them to be securely connected together. The releasable support connector permits the infusion device to be transferred from one mode of carrier to another, thereby eliminating the need for a separate person to guide an infusion device support stand to accompany a patient being transported.

Probable Assignee: ADVANCED TRANSPORT TECHNOLOGIES INC

Earliest Publication Date: 19941122



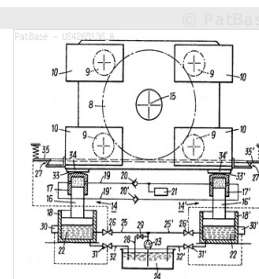
21) Family number: 1212066 (US4265136A)

TORQUE SUPPORT ARRANGEMENT

Abstract: Source: US4265136A In a torque support arrangement for a gear mounted so as to be movable about a pivot axis, wherein the gear is supported against the base on both sides of the pivot axis by an elastic supporting arrangement, the supporting arrangement includes a pressure-medium piston-cylinder to which pressure gas is admitted and whose position relative to the base is adjustable by means of an adjustment device.

Probable Assignee: VOEST ALPINE INDUSTRIEANLAGENBAU GES MBH

Earliest Publication Date: 19790615



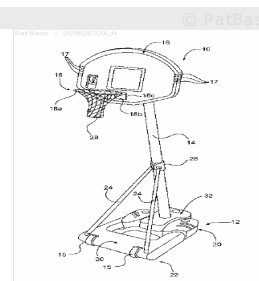
22) Family number: 12211801 (US5626339A)

STRUCTURAL FOAM BASKETBALL BACKBOARD WITH INMOLD GRAPHICS

Abstract: Source: US5626339A A basketball backboard formed of a structural foam material such as structural foam polypropylene. The backboard is provided with an inmolded graphics sheet formed of the same material as that used to form the backboard. The graphics sheet of material is formed with pores to receive the printing inks whereby a desired visual graphics display is provided on an exposed facing surface of the graphics sheet. The backboard is formed as a high strength rigid structure having good rebound characteristics.

Probable Assignee: RUSSELL CORP

Earliest Publication Date: 19970506



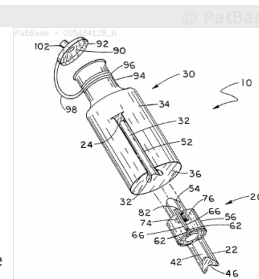
23) Family number: 12342204 (US5484128A)

BEVERAGE BOTTLE AND GOLF CART MOUNTING APPARATUS

Abstract: Source: US5484128A A beverage retaining apparatus for attachment to a part of a structure, the part having a part outer surface and a certain outer surface shape and size, includes a beverage retaining vessel having a vessel wall, a bracket for fitting around the part, the bracket including a part encompassing member having an inner member surface and sized so that the inner member surface is larger than and spaced apart from the part outer surface, and including deformable gripping material for filling the space between the inner member surface and the part outer surface and for deforming to fit the certain shape and size of the part outer surface, and an interconnection structure for connecting the vessel to the bracket. The encompassing member preferably includes a strap member having two strap ends and being longitudinally bent end to end to form a loop configuration for encompassing the part outer surface. The interconnection structure preferably removably connects the vessel to the bracket. The interconnection structure preferably includes a channel recessed into the vessel wall having a channel open end, and a projection extending from the encompassing member and sized for sliding axial insertion into the channel through the channel open end, where the channel laterally surrounds the projection to a sufficient extent for the channel to retain the projection against lateral removal of the projection from the channel.

Probable Assignee: FRANCO SR JAMES L

Earliest Publication Date: 19960116



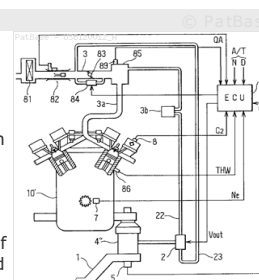
24) Family number: 12473091 (US6120012A)

ELECTRONICALLY CONTROLLED ENGINE MOUNT

Abstract: Source: US6120012A An engine mount which is capable of changing its vibration transmission characteristics with a simple structure using an inexpensive actuator is provided. A partition is inserted to a side member to which a mount rubber (rubber vibration isolator) of the engine mount is spliced to close a space between the mount rubber and to create an air chamber. An air duct pipe which communicates with the air chamber is connected to the side member and is connected to a VSV (vacuum switching valve) via a connection pipe. The VSV is controlled to ON/OFF states based on a driving voltage V_{out} from an ECU which corresponds to explosive vibrations of the engine to switch pressure within the air chamber to negative pressure of a vacuum tank in which negative pressure of an intake manifold is accumulated or to atmospheric pressure, interlocking with the vibration of the engine. Thereby, the vibration transmission characteristics of the engine mount may be adequately changed and the vehicular vibration may be reduced significantly.

Probable Assignee: DENSO CORP

Earliest Publication Date: 19971113



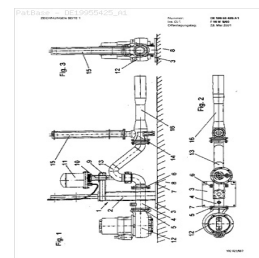
25) Family number: 12595825 (DE19955425B4)

VORRICHTUNG ZUR ORTSFESTEN ANBRINGUNG EINES AGGREGATES

Abstract: The mounting system for a machine and motor system (12), e.g. a submerged motorised agitator in a mixing or aeration basin or for a stream purification device fitted to a rain overflow basin, comprises a base plate (3) to which a vertical pipe (2) is fastened. This carries one or more horizontal pipes (4) with flanges (5, 6) to which the system and optional accessories (13, 14, 16) can be connected.

Probable Assignee: KSB AG

Earliest Publication Date: 20010523



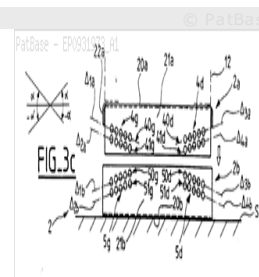
26) Family number: 12797658 (EP0931973A1)

ADJUSTABLE SUPPORT STRUCTURE FOR EQUIPMENT RESTING ON A SUPPORTING SURFACE, PARTICULARLY FOR A BANKNOTE CONTAINER IN AN AUTOMATIC CASH DISPENSER

Abstract: The base consists of upper and lower components (2a, 2b) with vertical side panels (21a, 21b) which partially overlap one another when the base components are fitted together. Each of the side panels has four inclined rows of holes (4d, 4g; 5d, 5g) in two parallel pairs, allowing the upper component to be set at a variable height when fixings are inserted through the overlapping holes.

Probable Assignee: BULL CP8

Earliest Publication Date: 19990723



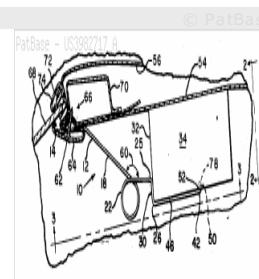
27) Family number: 1325620 (US3982717A)

HOLDER FOR TISSUE BOXES

Abstract: Source: US3982717A A spring holder which converts a box of tissues into a convenient, out-of-the-way storage and dispensing container particularly suitable for mounting in automobiles, the spring holder being characterized by a pair of spring legs adapted for anchoring at one end and at the other end having a support formation in cooperative relation to the spring legs and box for providing yieldable lift support to the tissue box against a reference surface, as well as resistance to lateral movement of the tissue box. In a first embodiment, each of the spring legs is of spring wire and has a spring loop distal from the anchor end and the support formation is comprised of an extension of each of the spring wire legs from the spring loop and having angular bends therein to engage a side, bottom and edge of an opening in the bottom of the tissue box. In a second embodiment, the support formation is comprised of an extension of each of the spring wire legs from the respective spring loop and having bends therein to engage two opposed ends and bottom of the tissue box, and an additional member fixed in transverse relation to the spring leg extensions for engaging the two sides of the box. In a third embodiment, the support formation is comprised of an extension of each of the spring wire legs from the spring loop and a tray fixed to the leg extensions and having a bottom and sides for engaging the bottom and respective sides of said tissue box. In a fourth embodiment, the pair of spring legs are of flat elastically resilient plastic and the support formation is comprised of an extension of the combined spring legs and having angular bends therein to engage a side, bottom and edge of an opening in the bottom of the tissue box.

Probable Assignee: FERBER LEON A

Earliest Publication Date: 19760928



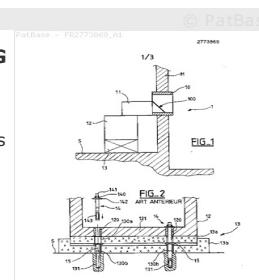
28) Family number: 13421033 (FR2773869A)

ADJUSTABLE-HEIGHT BASE FOR INSTALLATIONS RESTING ON A SURFACE, FOR USE AS MOUNTING BASE FOR AUTOMATED CASH DISPENSER MACHINES

Abstract: The base unit (2) is formed from a number of blocks (2a, 2b) stacked to the required height (h). The blocks are available in a number of different heights. The cash dispenser (12) is anchored to the ground (S) by bolts (14) that pass through the floor of the dispenser and through holes pre-formed in the support blocks to screw into anchors (131) set in the ground.

Probable Assignee: BULL CP8

Earliest Publication Date: 19990723



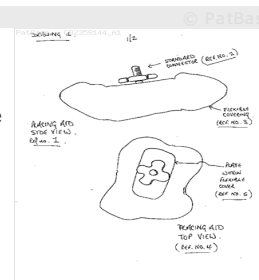
29) Family number: 14577160 (GB2359144A)

TEXTILE BAG SUPPORT FOR CAMERA

Abstract: Source: GB2359144A A lightweight textile container 3, beanbag or malleable solid for supporting a camera, flashlight etc. where the bag contains either moving beads or ball bearings etc., and has a mounting device 2 for connection to the camera. This way a camera or the like can be supported in a number of irregular or awkward situations.

Probable Assignee: LE BRETON IAN P

Earliest Publication Date: 20010815



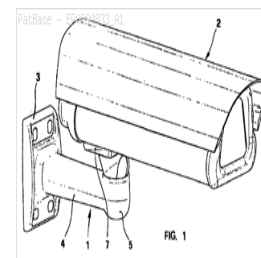
30) Family number: 14911524 (EP0990833A1)

WALL MOUNTING FOR TELEVISION CAMERA HOUSING

Abstract: The container wall support has a wall mounting (3) and arm (4). The arm has a swivel joint holder (5). The container box has a ball joint which drops into the holder and attached to the camera by a plate (7). A mushroom shaped section drops into the plate which has an outer shroud, plugging into the holder. A base plug is placed through the holder to hold the mushroom shape section in place.

Probable Assignee: VIDEOTEC S R L

Earliest Publication Date: 20000403



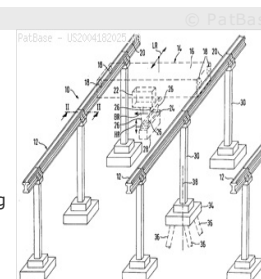
31) Family number: 15383317 (US2004182025A)

SUPPORTING FRAMEWORK FOR A CRANEWAY

Abstract: Source: US2004182025A A supporting framework (10) according to the invention for a craneway for at least one crane which travels on at least one track, especially for a bridge crane (14) which travels on two tracks, comprising a track carrier (12) which is elongated in the track direction and comprises at least one carrier section (60) of reinforced concrete, preferably of prestressed concrete, a system of pillars comprising reinforced concrete pillars (30), whose upper ends in each case support the carrier sections (60) via a top component (84) and whose lower ends are in each case anchored in the soil via a base component (34), and in each case an adjustable bearing in the area of the top component (84) and/or of the base component (34') in at least some of the pillars (30) for adjusting the track carrier (12) according to the desired course of the track.

Probable Assignee: GOTTWALD PORT TECHNOLOGY GMBH

Earliest Publication Date: 20010718



32) Family number: 16079677 (DE29802119U1)

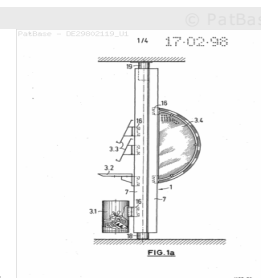
TRAGSAEULE

Abstract: Source: DE29802119U1 (Claim 1) 1. Tragsaeule fuer Kundenbedienungsraeume, z.B. im Bereich von Banken, Verwaltungen und dgl., mit einem Tragprofil (2) fuer die Befestigung verschiedener Funktionselemente (3), wie Tischplatten, Prospektablagen, Leuchten und dgl., dadurch gekennzeichnet, dass das Tragprofil (2) einen saeulenfoermigen Profilkoeper (4) aufweist, in dessen Wandung (5) einerseits s Montageoeffnungen (6) fuer das Einhaengen oder Einrasten von Abdeckpro fi len (7) und andererseits im Bereich der Zwischenraeume (8) der Abdeckpro fi le (7) Aussparungen (9) fuer das Einhaengen oder Einrasten der Funktionselemente (3) vorgesehen

Machine translation: (Claim 1) 1 Tragsaeule for Kundenbedienungsraeume, e.g. in the range of banks, offices and the like, having a support profile (2) for the attachment of various functional elements (3), such as table tops, leaflet holders, lamps and the like, wherein the supporting section (2) a columnar Profilkoeper (4) which in the wall (5) s einerseit Montageoeffnungen (6) for hanging or locking of Abdeckpro fi len (7) and the other in the Interstitial (8) of Abdeckpro fi le (7) holes (9) for hanging or locking of the functional elements (3) provided

Probable Assignee: 3 X BANKTECHNIK AG

Earliest Publication Date: 19980528



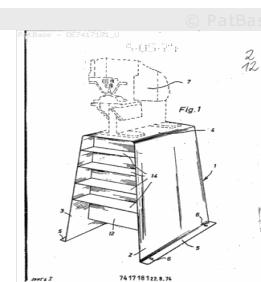
33) Family number: 16323913 (DE7417181U)

Abstract: Source: DE7417181U (Claim 1) 1. Podest zum Aufstellen eines Arbeitsgeraetes, insbesondere einer Stanze, einer Schere, einer Bohrvorrichtung od. dgl., mit einem plattenartigen. Kopfteil, einem auf dem Boden aufliegenden Fussteil und einem zwischen diesen sich erstreckenden Stuetz;bschnitt, dadurch gekennzeichnet, dass das Podest aus einer trapezfoermig gebogenen Platte (1) mit seitwaerts gerichteten Fussteilen (5) gebildet ist und zwischen den gegenueberliegenden Seitenwaenden (2, 3) des Srapezpo- destes waagerechte oder annaehierend waagerechte Versteifungsbleche (8, 14) in einer Anordnung zur Aufnahme oder zum Tragen von Lagerbehaeltern (Kasten) sowie in oder ungefaehr in der Podestmitte in vertikaler Ebene Versteifungsstreben oder-bleche (11, 12, 13) angeordnet sind.

Machine translation: (Claim 1) 1 Platform for placement of a working machine, especially a punch, scissors, a drill or the like, with a plate-like. Head, one on the floor resting foot part and a between these, erstreckenden Cranes; ection, characterized in that the pedestal of a trapezoidal curved plate (1) with laterally directed foot part (5) formed between the opposite sidewalls (2, 3) arranged the Srapezpo least horizontal or anna before during horizontal stiffening plates (8, 14) in an arrangement for recording or for carrying Lagerbehaeltern (Boxes) and in or approximately in the landing center in the vertical plane bracing struts or plates (11, 12, 13) are.

Probable Assignee: PEDDINGHAUS ROLF

Earliest Publication Date: 19740822



34) Family number: 16567399 (DE7608570U1)

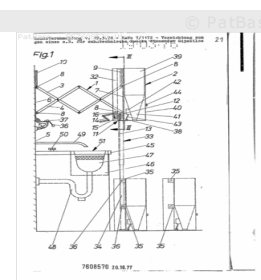
VORRICHTUNG ZUM BEFESTIGEN EINES Z.B. FUER ZAHNTECHNISCHE ZWECKE DIENENDEN GIPSSILOES APPARATUS FOR SECURING A EXAMPLE TOOTH FOR TECHNICAL PURPOSES INTENDED TO PUT GIPS SILOS (MACHINE TRANSLATION)

Abstract: Source: DE7608570U1 (Claim 1) Ansprueche 1. Vorrichtung zum Befestigen eines z.

Machine translation: (Claim 1) Claims 1 Means for attaching such a

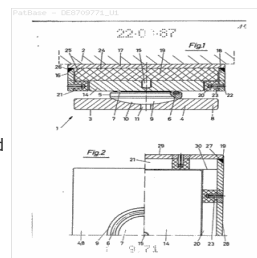
Probable Assignee: KALTENBACH AND VOIGT

Earliest Publication Date: 19771020



35) Family number: 16786409 (DE8709771U1)

Abstract: Source: DE8709771U1 (Claim 1) 1. Gleitstuetzlager fuer die Lagerung von Temperaturschwankungen ausgesetzten Aggregaten, insbesondere zur Ab- stuetzung von grossen Rohrleitungen, Waermetauschern, Rauchgaskanaelen und Filtern, mit integriertem Kalottenlager, wobei das sphaeerische Oberteil des Kalottenlagers mit zugeordneter Gleitplatte und die Gegengl@itplatte, die dem abzustuetzenden Bauteil zugeordnet ist, eine das Gleiten aufeinander ermoeoglichende Oberflaeche aufweisen, dadurch gekennzeichnet, dass die untere Lagerplatte (4), die Teil des abzustuetzenden Bauteils (3) ist, eine das sphaeerische Unterteil (8) des Kalottenlagers (5) aufnehmende Ausnehmung (10) aufweist und dass die Gegengleitplatte (14) in einem ein Gehaeuse ergebenden und zugleich die obere Lagerplatte bildenden Rahmen (16) gehalten ist, der eine als Abstandshalter wirkende Isolierplatte (19) aufnehmend ausgebildet ist.



Machine translation: (Claim 1) 1 Slide-support storage of temperature fluctuations exposed aggregates, especially for ex-support of large pipes, heat exchangers, Rauchgaskanaelen and filters, with integrated spherical bearings, with the spherical shell of the spherical bearing with associated slide plate and the Gegengl itplatte @ to the brace member is assigned a sliding successive enabling surfaces likely, wherein the lower bearing plate (4), which is part of the brace component (3), is one the spherical sub-section (8) of the spherical bearing (5) receiving recess (10) and that the Gegengleitplatte (14) resulting in a housing and at the same time the upper bearing plate forming frame (16) is held, which is acting as a spacer Isolierplatte (19) trained receptive.

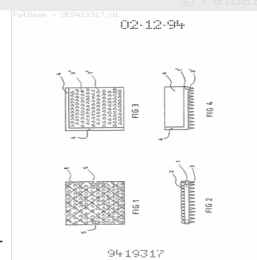
Probable Assignee: HASSDENTEUFEL ALFRED 4300 ESSEN DE

Earliest Publication Date: 19870924

36) Family number: 16911059 (DE9419317U1)

HAFTELEMENT ADHESIVE ITEM (MACHINE TRANSLATION)

Abstract: Source: DE9419317U1 (Claim 1) 1. Haftelement, zum Fixieren von Gegenstaenden, vorzugsweise in Gepaeckraeumen von Kraftfahrzeugen, mit einer Grundplatte (1, 1'), dadurch gekennzeichnet, dass die Grundplatte (1, 1') auf einer Seite spitzenfoermige Erhebungen (3, 3') aufweist, welche sich etwa senkrecht zur Grundplatte (1, 1') erstrecken, und die Grundplatte (1, 1') auf der anderen Seite mit einem rutschfesten Belag (2) versehen ist.



Machine translation: (Claim 1) 1 Bonding element for fixing objects, preferably (lut l) in Gepaeckraeumen of motor vehicles, comprising a base plate, wherein the base plate (1, 1 ') on one side spitzenfoermige surveys (3, 3') has, which is approximately perpendicular to the base plate (1, 1 '), extend, and the base plate (1, 1') is on the other side with a non-slip decking (2) provided.

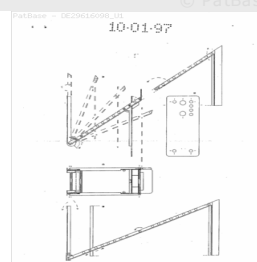
Probable Assignee: RICHTER HERBERT

Earliest Publication Date: 19950126

37) Family number: 16924570 (DE29616098U1)

ELEVATOR VARIABLE UTILITY SPACES WITH INTEGRATED TRANSPORT SYSTEM

Abstract: Source: DE29616098U1 (Claim 1) SchutzanspruecheHoehevariable Stellflaechen mit integriertem Transportsystem, das in einem Klappmechanismus zusammenlegbarun,d so als Karre transportabel ist, wobei diese Mechanik + die Stellflaechen von ihrer groeesten Auslenkung, in der ihre Hoehe gleich ihre r Laenge ist , bis zum passigenflachen Zusammen f ue gen in lediglich den Materialstaerkenstufenlos, jedoch rastbar fuehrt+ durch kraftschliessige Gelenke und verwindungsst e i fePr of i ! que r s ch n ite von solche r Statik in allenAchsen ist, dass es keiner kra f t ableitenden weiterenVerstrebungen bedarf + t durch Ausheben der Transportachse in Ruhestellungstandsicher den Kufen aufliegt+ vollstaendig in sich verbunden ist und aus einem Stueck einschliesslich der Stellflaechen besteht, sodass es keiner l o sen Teile bedarf+ als Entwur f s parameter die Handhabbarkeit durch einePerson bei optimiertem Nutze n an Flaeche, Hoehe und Transportleistung derart durch lediglich zwei horizontale,selbstrastende Achsen ermoeog li c ht, dass der Aufbau in einem einzigen Bewegungsablauf erfolgt+ , durch Leichtbauweise und Entlastungsbohrungen Transport fae higkeitin Verbindung mit Zuggriff und Rollen so erzielt, dass zusaetzlich ein Transportbehaelterin den Abmessungen der Stellflaeche mittels ausklappbarer Halterung aufgelegt wird+ durch M it telunter st uetzung Platten unterschiedlicherMaterialitaet und Nutzung, auch gebohrt, statisch unbeschadet und so aufnimmt, dass sie austauschbar befestigtsindStellflaechen mit Mechanismus nach 1+ au f deren Pro f i l querschn i t sie sich zusaetzliche Behaeltnisseaufschiebbar befestigen lassen+ deren Profile, bzw.



Machine translation: (Claim 1) requirement for protection utility spaces with integrated transport system, which in folding mechanism zusammenlegbarun, D so as cart transportable is, how this mechanics verwindungsst + the utility spaces of their largest deflection, in which its height is alike its r length, up to the passigenflachen together f ue towards in only material thickness-steplessly, however racable fuehrt+ by actuated joints and e i fePr Of i ! que r s CH n width unit of such r statics in all axes it is it that it does not require kra f t deriving far bracings + t by digging the transportation axle in Ruhestellungstandsicher for the skids aufliegt+ completely in itself connected it is and from a piece including the utility spaces exists so that it an l o parts do not sen bedarf+ as Entwur f s parameter the management by one person with optimized use n at surface, height and transportation in such a manner by only two horizontal, resting axes ermoeog left C cycles per second that the structure in only one course of motion erfolgt+, by lightweight construction way and relief passages transport in such a way obtains fae higkeitin connection with release and roles that additionally a Transportbehaelterin the dimensions of the utility space it by means of swinging out mounting plate presented wird+ by M it elunter sp uetzung Platten unterschiedlicherMaterialitaet and use, also bored, statically without prejudice to and takes up in such a way, that they fasten themselves exchangeably fastening being utility spaces with mechanism after 1+ outer f their pro f i l querschn i t width unit additional container postponing bar leave their profiles, and/or.

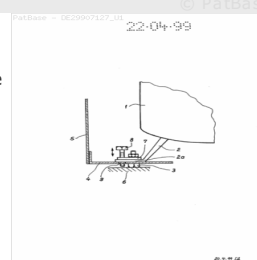
Probable Assignee: KLUGE DIETRICH A DIPL ARCHITEK

Earliest Publication Date: 19970220

38) Family number: 16994476 (DE29907127U1)

CONTAINER WITH SEVERAL CONTAINER FEET

Abstract: Source: DE29907127U1 (Claim 1) 1. Behaelter mit mehreren Behaelterfuessen, die auf einer Grundplatte einesdes Behaelter umgebenden Gehaeuses mittels Schrauben befestigt sind, dadurch gekennzeichnet,dass wenigstens eine der Schraubbefestigungen(2) eine Gewindeplatte(7) aufnimmt, und dass in dem Gewinde der Platte(7) eineSchraube(3) gefuehrt ist, mit der der bodenseitige Abstand der Grundplatte(4) verstellbar ist.



Machine translation: (Claim 1) 1 Container with several Behaelterfuessen, which are mounted on a base plate einesdes container surrounding housing by means of screws, wherein at least one of the screw fasteners (2) a threaded plate (7) takes up, and that in the thread of the plate (7) a screw (3) out is the distance between the bottom side of the base plate (4) is adjustable.

Probable Assignee: STIEBEL ELTRON GMBH AND CO KG

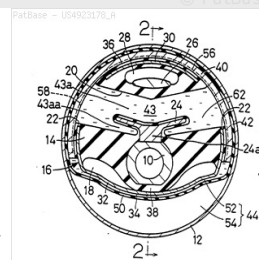
Earliest Publication Date: 19990701
39) Family number: 17022329 (US4923178A)

FLUID-FILLED CYLINDRICAL ELASTIC MOUNT

Abstract: Source: US4923178A A fluid-filled cylindrical elastic mount including an inner and an outer sleeve; an elastic body interposed between the inner and outer sleeves; a rigid sleeve disposed over at least an outer circumferential surface of opposite axial end portions of the elastic body; a pressure-receiving chamber provided between the inner and outer sleeves, filled with a non-compressible fluid, and receiving a vibrational load to be damped; an equilibrium chamber provided between the inner and outer sleeves, filled with the fluid, and at least partially defined by a flexible wall; a restricted passage for restricted fluid communication between the pressure-receiving and equilibrium chambers; a recess-defining member disposed between the inner and outer sleeves, for defining a radially outwardly opening recess, the outer sleeve covering the recess to provide a space of a predetermined volume; and an elastic sleeve for fluid-tight sealing between the outer and rigid sleeves. A portion of the elastic sleeve which is aligned with the space, is spaced apart from the outer sleeve so as to provide a flexible diaphragm in the space, the flexible diaphragm serves as the flexible wall, and the equilibrium chamber is provided in the space. The rigid sleeve and the recess-defining member may be constituted by a single generally cylindrical member.

Probable Assignee: TOKAI RUBBER IND LTD

Earliest Publication Date: 19891221



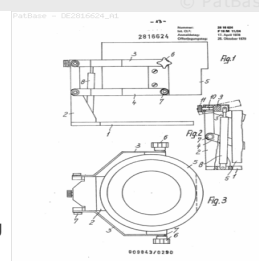
40) Family number: 1711100 (DE2816624A1)

VORRICHTUNG ZUR VERTIKAL VERSTELLBAREN HALTERUNG VON BEHAELTERN O.DGL. ADJUSTABLE SUPPORT FOR LABORATORY HEATING BATH - HAVING TWIN ARMS ATTACHED TO RIGID MOUNTING SUCH THAT BATH REMAINS HORIZONTAL WHEN ITS HEIGHT IS ADJUSTED

Abstract: Source: DE2816624A1 Patentansprueche 1 Vorrichtung zur vertikal verstellbaren Halterung von Behaeltern oddgl, insbesondere Heizbadbehaeltern auf Trae gerplatten oddgl, dadurch gekennzeichnet, dass der Heiz badbehaelter (5) od dgl an einem vertikal verschwenkbaren Doppellenkerpaar (3, 4) angreift, das an einem traegerplattenfesten Lagerbock (2) angelenkt und durch ein zwischen der Traegerplatte (1) und einem Lenkerpaar (3) eingespanntes Gewichtsausgleichelement (8) abgestuetzt ist Vorrichtung nach Anspruch 1, dadurch gekennzeichnet, dass das Gewichtsausgleichelement(8)durch einen Gasdruckzylinder oddgl. Containers esp. heating baths are held on a support plate. The support is held on a double arm coupling which allows vertical movement while retaining the support horizontal. The arms have a tensioned counterbalance element to hold the weight of the bath. The counterbalance can be a pneumatic cylinder or a spring. It is rigidly mounted to the double arms. Means is provided of fixing or clamping the heating bath to the holder. For use in laboratory experiments, e.g. evaporator columns. Gives stable mounting for a heating bath and easy adjustment of height.

Probable Assignee: HEIDOLPH ELEKTRO KG

Earliest Publication Date: 19791025



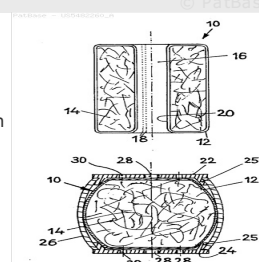
41) Family number: 17140399 (US5482260A)

DAMPING ELEMENT

Abstract: Source: US5482260A A damping element (10) comprises disintegrated closed-cell foamed material such as loose shreds or incoherent granules (14) of polyurethane foam under predetermined stress within an envelope (12) of an elastically yielding material of given fluid permeability and made from a format (16) of fiber material such as jute, fleece or elastic fabrics of given density, perforated plastics foil, etc. When compression-filled with the granulated material (14), it is permanently closed by sewing up, sealing or conglutinating adjacent edges or seams (18) to form e.g. a cylindrical or bale-type body or a tubular body with a through-hole (20). The envelope (12) may be encircled by a force-receiving container having a shell (26) mounted to rims (25) of a cover (22) and a bottom (24). Preferred use is in supporting structures such as machine beds, engine bearers, three-dimensional bearings, shock absorbers, telescopic cylinders, air cushions, etc. with or without oil impregnation. It is also suitable for emergency supports or makeshift bearings.

Probable Assignee: DF PATENT AG

Earliest Publication Date: 19930722



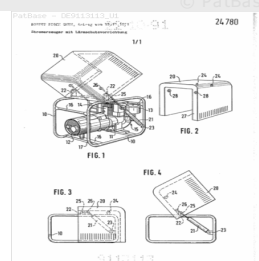
42) Family number: 17652916 (DE9113113U1)

Abstract: Source: DE9113113U1 (Claim 1) 1. Stromerzeuger, insbesondere tragbarer Stromerzeuger, mit einem Generator und einem Verbrennungsmotor, welche in einer Halterung befestigt sind, sowie mit einer Laerschutzvorrichtung, dadurch gekennzeichnet, dass Generator (12) und Motor (11) in einem Rahmen (10) befestigt sind, und dass die Laerschutzvorrichtung (20 bis 24) nach Art einer Laerschutzkappe ausgebildet ist, welche wenigstens den Motor (11) von drei Aussenseiten und der Oberseite umgibt und beweglich mit dem Rahmen (10) verbunden ist.

Machine translation: (Claim 1) 1 Generators, in particular portable power generators, with a generator and a combustion engine, which are mounted in a holder, and a Laerschutzvorrichtung, wherein said generator (12) and motor (11) in a frame (10) are fixed, and that the Laerschutzvorrichtung (20 to 24) is formed like a Laerschutzkappe which surrounds at least the motor (11) from three outer sides and top and movable with the frame (10) is connected.

Probable Assignee: ROBERT BOSCH GMBH 7000 STUTTGART DE

Earliest Publication Date: 19930225



43) Family number: 17681678 (DE9318773U1)

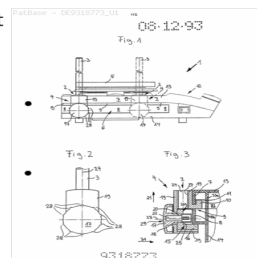
LABORGERAET MIT EINER AUFNAHME FUER EINEN STATIVSTAB LABORATORY INSTRUMENT WITH A RECORDING FOR A SUPPORT ROD (MACHINE TRANSLATION)

Abstract: Source: DE9318773U1 (Claim 1) 1. Laborgeraet, insbesondere Magnetruehrer 1 oder Schuettelgeraet mit einer Aufnahme fuer einen Stativstab, dadurch gekennzeichnet, dass die Aufnahme (2) an einem separaten Stativstabhalter (4) vorgesehen ist und dass der Stativstabhalter (4) an dem Laborgeraet verstellbar befestigt und festlegbar ist.

Machine translation: (Claim 1) 1 Laborgeraet, especially magnesium True art teacher one or shaker with a receptacle for a support rod, wherein the bracket (2) on a separate support rod holder (4) is provided and that the support rod holder (4) of the Laborgeraet attached adjustable and fixable is.

Probable Assignee: JANKE AND KUNKEL KG

Earliest Publication Date: 19940203



44) Family number: 17706491 (DE9416114U1)

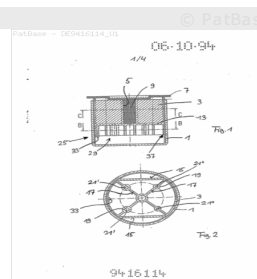
HOEHNVERSTELLEINRICHTUNG HEIGHT ADJUSTING DEVICE (MACHINE TRANSLATION)

Abstract: Source: DE9416114U1 (Claim 1) 1. Hoehenverstelleinrichtung, insbesondere fuer container- artige Moebel, mit den folgenden Merkmalen - mit einer in Form einer Gewindehulsee oder einer Gewin- dekappe (1) ausgebildeten Verstellmutter, - mit einem Gewindezapfen (3), auf welchem die Verstell- mutter (1) zur Bewirkung der unterschiedlichen Hoehen- einstellung gegenseitig verdrehbar ist, gekennzeichnet durch die folgenden weiteren Merkmale zur Vergroesserung des Hoehenverstellbereiches sind zwei Gewindezapfen (3) in Axialrichtung verlaenger-und dazu fest miteinander verbindbar, und - es ist eine Ausricht-und Zentriereinrichtung (25) vorgesehen, die einen Zusammenbau der zu verbindenden beiden Gewindezapfen (3) nur in einer solchen Stellung erlaubt, in der der Gewindegang des ersten Gewindezap- fens (3) in folgerichtiger Verlaengerung zu dem Gewin- degang des zweiten Gewindezapfens (3) zu liegen kommt.

Machine translation: (Claim 1) 1 Height adjustment device, particularly for container-style furniture, with the following features - with one in the form of a Gewindehulsee or a threaded dekappe (1) trained adjustment nut - a threaded pin (3) are examined for which the adjusting nut (1) effecting of various heights setting is in the opposite direction to rotate, characterized by the following additional features to the magnification of the height adjustment are two threaded pins (3) in axial extension and to be connected together, and - there is an alignment and centering device (25) provided the an assembly of connected two threaded pins (3) only in such a position allows, in the thread of the first Gewindezap-fen (3) in a consistent extension to the threaded Degang of the second threaded pin (3) comes to rest.

Probable Assignee: FORMPLAN GES F BUEROEINRICHT

Earliest Publication Date: 19941201



45) Family number: 17711973 (DE29502297U1)

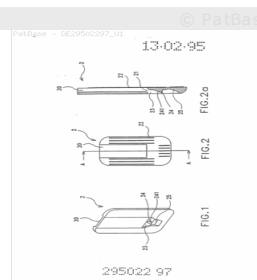
SOLVABLE MOUNTING DEVICE FOR MOBILES TELECOMMUNICATIONS EQUIPMENT

Abstract: Source: DE29502297U1 (Claim 1) K 30 581 Schutzansprueche 1. Loesbare Befestigungsvorrichtung, gekennzeichnet durchein flache Kopplungsplatte (2), die an der Rueckseiteeines beweglichen Geraets (1) befestigt ist und eine von der Rueckseite des beweglichen Geraets beabstandeteerste Seite, eine der ersten Seite gegenueberliegende zweite Seite, eine in Laengsrichtung auf der ersten Seiteangeordnete longitudinale Schiene (20), eine erste Aussparung {23} und eine zweite Aussparung {25}, die auf derzweiten Seite in Laengsrichtung beabstandet sind, eine Durchgangsbohrung {21} durch die erste und die zweiteSeite, die einen Durchlass zwischen der longitudinalen Schiene (20) und der ersten Aussparung {23} schafft,sowie einen Vorsprung (24) enthaelt, der sich von der ersten Aussparung (23) erhebt und eine schraege Flaechefl (241) definiert; undeine Halterung (3), die der Befestigung der Kopplungsplatte(2) an einem Haltegegenstand dient und eine Grundplatte (31) mit einem als feste Klemmbacke (32)endenden unteren Abschnitt sowie eine Blattfeder (30) mit einem an der Grundplatte (31) befestigten festen Ende undeinem mit einem Rundloch (301) ausgebildeten und auf die feste Klemmbacke (32) wirkenden freien Ende enthaelt,wobei die Halterung (3) an der Kopplungsplatte (2) durch Befestigen der Grundplatte (31) an der zweiten Seite derKopplungsplatte (2) und durch Einschieben des freien Endes der Blattfeder (30) in die longitudinale Schiene (20), in die Durchgangsbohrung (21) in der Kopplungsplatte (2) und in die erste Aussparung (23) befestigt wird, wobei das Rundloch (301) im freien Ende der Blattfeder less than dp num="9" sdo="cl" nr-chars="1505" dub-part="0.

Machine translation: (Claim 1) K 30 581 Schutzansprueche first Releasable fastening devices, characterized by a flat coupling plate (2), which is attached to the Rueckseiteeines mobile device (1) and a beabstandeteerste of the back of the mobile device side, a first side opposite second side, one in Laengsrichtung on the first page Arrayed longitudinal rail (20), a first recess {23} and a second recess {25}, which are spaced at derzweiten page Laengsrichtung, a through hole {21} by the first and the second page, which a passage between the longitudinal rails (20) and the first recess {23 creates}, and a projection (24), which rises from the first recess (23) and an inclined surface (241) defined; anda bracket (3) that the attachment of the coupling plate (2) to a holding object serves and a base plate (31) with one as a fixed jaw (32) ended lower section and a leaf spring (30) with one on the base plate (31) attached to the fixed end anda (301) with a circular hole formed and on the fixed jaw (32) contains acting free end, wherein the holder (3) of the coupling plate (2) by attaching the base plate (31) on the second side derKopplungsplatte (2) and by inserting the free end of the leaf spring (30) in the longitudinal rail (20) is mounted in the through hole (21) in the coupling plate (2) and in the first recess (23), with the round hole (301) in the free end of the leaf spring less than dp num = "9" sdo = "cl "no-chars = " 1505 "dub-part = " 0

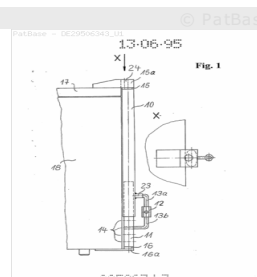
Probable Assignee: WU KO LEE

Earliest Publication Date: 19950420



46) Family number: 17715017 (DE29506343U1)

HALTERUNG MIT ROHRSPANNSCHLOSS UND DREHTELLER SUPPORT WITH A PIPE SPANNER AND TURNTABLE (MACHINE TRANSLATION)



Abstract: Source: DE29506343U1 (Claim 1) 1. Halterung mit Rohrspannschloss und Drehteller für die Befestigung und Lagerung von Kommunikations-Systemen, EDV-Geräten, Messgeräten und Werkzeugen an Büro-, Labor- und Werkstattmöbel o. dergl. dadurch gekennzeichnet, dass die zweistückige ineinander schiebbare Halterung aus Hohlprofilen (10 +11) mit mindestens einem DIN-aehnlichem Rohrspannschloss (12) versehen ist, das mittels umgebogener, diametral sich gegenüber liegenden Gewindestangen, (13a+13b) die beiden Halterungsteile (10+11) zu einer Baugruppe verbindet, wobei mindestens ein Halterungsteil (11) mit Querlochanordnungen (14) für die Höhenverstellung versehen ist.

Machine translation: (Claim 1) 1 Bracket with Rohrspannschloss and turntable for mounting and storage of communications systems, computer equipment, measuring equipment and tools office, laboratory and Werkstattmöbel. provided wherein the two-piece interlocking sliding holder made of hollow sections (10 11) with at least one DIN-like Rohrspannschloss (12), is the medium bent over, diametrically opposite threaded rods, (13a 13 b) two mount parts (10 11) to form an assembly wherein at least one support part (11) with Querlochanordnungen (14) for the height adjustment is provided.

Probable Assignee: MARENHOLTZ ANDRE VON

Earliest Publication Date: 19950720

47) Family number: 17717565 (DE29509028U1)

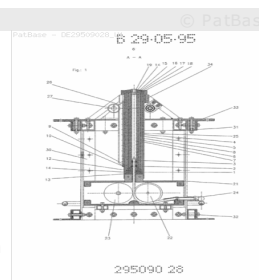
VERSENKBARES TELESKOPSTATIV MIT BUEHNENBODENVERSCHLUSS ZUR AUFNAHME KLEINERER LASTEN RETRACTABLE TELESCOPIC TRIPOD WITH BUEHNENBODENVERSCHLUSS FOR TAKING A SMALLER LOADS (MACHINE TRANSLATION)

Abstract: Source: DE29509028U1 (Claim 1) 1 Schutzansprüche 1. Versenkbare Teleskopstativ zur Aufnahme kleinerer Lasten, insbesondere für Mikrofone, im Theater- und Veranstaltungsbereich, um diese Lasten szenisch wirkungsvoll erscheinen und verschwinden zu lassen, dadurch gekennzeichnet, dass der Hub des Teleskops mittels Druckkraft, bzw. Zugkraft durch einangetriebenes und geführtes Seil, Spirale oder dergleichen ausgeübt wird. Dieses Seil, Spirale oder dergleichen ist mit dem innersten Teleskoprohr verbunden, in das die Hubkraft übertragen und dieses, diese Hubkraft in das nächstgrößere Teleskoprohr leitet und somit die Last (z. B. Mikrofon) aus dem Unterbühnenbereich, auf seine gewünschte Höhe auf der Bühne, gehoben wird und umgekehrt.

Machine translation: (Claim 1) 1 Schutzanspruch first Retractable telescopic tripod to hold smaller loads, especially for microphones that allow the theater and event space, to appear this burden staged effectively and disappear, characterized in that the stroke of the telescope by means of pressure force, or traction by einangetriebenes and owned and rope, spiral, or the like carried on is. This rope, spiral, or the like with the innermost telescoping tube composites, in which transfer the lifting force and this, forward the lifting force in the next larger telescope tube, and thus the load (eg microphones) from the Unterbühnenbereich, to its desired height on the stage, is lifted and vice versa.

Probable Assignee: PALME CARSTEN

Earliest Publication Date: 19950928



48) Family number: 17728201 (DE29608162U1)

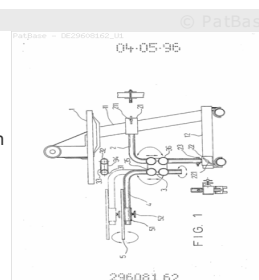
MOBILE CARRIER TABLE

Abstract: Source: DE29608162U1 (Claim 1) Patentanwälte Tergau Pohl, Nuernberg: "... i ss. '!' ss. Seite 96385-10/24-XXC96385-03. Mai 1996 6 Schutzanspruch beta Traegertisch zur Verwendung bei einer Industrienaehmaschine (1), enthaltend: 9 eine stationaere Stange (2), die an zwei Enden mit den Befestigungsmitteln (21, 10 22) und Befestigungsbolzen (2 11, 221) versehen ist, durch die die Stange (2) an 11 dem Stuetz- (11) und dem Grundrahmen (12) einer Naehmaschine (1) angebracht 13 eine Doppelrohrhuelle (3), die zwei rohrfoermige Teile (31, 32), die durch flache mu Teile (33, 34) zusammengefuegt sind, und zwei Befestigungsbolzen (35, 36), die an der Seitenwand der rohrfoermigen Teile (3 1, 32) angeordnet sind, zum positionieren des Einstellens der Stangen (2, 4) aufweist, die durch die rohrfoermigen Teile (31, 32) hindurch verlaufen, und eine Ansatzstange (4), die an einem Ende, an dem eine flache Platte (5) montiert 1 9 ist, einen Fixiermechanismus (51) und einen Bolzen (52) aufweist und am anderen Ende durch einen (31) der zwei rohrfoermigen Teile (3 1, 32) der Doppelrohr- 2 1 huelle (3) verlaeuft, 2 2 wobei die Position und die Hoehe des Traegertisches durch Loesen der Befestigungsbolzen (35, 3 6) der Doppelrohrhuelle (3) zum Einstellen der Ansatzstange 24 (4) aenderbar sind, und wobei der Winkel der flachen Platte (5) bezueglich der Ansatzstange (4) durch den Fixiermechanismus (51) und seinen zugehoerigen Bolzen 2 6 (52) einstellbar ist.

Machine translation: (Claim 1) Patent Attorneys Tergau Pohl, Nuernberg: "... i 's...'! "Ss. Page? 96385-10/24 03 May 1996 6 protection claim beta Traegertisch for use in an Industrienaehmaschine (1) comprising: 9 is a stationary rod (2), which is provided at two ends of the fastening means (21, 10 22) and mounting bolts (2 11, 221), through which the rod (2) at 11 to the Cranes-(11) and the base frame (12) a sewing machine (1) placed 13 a Doppelrohrhuelle (3), the two tubular parts (31, 32), characterized by flat micro parts (33, 34), the assembled, and two mounting bolts (35, 36), which are arranged on is the side wall of the tubular parts (3 1, 32), the position-Adjust the shifting rods (2, 4 exhibits), by the tubular parts?? (31, 32) running through it, and he one approach rod (4), which is at one end on which a flat plate (5) mounted a 9, a fixing mechanism (51) and a bolt (52) and at the other 2 0 Ren end by a (31) of the two tubular parts (3 1, 32), the double-pipe 2 1 huelle (3) runs, 2 2 where the position and height of Traegertisches by loosening the fastening-23 fastening bolts (35, 3 6) of Doppelrohrhuelle (3) to adjust the approach bar 24 (4) fix value, and wherein the angle of the flat plate (5) concerning the sentence bar at 2 5 (4) by the fixing mechanism (51) and its associated pin 2 6 (52) is adjustable.

Probable Assignee: CHINA TEXTILE INST TU CHEN

Earliest Publication Date: 19960725



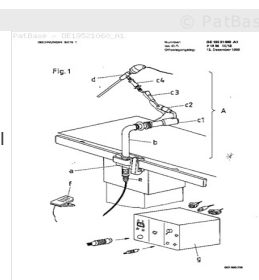
49) Family number: 17742442 (DE19521060A1)

RETAINING ARM SYSTEM ESP. FOR SURGICAL INSTRUMENTS

Abstract: Source: DE19521060A1 The system has a clamp device for frictionless locking of a translationally or rotationally movable element of an arm segment of a holding arm system. At least one electrostrictive, esp. piezoelectric, actuator (1) acts frictionlessly upon a section of the element in reaction to a delivered electrical control signal. The actuator acts upon the section of the element directly in its longitudinal direction or indirectly via force transfer devices. The actuator can be a translator with a linear main longitudinal direction. It can be a multilayer or monolithic actuator.

Probable Assignee: WOLF GMBH RICHARD

Earliest Publication Date: 19961205



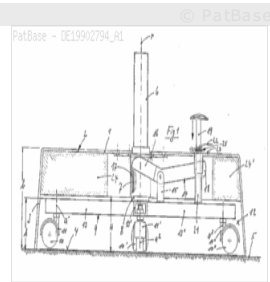
50) Family number: 17899209 (DE19902794A1)

HOLDER FOR SIGN OR LAMP HAS HOLLOW SHAFT, BASE PLATE, CARRIAGE, ROLLERS, COLLAR, LEVER GEAR, PLUNGER AND LOCK

Abstract: The holder has a base plate (1) from which a shaft or hollow profiled section (6) extends vertically upwards. A carriage (9) positioned between the base plate and the placement surface (5) is guided along the base plate by several rollers (10,10',10'') mounted on the underside of the base plate. A downward pointing frame-type side wall section or collar (3) is supported on the placement surface and encloses the carriage. A lever-gear (14) between the top of the carriage and the underside of the base plate corresponds to a plunger (19) with lock (22,23,25) movably mounted in the base plate.

Probable Assignee: KLEPSCH FRITZ

Earliest Publication Date: 20000803



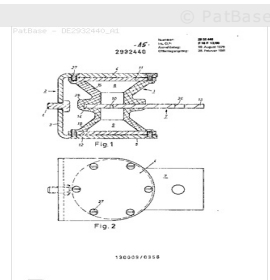
51) Family number: 1816880 (DE2932440A1)

HYDROLAGER HYDRAULIC VIBRATION DAMPING SUPPORT - HAS ELASTOMER HOLLOW BODY WITH CENTRAL THROTTLE PLATE, USED AS FIRST SUPPORT FIXTURE AND U-BRACKET USED AS SECOND SUPPORT FIXTURE

Abstract: Source: DE2932440A1 (Claim 1) 1. Patentansprüche oel Hydrolager, insbesondere zur Lagerung und Daempfung von Motoren fuer Kraftfahrzeuge, Boote oder Generatoren, bestehend aus einem gummielastischem Hohlkoerper mit zwei Kammern, die durch eine Trennwand getrennt sind, in der eine die beiden Kammern verbindende Drossel oeffnung angeordnet ist, dadurch gekennzeichnet, daß der Hohl koerper (1) zwischen den beiden planparallelen Schenkeln (4, 5) eines ic"-foermigen oder rechteckig geschlossenen Buegels (2, 22) angeordnet ist, der den Hohl koerper umgreift und die beiden Stirnflaechen (11, 12) desselben verschliesst und der die eine Lagerung des Hydrolagers bildet und dass die Trennwand zwischen den beiden Kammern (8, 9) eine planparallel zu den Schenkeln angeordnete Metallplatte (7) ist, die teilweise in den Hohl koerper einvulkanisiert ist und das Widerlager des Hydrolagers bildet. The hydraulic vibration-damping support is particularly intended for a motor vehicle or boat engine or a generator. It comprises an elastomer hollow body having two chambers separated by a partition with a throttle orifice connecting the chambers. The body is contained between the parallel flanges of a U-section bracket which flanges form the closures of the chambers. The bracket acts as one half of the support whilst the other half is formed by a metal plate parallel to the flanges which is vulcanised in the body and serves as the partition.

Probable Assignee: FREUDENBERG CARL FA

Earliest Publication Date: 19810226



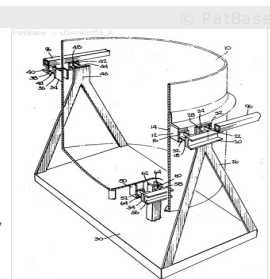
52) Family number: 18796083 (US4042051A)

FLEXIBLY MOUNTED CONTAINER SYSTEM

Abstract: Source: US4042051A This invention relates to a container system, which includes a container having a mounting bracket mounted thereon to carry a first flange-like element, a second flange-like element disposed in spaced parallel relationship with respect to the first flange-like element, a linking member mounted on the second flange-like element, which also carries a third flange-like element mounted thereon, a fourth flange-like element disposed in spaced parallel relationship with respect to the third flange-like element, a support frame fixedly mounted on the fourth flange-like element, and a plurality of elongated resilient cross-members extending perpendicular to and interconnecting the first and second and the third and fourth flange-like elements, respectively, the cross-sectional area of the cross-members on any plane parallel to their respective flange-like elements collectively being symmetrically disposed about a pivot axis extending perpendicular to their respective flange-like elements.

Probable Assignee: RICCIARDI RONALD

Earliest Publication Date: 19760812



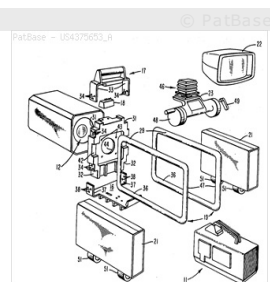
53) Family number: 1925458 (US4375653A)

CAMERA MOUNT

Abstract: Source: US4375653A This invention is a mount to fit a portable camera for studio use. The mount has a vertical front plate to the rear side of which the front of the complete camera (less lens) is attached, without the need for any disassembly. From the front of the plate the studio lenses extend. A horizontal bottom plate extends from the lower rear portion of the front plate for attaching the mount to a standard tripod, or other base. A protective grille-cage assembly extends from the front and bottom plates to generally enclose the space to be occupied by the camera. Equipment particular to studio use is contained in a pair of side pods that are hinged to the grille members so as to be swung rearwardly and downwardly for access to the camera. A studio view-finder and monitor is attached to various rearward grille members and is vertically adjustable by means of vertical racks formed on the grille members and manually conjointly operable through pinions contained in the view-finder and monitor assembly.

Probable Assignee: AMPEX A CORP OF CA CORP

Earliest Publication Date: 19821015



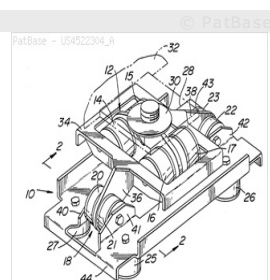
54) Family number: 2034629 (US4522304A)

SHOCK MOUNT APPARATUS

Abstract: Source: US4522304A A shock mount assembly for holding a component includes three sets of elastomeric members with each of the sets being disposed at right angles with respect to each other. One set of members is primarily in compression with the other two being primarily in shear resulting in deflections being the same regardless of the directions of applied external forces.

Probable Assignee: BOMBARDIER A CORP OF IDAHO CORP

Earliest Publication Date: 19830501



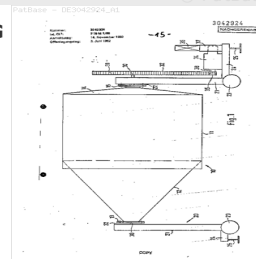
55) Family number: 2038502 (DE3042924A1)

VORRICHTUNG FUER DIE DREHLAGERUNG VON GROSSEN UND DUENNWANDIGEN BEHAELTERN JIG FOR ROTATING LARGE, THIN-WALLED CONTAINERS OR SILOS - ESP. FOR MACHINING OR WELDING OPERATIONS USED IN MFG. LARGE CYLINDRICAL SILOS

Abstract: Source: DE3042924A1 Vorrichtung fuer die Drehlagerung von zu bearbeitenden grossen und duennwandigen Behaeltern mit einer elektromotorischen Antriebseinheit, dadurch gekennzeichnet, dass der Behaelter (10) liegend angeordnet und mit seinen Stirnseiten mit Wellen (30) drehfest verbunden ist, dass diese Wellen (30) in fahrbaren Boeckchen (20) drehbar gelagert sind und dass auf einem dieser Boecke (20) die Antriebseinheit angeordnet ist und mit der Welle (30) dieses Boeckes (20) in Wirkverbindung steht - -- -. The container or silo is laid on its side so its axis is horizontal. Each end of the silo is mounted on a shaft which can rotate in a bearing located on the top end of a vertical frame. One of the two frames carries an electric motor which is employed to rotate one of the shafts so the silo can be rotated. When a round silo is to be machined or welded, it is pref. fixed by flanges onto the two shafts. Each vertical frame is pref. fixed on a horizontal frame provided with wheels so the jig formed by the frames can travel along the ground and then be anchored by adjustable feet. The silo can be rotated on a truly circular path, e.g. for welding parts of the silo together where the parts have been temporarily joined by tack welding.

Probable Assignee: BISSINGER GEB SINN WILMA

Earliest Publication Date: 19820603



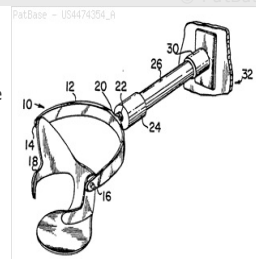
56) Family number: 2058090 (US4474354A)

TUMBLER HOLDER

Abstract: Source: US4474354A A gimbaled cup supporting device for holding cups in a level position in a moving vehicle while at the same time isolating the cup from shock and vibration transmitted from the moving vehicle to the support mechanism. A shock absorber is described in which the central portion supports a collar and shaft attached to the cup holding mechanism and an annular ring portion displaced from the central portion is attached to a supporting shaft that is removably attached to the supporting vehicle. The rubber shock absorber isolates the supporting shaft from the gimbaled cup supporter while supporting it in the conventional manner.

Probable Assignee: LAKE AGASSIZ REGIONAL COUNCIL

Earliest Publication Date: 19840329



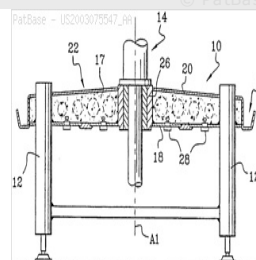
57) Family number: 20773388 (US2003075547A)

MACHINE FOR TREATING CONTAINERS COMPRISING A SANDWICH STRUCTURED TABLE AND METHOD FOR MAKING SUCH A TABLE

Abstract: Source: US2003075547A The invention concerns a machine for treating containers, in particular for a bottling line, comprising at least a table (10) whereon are mounted functional elements (12, 14) adapted in particular to transfer and/or to process the containers. The invention is characterised in that the table is produced in the form of a sandwich structure comprising an outer casing (18, 22) and an inner core (17) made of a material injected in fluid form into the casing (18, 22) and solidified therein.

Probable Assignee: SIDEL

Earliest Publication Date: 20010810



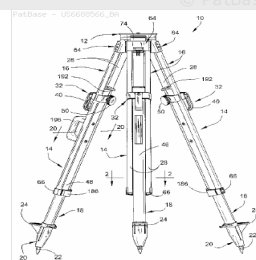
58) Family number: 21651369 (US6688566B)

SURVEYING EQUIPMENT SUPPORT HAVING TELESCOPING LEGS

Abstract: Source: US6688566B A support for surveying equipment and the like has telescoping legs and a locking system including a clamp for locking the legs in a selected position of extension. The two telescoping leg members making up each leg have wedge formations which engage over a wide surface when clamped together to facilitate locking. The clamp is formed to actively release from locking the leg members which the clamp is unlocked. The leg members are particularly constructed to permit surveying tools or other objects to be permanently or replaceably mounted on the legs. A hinge connection of the legs permits them to pivot together in a collapsed position is formed in a unitary fashion with one of the leg members for additional strength. The hinge also holds the leg member to facilitate interlocking the leg members at a selected position of extension.

Probable Assignee: SECO MFG CO INC

Earliest Publication Date: 20020418

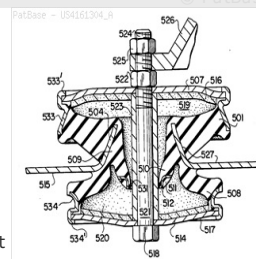


59) Family number: 22657010 (US4161304A)

RUBBER ELASTIC ENGINE MOUNTS OR SUPPORTS WITH HYDRAULIC DAMPING, ESPECIALLY FOR ENGINE SUSPENSIONS IN MOTOR VEHICLES

Abstract: Source: US4161304A A rubber elastic engine mount with hydraulic damping, especially for motor vehicles, includes an elastic peripheral wall on the engine side joined with a metallic end wall that can be connected with an engine casing, and joined also with a metallic supporting element that can be connected to an engine supporting frame. The elastic wall together with the end walls forms a liquid-filled main chamber which is closed off by a partition connected with the supporting element, and which is connected with an auxiliary liquid-filled elastic walled chamber on the other side of the partition. The auxiliary chamber may be constructed generally the same as the main chamber, including an elastic peripheral wall joined with the supporting element and with a metallic end wall relatively away from the engine. The two end walls are rigidly connected. The peripheral walls function as thrust springs. The partition may be rigid and stationary, or it may be movable. A foamed material may be disposed in the chambers so as to accommodate low amplitude oscillations without any appreciable hydraulic damping. One or both of the end walls may be double-walled, including an outer fixed wall and an inner diaphragm-like yieldable wall, the inner wall being constructed with a predetermined yieldability so as to accommodate high frequency oscillations of low amplitude without any appreciable hydraulic damping.

Probable Assignee: BOGE GMBH



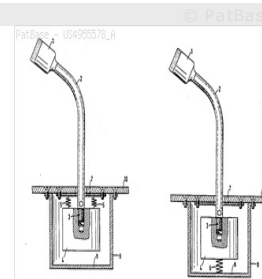
Earliest Publication Date: 19520216
60) Family number: 22749012 (US4955578A)

RESILIENTLY FASTENED SUPPORT DEVICE FOR A MICROPHONE

Abstract: Source: US4955578A A resiliently fastened support device for supporting an arrangement carrying a microphone, such as, a tripod tube, a gooseneck, a plug-type connection or the like. The support device is connected to an end of the arrangement which faces away from the microphone. The mass of the support device is a multiple of the mass of the microphone and the arrangement carrying the microphone.

Probable Assignee: AKG AKUSTISCHE KINO GERAETE

Earliest Publication Date: 19890615



61) Family number: 23269562 (DE20103313U1)

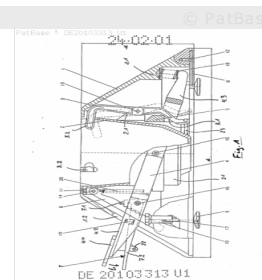
STAENDERFUSS FUER IM WESENTLICHEN ZYLINDRISCHE PROFILE STAND FOOT FOR SUBSTANTIALLY CYLINDRICAL PROFILE (MACHINE TRANSLATION)

Abstract: Source: DE20103313U1 (Claim 1) Schutzansprueche 1 Staenderfuss fur im wesentlichen zylindrische Profile mit - einem Fussteil, - einem in dem Fussteil angeordneten Aufnahmeteil fur das zylindrische Profil, - mehreren um eine Symmetrieachse angeordneten Halteelementen in Form von doppelarmigen Spannhebeln, die jeweils zwischen einer Ruhestellung und einer Spannstellung um horizontale Schwe2nkachsen in Vertikalebene schwenkbar sind, die sich annaehrend in einer Symmetrieachse schneiden, und - einem fussbetatigten Betatigungselement, das uber ein Kraftuebertragungselement an saemtlichen Spannhebeln angreift und diese in die Spannstellung zu bewegen vermag, dadurch gekennzeichnet, dass das Kraftuebertragungselement als in vertikale Richtung verstellbarer Ring (5) ausgebildet ist, der bei seiner nach unten gerichteten belarme (3).

Machine translation: (Claim 1) requirements for protection 1 stand foot for essentially cylindrical profiles also - a trailer, - a photograph part for the cylindrical profile, - several retaining elements in the form of double-armed clamping levers, arranged around a symmetry axis, which are tiltable between a resting position and a clamping position around horizontal Schwe2nkachsen in vertical levels in each case, which cut themselves approximately in a symmetry axis, and - an foot-operated actuator, which attacks over a power train element at all clamping levers and into the clamping position it is able to move these arranged in the trailer, by it characterized that the power train element as into vertical smell tung adjustable ring (5) is trained, with its belarme directed downward (3.Schutzansprueche

Probable Assignee: SCHMITZ HANS JOERG

Earliest Publication Date: 20020328



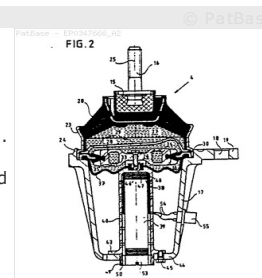
62) Family number: 23452548 (EP0347666A2)

BEARING ARRANGEMENT FOR ABSORBING AND COMPENSATING VIBRATIONS.

Abstract: The bearing consists of a core (16) and a support (17) joined by a resilient elastomeric body (20) with a metallic ring (23) around an axially movable diaphragm (26) in the fluid-filled enclosure (27). The diaphragm (26) incorporates an annular channel (33) connecting entry and exit ports (34,35) with a fluid-filled equalising space (36). The axial movement is introduced by piezoceramic elements (38) which constitute an electrostrictive elongator (39) within a cylindrical tubular spring (40) coupling the support flange (43) to the elastic bellows (37) underlying the fluid space (36). An electrical connection (55) is made from a remote adjustment device to the elements (38) of the elongator (39).

Probable Assignee: AUDI AG

Earliest Publication Date: 19891227



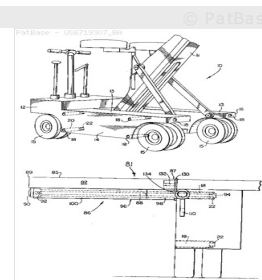
63) Family number: 24116134 (US6719307B)

SIDEBOARD SYSTEM FOR A CAMERA DOLLY

Abstract: Source: US6719307B A sideboard assembly for a camera dolly includes a base attached to the dolly chassis via threaded posts. A platform is slidably attached to the base. A platform brake can be released to allow the platform to slide forward or back on the base, so that the platform is positioned as needed relative to the camera dolly. The platform brake is tightened or engaged to lock the platform into a desired position. An end board assembly can be slidably positioned on end posts threaded into the front end of the camera dolly, to provide increased positioning flexibility. A fixed tab and a pivot tab on the platform allow the platform to be flipped over, so that it can be used interchangeably on the left and right sides of the camera dolly.

Probable Assignee: CHAPMAN LEONARD STUDIO EQUIPMENT

Earliest Publication Date: 20021031



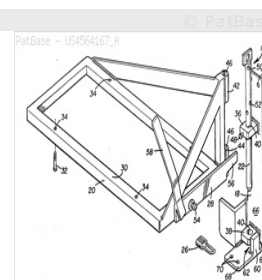
64) Family number: 2499391 (US4564167A)

TOOL BOX MOUNTING ASSEMBLY

Abstract: Source: US4564167A A mounting assembly is disclosed for mounting a container such as a tool box or the like on a structural element such as a portion of a vehicle. The mounting assembly includes a bracket adapted for attachment to the structural element, a frame for supporting the container or tool box being pivotably attached to the bracket by a pin, the pin being removable for permitting movement of the container and/or the frame away from the bracket, and a locator lever which is selectively movable into engagement between the pivotable frame and bracket for fixing or securing the container in at least one operating position.

Probable Assignee: SMITH JAMES H

Earliest Publication Date: 19860114



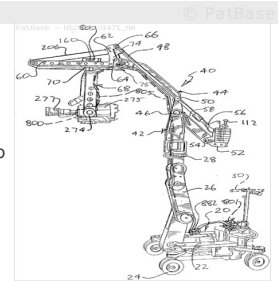
65) Family number: 28187648 (US2002001471A)

CAMERA CRANE

Abstract: Source: US2002001471A A camera crane has a boom arm pivotably connected to a post assembly. A track section is pivotably attached to the front end of the boom arm, and is leveled via leveling rods. A camera frame carrying a camera is linearly moveable along the track section. Pivot joints provide for adjustable drag on pivoting movement, without backlash or slip/stick movement. A remote control accessory is attached to the crane to provide remote movement of the camera platform using joystick controllers.

Probable Assignee: CHAPMAN LEONARD STUDIO EQUIPMENT

Earliest Publication Date: 20011206



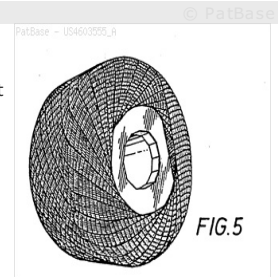
66) Family number: 28201323 (US4603555A)

APPARATUS FOR CONTAINING AN ENERGY STORAGE FLYWHEEL

Abstract: Source: US4603555A Apparatus suitable for containing a rotatable body such as a flywheel comprising at least two parts which together define a housing within which the rotatable body can be rotated. The parts of the housing are not rigidly fixed together but instead they are secured together by a length of high tensile strength tape which is wrapped around the parts to provide at least one layer of tape, overlapping at its edges which envelopes and is in contact with at least 50 percent, and preferably at least 70 percent, of the surface area of the housing. An impact of the rotatable body, or a part thereof, with the inner surface of the housing causes movement and/or deformation of at least one of the parts of the housing. This movement and/or deformation is resisted by the tape and the point loading resulting from the impact is thereby transformed into a loading over the surface of the parts wrapped with tape.

Probable Assignee: BP PLC

Earliest Publication Date: 19841122



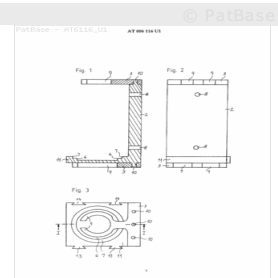
67) Family number: 28360401 (AT6116U)

HALTERUNG FUER BEHAELTER HOLDER FOR CONTAINERS (MACHINE TRANSLATION)

Abstract: Source: AT6116U Eine Halterung (1) fuer Behaelter (4, 5) bzw. Fettkartuschen umfasst z.B. fuer die Montage an Baumaschinen eine Montageplatte (2) von der im rechten Winkel am unteren Ende ein Bodenuntersatzstueck (11) wegragt. An der Oberkante der Montageplatte (2) wird auf Zapfen (10) eine auswechselbare Einheit (3) aufgesteckt. Die auswechselbare Einheit (3) verfuegt ueber zwei gegenueberliegende Klemmbacken (9), welche den Behaelterhals (12) umfassen und in seiner Lage fixieren. Die Halterung (1) ist durch die auswechselbare Einheit (3) an unterschiedliche Behaelter (4, 5) leicht anzupassen, da die Klemmbacken (9) jeweils andere Abstaende zueinander aufweisen. Mehrere Halterungen (1) koennen durch Formschlusselemente, z.B. Schwalbenschwanzfeder (13) und Schwalbenschwanznut (14) zu einer Halterungsbatterie zusammengesteckt werden. A mounting (1) For containers (4, 5) or grease cartridges includes, for example, for mounting on a mounting plate (2) from the equipment at right angles at the lower end of a bottom subset piece (11) projecting upwardly. At the top of the mounting plate (2) onto studs (10) is a replaceable unit (3). The replaceable unit (3) has two opposing clamping jaws (9), which is the container neck (12) and fix in place. The mounting (1), due to the replaceable unit (3) to different container (4, 5) to slightly adjust the clamping jaws (9) Since each other spacings to one another. A plurality of retaining brackets (1), as a result of form-fitting elements, e.g., dovetail spring (13) and dovetail slot (14) to a holder battery.

Probable Assignee: FORSTHUBER STEFAN

Earliest Publication Date: 20030425



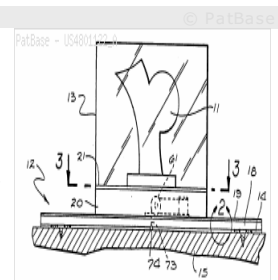
68) Family number: 2837999 (US4801122A)

ISOLATOR FOR SEISMIC ACTIVITY

Abstract: Source: US4801122A An apparatus for supporting an object on a base for isolating the object from movement of the base, typically an art object, instrument, case, or housing for projection during seismic activity. The apparatus includes a base plate for attachment to the base, with a frame positioned on the base plate and adapted for omni-directional movement over the base plate. A lever is pivotally mounted on the frame and is connected to a spring, typically by a cable. The lever is also connected to the base plate, typically by another cable, with movement of the base plate moving the lever and extending the spring, after which the spring retracts, restoring the apparatus to the rest position.

Probable Assignee: STAHL JAMES M

Earliest Publication Date: 19890131



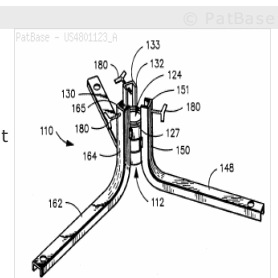
69) Family number: 2838002 (US4801123A)

SUPPORT STAND FOR POLE-LIKE OBJECTS

Abstract: Source: US4801123A A support stand for a pole-like object includes a base member and a plurality of legs that slideably engage the base member at equiangularly aligned positions. Preferably the base member is tubular, and a primary leg is rigidly attached thereto. Two or more legs are rigidly attached to mounting sleeves that slide onto the tubular base into a nested position that presents a smooth visual appearance. Various alignment structures may be used to equiangularly align all of the legs. An upper end of the base member/leg assembly may be provided with adjustable clamping structure to further secure a received pole-like object; an auxillary base may also be used with the base member receiving a shank on the auxillary base which in turn receives the pole-like object.

Probable Assignee: LYNCH JAMES P

Earliest Publication Date: 19890131



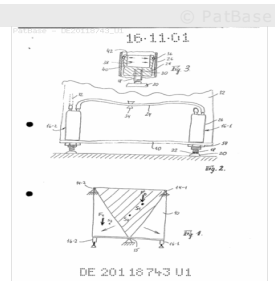
70) Family number: 28471775 (DE20118743U1)

LEVELING HEAVY BUILT-IN DOMESTIC APPLIANCES BY USING INTERCONNECTING TWO REAR SUPPORT LEGS CONTAINING PISTONS WITH INCOMPRESSIBLE FLUID

Abstract: Source: DE20118743U1 The two front legs (14) are adjusted by screwing threaded rods to set the front of the machine level whilst the two interconnected back legs (16) will move the fluid to create a virtual single leg (15) by means of stiff pistons within cylindrical housings.

Probable Assignee: AZ AUSRUEST ZUBEHOER GMBH

Earliest Publication Date: 20030403



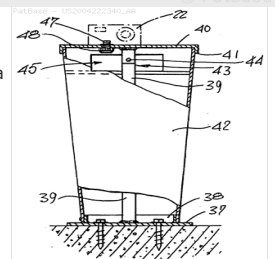
71) Family number: 28532878 (US2004222340A)

CAMERA MOUNT

Abstract: Source: US2004222340A A camera mount intended for an essentially permanent fixing to the ground at a chosen site such as at a scenic view or theme park to facilitate self-photography has a base member for bolting to the ground, such as to a concrete plinth. A column upstands from the base and carries at its upper end a camera platform having an upper camera mounting surface. A rotatable standard camera mount screw projects from the camera mounting surface whereby a camera may be secured thereto. The camera mounting surface may be adjustable at least about a horizontal axis to permit framing when taking a photograph.

Probable Assignee: RICHARDSON PAUL W

Earliest Publication Date: 20041006



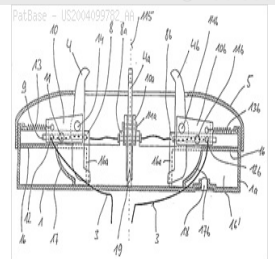
72) Family number: 28579630 (US2004099782A)

HOLDING DEVICE

Abstract: Source: US2004099782A The invention relates to an improved holding device for receiving pole-shaped objects, especially trees, Christmas trees for example. The inventive device has the following characteristics: at least one component of the holding elements (4-4c; 104-104c) and the swivel axes (7-7c; 114-114c) associated thereto can be moved towards and away from the axis of symmetry and/or central axis (115), and the holding elements (4-4c; 104-104c) and the swivel axis or tilting axis (7-7c; 114-114c) associated thereto can be moved by means of the clamping device (2; 102), against the force of a spring device (10; 13).

Probable Assignee: KRINNER INNOVATION GMBH

Earliest Publication Date: 20001221



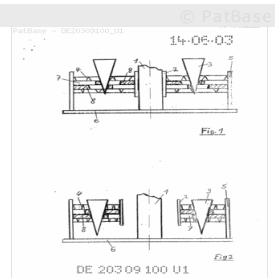
73) Family number: 29000780 (DE20309100U1)

STAND IS FOR VERTICAL ACCOMMODATION OF BAR-SHAPED MATERIALS AND HAS BASEPLATE ON WHICH AT LEAST TWO CLAMP JAWS ARE ARRANGED IN HORIZONTAL PLANE FOR ACCOMMODATION OF BARS

Abstract: The stand (5) is for vertical accommodation of bar-shaped materials and has a baseplate (6) on which at least two clamp jaws (2) are arranged in a horizontal plane for accommodation of the bars. At least one clamp jaw is movable outwards and the clamp jaws are opened with the aid of a wedge (3). The wedges can be used simultaneously connected. A double guide is used with a double wedge of a groove thruster (8). A wedge is provided with a simple lateral guide for a spring (4).

Probable Assignee: MLAKAR GUENTER

Earliest Publication Date: 20030807



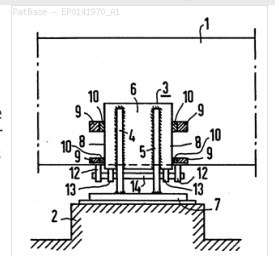
74) Family number: 29193896 (EP0141970A1)

SUPPORTING ARRANGEMENT FOR HORIZONTALLY DISPOSED PRESSURE VESSELS.

Abstract: 1. A supporting arrangement for horizontally disposed cylindrical pressure vessels (1), particularly but not exclusively, for corresponding pressure vessels in steam power installations, said arrangement consisting of a boiler support disposed between the vessel and the base plate with a boiler supporting shell (6) acting as a shell-like supporting surface with side edges (8) running at right angles to the longitudinal extension of the vessel, wherein for axial fixing the vessel is connected to the boiler support at a plurality of locations with the help of retaining elements which are welded to the vessel and act on the side edges of the boiler supporting shell, characterised in that the retaining elements are in the form of multi-layer built-up welds (9) with a contact face running parallel to the side edges (8) of the boiler supporting shell (6), a shim (10) being inserted between each built-up weld (9) and the associated side edge (8) of the boiler supporting shell and being secured by means of a holder (11) fastened to the boiler support; and in that in order to secure the vessel (1) against rotation, eyes (12, 13) are welded coaxially on the wall of the vessel and the boiler supporting shell through which eyes a shaft (14) is inserted which cannot be rotated.

Probable Assignee: KRAFTWERK UNION AG

Earliest Publication Date: 19850404



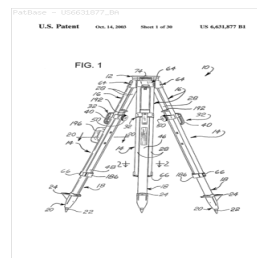
75) Family number: 29212120 (US6631877B)

SURVEYING EQUIPMENT SUPPORT LEGS

Abstract: Source: US6631877B A surveying equipment support leg used with a support for supporting surveying equipment and the like is capable of mounting alternate ground engaging structures without removal of an existing foot on the leg. Attachment of the alternate structure is made rigidly at two points of connection on the foot. Other accessories such as weights to hold down the support can be attached. In particular, a spike may be attached to deeply penetrate the ground for use in certain soil conditions. The foot is molded and accurately adhered to the leg. As used together with other legs in a support, the foot is capable of attaching the legs together in a collapsed position for storage and transport of the support. The leg is connected to a head of the support in a sealed hinge which prevents damage to the hinge resulting in loss of rigid stability to the support.

Probable Assignee: SECO MFG CO INC

Earliest Publication Date: 20031014



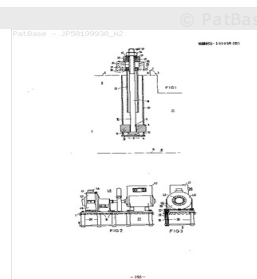
76) Family number: 29230134 (JP58199938A)

APPARATUS FOR BOOMING METAL BASE

Abstract: Source: DE3216232A1 DE-OS 2926414 discloses an anchorage for metallic bases (1) of containers or the like in which a pipe (22), through which a hammer head bolt (10) leads, projects through a hole (23) in the base (1) in order that side forces are transmitted by said base to the secondary concrete which fixes the pipe (22) in the region of an anchor with a hollow body. According to the invention, the hole (23) in the base (1) is so large that the hammer head bolt (10) can be fitted subsequently. This makes subsequent corrections possible and reduces the cost for installation.

Probable Assignee: KRAFTWERK UNION AG

Earliest Publication Date: 19831110



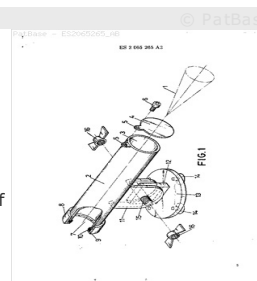
77) Family number: 29373749 (ES2065265A)

MANUAL DISPENSER OF PACKAGING FOR WAFER CONES

Abstract: The dispenser of the invention forms a device for supplying edible wafer cones for ice-creams together with a packaging or enveloping protective sleeve made of paper or the like, which will prevent any manual contact with the wafer cone during handling by the seller when the latter is serving an ice-cream to a customer or consumer. The dispenser is based on a tubular body 2 in which the packaging or protective sleeves 1 are stored, with the corresponding wafer cones, forming in each case a whole suitable for receiving the ice-cream. This tubular body 2 has a loading mouth 3 and a discharge mouth 7 in which there is an annular seal 10 for retaining the stack of packaging 1, said tubular body 2 being mounted so as to pivot with respect to a securing base 13.

Probable Assignee: FERNANDEZ CERVILLA MANUEL LUIS

Earliest Publication Date: 19950201



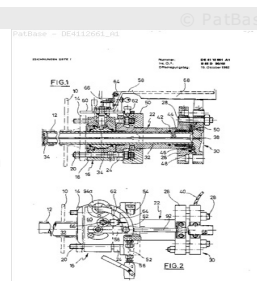
78) Family number: 29530787 (DE4112661A1)

MEASURING INSTRUMENT SUPPORT ESP. ON CONTAINER WALL - INCLUDES DOUBLE SEALED TUBULAR SHEATH AROUND PICK-UP CONNECTION PASSING THROUGH BALL COCK TO SIGNAL LINE TERMINATION

Abstract: Source: DE4112661A1 The housing (18) of the ball cock (16) is bolted (20) to a flange (14) at the end of a tubular feedthrough (12). A pick-up (34) within the container is connected (36) to a holder (30) for the termination (38) of an external signal line. The tube (32) surrounding the connection (36) is sealed (42) and packed (44) into a pipe (22) with a tap for venting to atmos. The ball cock (16) can be opened and closed by a hand lever (58) with a pin (62) through a slotted disc (60). USE/ADVANTAGE - E.g. for pressure or temperature measurement instrument. Instrument can be installed and removed without loss of liq. from beyond wall (10).

Probable Assignee: PFANNENSCHMIDT ERHARD ING GRAD 2000 HAMBURG DE

Earliest Publication Date: 19910529



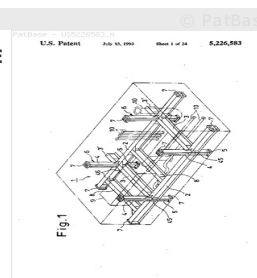
79) Family number: 29593602 (US5226583A)

MODULE FRAME WORK FOR LARGER STRUCTURE, METHOD AND DEVICE FOR ASSEMBLING MODULE FRAME WORK AND COUPLER FOR MODULE FRAME WORK

Abstract: Source: US5226583A A module frame work to which outfits are mounted is manufactured with high accuracy and is installed to a larger structure without adjustment operation. The module frame work comprises a pair of horizontal and mutually parallel main beams, a pair of beam members connecting the main beams, support columns vertically extending from each of junctions of the main beams with the beam members and at least a connector on an end of any of the main beams, beam members and support columns.

Probable Assignee: ISHIKAWAJIMA HARIMA HEAVY IND

Earliest Publication Date: 19920117



80) Family number: 29614164 (US5014946A)

HOLDING, RETAINING AND ADHERING MEANS

Abstract: Source: US5014946A A holding, retaining and adhering means comprises a holding member characterized by a flexible plate connected to the bottom surface of a comparatively rigid holding member at a fastening point located at an inner surface of the flexible plate. The flexible plate is adaptable to an unevenness of surface upon which it is placed such that when a tilting or tipping force is applied, a drawing-off force is likewise applied to the rigid holding member.

Probable Assignee: GRUBER BRUNO



PREFABRICATED MODULE AIR CONDITIONER

PatBas - US3766750_A

© PatBas

The drawing is a detailed cross-sectional view of a mechanical device, likely a pump or a valve. It features a central vertical shaft (1) passing through a series of components. At the top, there is a flange (2) and a seal (3). Below this, the shaft passes through a series of nested chambers or housings (4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18). The device is shown in a cross-section, revealing internal components such as a piston (11) and a valve (12). The drawing is labeled with various numbers and letters (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) to identify specific parts and features. The overall design suggests a complex, multi-stage mechanical assembly.

Earliest Publication Date: 19720713

PORTABLE I.V. STAND

PatBase - USA03227

© PatBase

Exploded view diagram of the PatBase system components, including the base unit, mounting bracket, and various screws and pins. The diagram shows the assembly of the base unit onto a wall or surface using the mounting bracket and screws. The base unit is labeled with 'PatBase' and 'USA03227'. The mounting bracket is labeled with 'PatBase' and 'USA03227'. The screws and pins are labeled with 'PatBase' and 'USA03227'.

Earliest Publication Date: 19890523

HOLDING DEVICE WITH ALTERNATING LENGTH GRIPPING FINS

Earliest Publication Date: 20030228

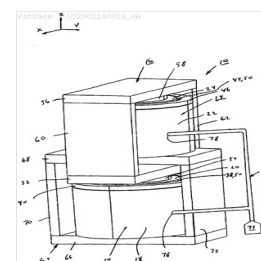
TRIPOD STABILIZER AND LIGHTED LENS CAROUSEL

Earliest Publication Date: 20020919

MULTIPLE CHAMBER FLUID MOUNT

Probable Assignee: NIKON CORP

Earliest Publication Date: 20021003



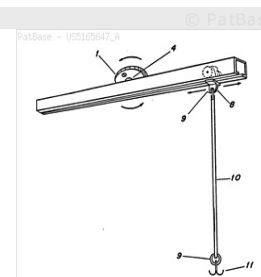
86) Family number: 30134772 (US5165647A)

EQUIPMENT FOR HOLDING A SERUM CONTAINER

Abstract: Source: US5165647A Equipment for a holding serum container is disclosed as including a vertical stem having in its lower end a hook to hold a serum container, the stem being horizontally displaceable by means of a slider which travels within a rotatable tubular structure linked to a hanger to eventually rotate the equipment which may be fixed to a room or vehicle ceiling.

Probable Assignee: RIBEIRO JOSE PIRES

Earliest Publication Date: 19920102



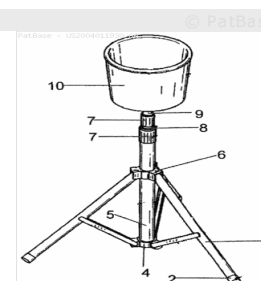
87) Family number: 30186555 (US2004011930A)

BUCKET SUPPORT DEVICE

Abstract: Source: US2004011930A The present invention provides a bucket support device comprising: (a) a stand; (b) a vertically disposed central telescoping rod, the rod comprising a first end attached to the stand, and a second end; (c) a horizontally disposed flat support platform, the support platform comprising a bottom surface stably attached to second end of the rod, and a top surface; (d) a bucket comprising a horizontal base and vertical side walls, the bucket horizontal base stably attached to the top surface of the support platform by a bucket attachment means; and (e) a bucket attachment means.

Probable Assignee: TOUHY JEANNIE

Earliest Publication Date: 20040122



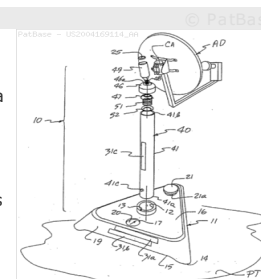
88) Family number: 30259023 (US2004169114A)

SATELLITE DISH ANTENNA MOUNT

Abstract: Source: US2004169114A In an array of cooperating parts useful to form a portable satellite dish antenna mount base an assortment of attachments is provided to secure the base to a marina storage box, structural elements of a stabilized recreational vehicle and also to ground. At the same time the interface between the base and the mount itself may be tapered along interfering tapers to render the assembly and disassembly convenient. Once assembled an end mounting post on the mount is aligned to a vertical alignment with the assistance of a bubble level in the post end to support the dish antenna thereon. The base may further include a magnetic compass to aid in the antenna alignment.

Probable Assignee: RACK FACTORY INC

Earliest Publication Date: 20040127



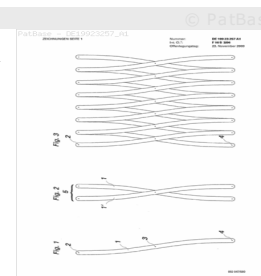
89) Family number: 30271155 (DE19923257A1)

ADJUSTABLE EXPANDING FRAME FOR SUPPORTING CAMPING TABLES OR FOR USE AS DRYER FOR WASHING CONSISTS OF LEGS JOINED TOGETHER AT ENDS AND IN MIDDLE SO THAT THEY CAN PIVOT, END LEGS BEING CONNECTED TO ENCLOSING CENTRAL SPACE

Abstract: The adjustable expanding frame consists of legs joined together so that they can pivot at the ends (2, 4) and in the middle. The frame can be bent round and the end legs connected so that a frame enclosing a central space is produced.

Probable Assignee: WALD SABINE

Earliest Publication Date: 20001123

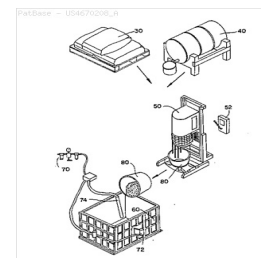


90) Family number: 30419377 (US4670208A)

METHOD OF MANUFACTURING MACHINE SUPPORTS BY MEANS OF CONCRETE POLYMER

Abstract: Source: US4670208A High-quality machine parts, e.g. machine supports, are manufactured of concrete polymer on the basis of methacrylate monomer polymerizing at room temperature and of aggregates. The monomer used has a dynamic viscosity of less than 10 mPas 10cP, preferably of 1-10 mPas 10cP. The admixed starter system comprises an organic peroxide and an aromatic tertiary amine, the latter being dissolved in the methacrylate monomer.

Probable Assignee: KOBLISCHEK PETER PARKSTRASSE 15 D 6000 FRANKFURT MAIN 1



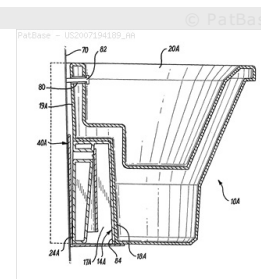
91) Family number: 30718207 (US2007194189A)

ARTICLE MOUNTING APPARATUS

Abstract: Source: US2007194189A Article mounting apparatus is provided for mounting an article such as a plant container to a support such as a lamp post. The apparatus includes a first bracket for mounting to a support, and a second bracket associated with the article. The first and second brackets are arranged to be mountable together to an engaged position by mutual relative movement in a first direction, and movable from the engaged position to a locked position by mutual relative movement in a second direction, the second direction being different to the first direction. The first and second brackets are arranged so that in the locked position, mutually relative movement of the brackets in a direction substantially opposite to the first direction is substantially prevented.

Probable Assignee: PLANTScape LTD

Earliest Publication Date: 20051110



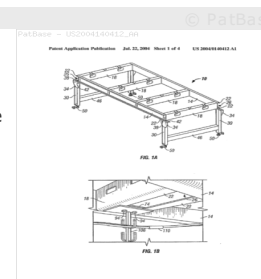
92) Family number: 30734376 (US2004140412A)

MODULAR SUBSTRUCTURE FOR MATERIAL HANDLING

Abstract: Source: US2004140412A A structural frame assembly that is adapted to support a chute of a sorting machine, the frame assembly including two laterally spaced beams and at least one cross-beam interconnecting the two laterally spaced beams, the beams and the at least one cross-beam including a projecting edge thereon.

Probable Assignee: LOCKHEED MARTIN CORP

Earliest Publication Date: 20040722



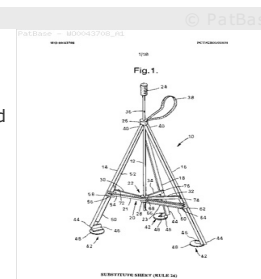
93) Family number: 31034935 (WO0043708A1)

COLLAPSIBLE SUPPORT

Abstract: A collapsible support (140) movable between a transport configuration and a support configuration comprises, in one embodiment of the invention, a structural member (144), three legs (14, 16, 18) pivotally coupled at an upper end to a coupling (26) which is movable relative to the structural member (144), and a step (142) coupled between two of the legs (14, 16) and which, when the support (140) is in the support configuration, serves as a raised platform for an operator to stand upon. A means for extending the legs comprises a lower collar (28), fixed to the member (144), and three spacers (30, 32, 34), each pivotally coupled to a respective leg (14, 16, 18) and to the collar (28), for moving the support (140) between the transport and support configurations.

Probable Assignee: HOGARTH STANLEY

Earliest Publication Date: 20000727



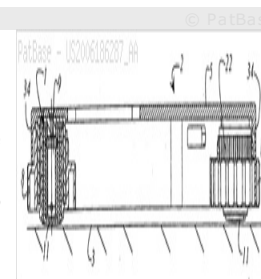
94) Family number: 31151280 (US2006186287A)

HEIGHT-ADJUSTING DEVICE AND SUPPORT FOR OPTICAL SYSTEMS, WHICH COMPRISES HEIGHT-ADJUSTING DEVICES

Abstract: Source: US2006186287A A device for adjusting the height of an arrangement 2 relative to a mounting surface 3 is disclosed. Height-adjusting device 1 is designed so that during height adjustment no friction takes place as a result of rotation of the contact sites of the height-adjusting devices 1 with the mounting surface 3. Height-adjusting device 1 consists of a rotary wheel 8, a socket 9 and a foot 11. The height adjustment of rotary wheel 8 and foot 11 relative to the stationary socket 9 occurs in telescopic manner. Height-adjusting device 1 is designed so that the foot 11 undergoes a displacement twice as large as does rotary wheel 8. A support (30) for an optical system is provided with several height-adjusting devices 1 connected with the bottom 5 of a base 31 of the support 30. On the support 30 there are provided a left and a right hand rest 31 a and 31 b which are fastened to the base 31 of the support 30 by means of a hinge 32 so that independently of the height adjustment of the support 30, the edges 32 a of the left or right hand rest located opposite the hinge always rest on the mounting surface 3.

Probable Assignee: LEICA MICROSYSTEMS CMS GMBH

Earliest Publication Date: 20041007



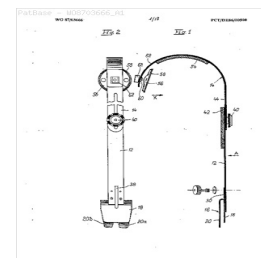
95) Family number: 31166014 (WO8703666A1)

EVER-READY HOLDER FOR PORTABLE DEVICES PROVIDED WITH A VIEWING SYSTEM

Abstract: An ever-ready holder (10) for portable devices (78, 374, 388, 389) provided with a viewing system, such as still, cine or video cameras, which can be carried over the shoulder and is provided with a support portion (14) which can be releasably connected with the device or devices to be carried, is designed in such a way that the support portion is designed with a U-piece (14) for passing over the shoulder between the chest and back, with which is connected at an adjustable distance a securing piece (16) that can be releasably connected to the clothing.

Probable Assignee: TOEROEK SZ

Earliest Publication Date: 19860220



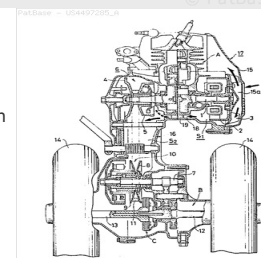
96) Family number: 31168924 (US4497285A)

COOLING STRUCTURE FOR INTERNAL COMBUSTION ENGINE

Abstract: Source: US4497285A A cooling structure for an internal combustion engine, comprises a crankcase for housing an engine crankshaft, a cover defining a cooling chamber between the cover and the crankcase and a transmission case integral with the crankcase. The structure comprises communication passages communicable with the cooling chamber and the transmission case chamber for providing air from the outside through the communication passages to the transmission chamber to suppress the overheating of the transmission unit.

Probable Assignee: HONDA MOTOR CO LTD

Earliest Publication Date: 19830302



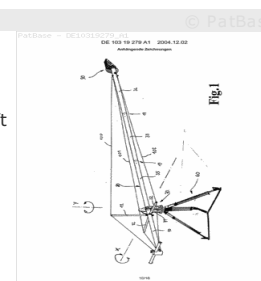
97) Family number: 31369440 (DE10319279A1)

LIFT ARM SYSTEM FOR IMAGE RECORDER E.G. CAMERA, HAS EACH LIFT ARM MEMBER FORMED OF TUBING MATERIAL INTERNALLY FORMED WITH BARS

Abstract: Source: DE10319279A1 A lift arm (80), supported on a horizontal axis through a swivel joint (70), has lift arm members (10,35,36) connected together. Each lift arm member is formed of tubing material integrally formed with bars.

Probable Assignee: MELA INDUSTRIEPRODUKTE GMBH

Earliest Publication Date: 20041202



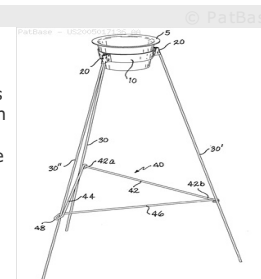
98) Family number: 31487663 (US2005017136A)

TRIPOD SUPPORT STAND

Abstract: Source: US2005017136A A tripod support apparatus comprises an open collar having three leg receivers extending outwardly from the collar in spaced apart positions. Each of three support legs is removably engaged with one of the leg receivers at an upper end, with the support legs depending downwardly from the leg receivers, thereby supporting the open collar at a desired position above a support surface. A leg brace assembly engages the support legs medially so as to brace the support legs in a downwardly divergent stance. With the legs disengaged from the collar, the brace assembly is able to be folded to allow the three legs to assume positions in a common plane for shipping, storage and improved portability.

Probable Assignee: BOWER NECIA D

Earliest Publication Date: 20050127



99) Family number: 31490080 (DE202004016303U1)

UNDERSEATING FOR A HOLDER IN PARTICULAR FOR A CHRISTMAS TREE STAND HAS A BASE PLATE ON WHICH IS FITTED A ROTATABLE SURFACE AND INSTALLED WITH ELECTRICITY IN ORDER TO TURN THE SURFACE

Abstract: Source: DE202004016303U1 The underseating comprises a base plate (1) on which is fixed a rotatable surface(9) on which the Christmas tree stand is stood. It is installed with electricity in order to turn the surface. The casing (2) contains an electric motor with a shaft coupled to the surface by means of a gear tooth. A mechanical clock which plays music as it turns or other decorative electronic elements can be attached to the surface.

Probable Assignee: PETRO WOLFGANG

Earliest Publication Date: 20041230

