

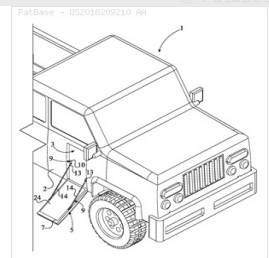
1) Family number: 70562618 (US2018209210 AA)

SYSTEM OF VEHICULAR ACCESS FOR A PET

Abstract: Source: US2018209210 AA The system of vehicular access for a pet is an apparatus that allows a pet to enter and exit a vehicle without any assistance from a user. The apparatus includes a vehicle, a pet door, at least one door actuator, a control unit, at least one control panel, and a power source. The vehicle transports the user, passengers, and the pet. The vehicle includes a main door and an access opening. The access opening allows the passage of the pet into and out of the vehicle through the main door. The pet door closes and opens the access opening. The at least one door actuator allows the user to automatically operate the pet door. The control unit processes the commands from the at least one control panel which are inputted by the user with the at least one control panel. The power source provides the necessary power to the at least one door actuator.

Probable Assignee: ARNDT THOMAS TERRY

Earliest Publication Date: 20180726



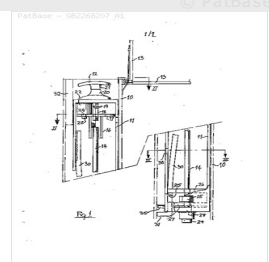
2) Family number: 7227406 (GB2268207 A1)

A VEHICULAR ACCESS PREVENTION POST

Abstract: Source: GB2268207 A1 A vehicular access prevention post comprises a rigid tube (10) to be situated beneath the ground in a generally upright position, a post (11) of similar length slidably located within the tube (10) and a locking handle (12) and push button lock (22) to lock the post in either a raised or lowered position with respect to the tube (10). The locking handle (12) is connected to a vertical spindle (14) having a radial locking arm (15) at its bottom end, by means of a shear pin (18) having a weakened zone (19) adapted to shear the pin if the handle is forcibly rotated, thus to prevent rotational movement of the vertical spindle (14). An outwardly projecting lug (31) at the bottom of the post engages a spacer (32) at the top of the tube to prevent complete removal of the post, and a resilient buffer (29) prevents damage to the assembly if the post is inadvertently dropped within the tube.

Probable Assignee: REARDON RAYMOND JOHN

Earliest Publication Date: 19940105



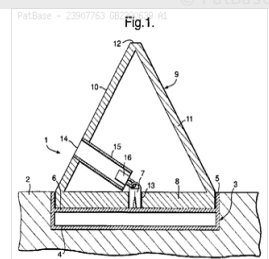
3) Family number: 23907763 (GB2390639 A1)

A DEVICE FOR PROTECTING A LOCKABLE FASTENER FROM TAMPERING

Abstract: Source: GB2390639 A1 A vehicular access hindering system (1) includes a base frame (3) set into the ground (2) and a vehicle obstacle (9) which can be set into the frame (3) and be locked thereto. The frame (3) includes a ring (7) which extends upwards through a slot (13) in the bottom of the obstacle (9), when it is set into the frame (3). An aperture (14) is provided in a cover (10) of the obstacle (9) to allow a users hand and arm to extend into the obstacle (9) to gain access to the ring (7) extending through the slot (13) so as to be able to lock or unlock a padlock (16). In order to reduce free movement of the persons hand and arm within the obstacle (9), a tube (15) extends generally between the aperture (14) and the slot (13) so that use of unauthorized devices, such as tools, to try to open the padlock by illegal means is prevented, or at least hindered.; The obstacle (9) may be pyramidal in shape, or may be hemispherical, or of other shape, and of a size suitable to allow a rear portion of an unauthorized vehicle, such as a lorry, from reversing over it, but such as to grate against mechanical parts, such as a rear axle, under the vehicle or to allow the vehicle to ride up onto the obstacle to lodge thereon, so as to deter an unauthorized vehicle from attempting to enter an area where the obstacle is situated.

Probable Assignee: PERFECT GARDENS LONDON LTD

Earliest Publication Date: 20040114



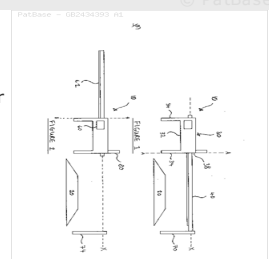
4) Family number: 32765526 (GB2434393 A1)

BARRIER SYSTEM FOR RESTRICTING VEHICULAR ACCESS TO A ROADWAY

Abstract: Source: GB2434393 A1 The barrier system, particularly for selectively restricting access to a site, comprises a support 30 for mounting by a roadway and an elongate arm 40 mounted on the support to enable linear reciprocal movement between a first position where it extends from one side of the support to block vehicle access and a second position where the arm extends from the opposite side of the support and vehicle access is permitted. The support is preferably designed to maintain a predetermined spacing between the arm and the road, the arm being cantilevered out from the support. The support preferably comprises a bearing assembly formed from one or more rotatable elements which support the arm and a motor to move the element between the first and second positions. The barrier may include an additional support 70 configured to receive a leading end of the arm when it is in the first position.

Probable Assignee: STRONGARM LTD

Earliest Publication Date: 20070725



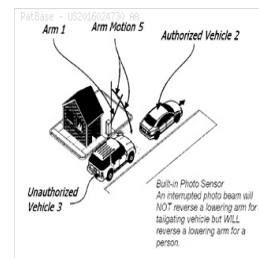
5) Family number: 57412988 (US2016024730 AA)

VEHICULAR ACCESS BARRIER ARM APPARATUS AND RELATED METHODS

Abstract: Source: US2016024730 AA Methods and apparatus are disclosed for helping to prevent vehicular barrier gate arms from lowering in certain situations (such as if an obstruction such as a person is present), while not impacting the primary operation and function of the barrier arm (which is to lower the arm to prevent unauthorized vehicles from entering/exiting an area).

Probable Assignee: RICHMOND THOMAS R

Earliest Publication Date: 20140918



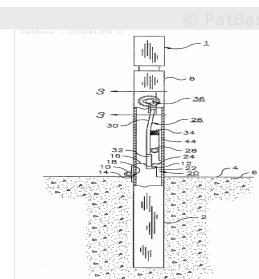
6) Family number: 12100506 (US5441359 A)

COLLAPSIBLE VEHICULAR BARRIER

Abstract: Source: US5441359 A A collapsible barrier for controlling vehicular access to parking areas and transitways, comprises a base and an elongated post hinged to the base. A first latch member fixed to the base engages a second latch member to secure the post in an upright obstructing position. The second latch member is located within the post and hinged to rotate about an axis parallel to the post hinge axis. An actuator, accessible from the exterior of the post, swings the second latch member in a direction to disengage it from the first latch member. A spring, operating in conjunction with camming surfaces on the latch members, provides for automatic reengagement when the post is rotated into the obstructing position.

Probable Assignee: FILIPPI BROTHERS INC

Earliest Publication Date: 19950815



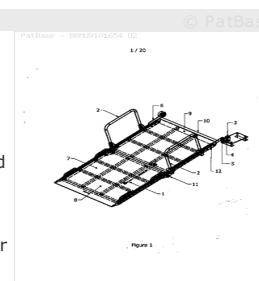
7) Family number: 54551401 (BRMU9101654 U2)

MOUNT DEVICE PLACED IN VEHICULAR ACCESS RAMP MANUAL (MACHINE TRANSLATION)

Abstract: Source: BRMU9101654 U2 1 Summary "Device Installation introduced in manual vehicular access ramp" Its efficient and innovative goals improvements in this type of equipment, developed to provide access (boarding 5 and landing) to the interior of urban transport vehicles with safety and comfort the physical disabled passengers and wheelchair User, people with difficulty moving and still, handicapped Standing, through various improvements in articulated ramp for accessibility in urban transport vehicles, 10 improvements these, in order to provide Maximum security to users and respect for vehicular accessibility ramp, dealing with a solution of evolutionary nature whose outcome practice obtained reports for a differentiated and effective condition of use, for better safety and passenger comfort. 15 20 25

Probable Assignee: ALEXANDRE HAIDO PECAS AUTOMOTIVAS ME

Earliest Publication Date: 20130806



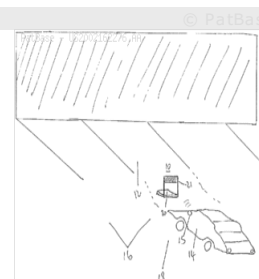
8) Family number: 28326926 (US2002162276 AA)

ANTI CAR-THEFT DEVICE

Abstract: Source: US2002162276 AA A device for prevention of theft of a vehicle and for keeping a parking space for a vehicle when the vehicle is not parked in the space. The device is a collapsible barrier controlled by a remote control. It has a novel mechanism of protecting accidental damage to cars and to the barrier itself. Protection is afforded by means of a biasing element built into the device which gives way when accidentally hit by an approaching car and then automatically returns to a vertical position. When the vehicle with the remote control approaches and is about to hit the barrier a warning alarm is sounded, or in another embodiment of this invention, the remote sensor in the device is automatically lowered when it senses the approaching vehicle. In another embodiment of this invention the collapsible barrier is secured onto a ceiling above a parking surface enabling a convenient electric source for the devices and easier maintenance and central control over numerous barriers placed in a large parking facility.

Probable Assignee: BITON EYAL

Earliest Publication Date: 20021107



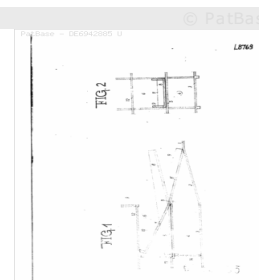
9) Family number: 16285738 (DE6942885 U)

FOR A HORIZONTAL AXIS SWIVEL RAMP (MACHINE TRANSLATION)

Abstract: Source: DE6942885 U (Claim 1) S c hutzansprueche I. To a horizontal axis pivoting ramp for vehicular access to the upper garage space of a two-level garage, marked 1 chnetdurch a minimum of two driving surface strip having two-arm lever (8), the @ to rotary axis (7) in the middle of its length, lies, and that is so balanced that its a lever arm (8 ") in the unloaded Z @ was the lever (8) a retraction in the upper garage space 'fi6) permits, and the fact that controllable means (13 are planned), the unloaded lever (8) to pivot in a substantially horizontal plane.

Probable Assignee: LANGMANN ALFRED ING

Earliest Publication Date: 19700226



10) Family number: 30746567 (US2004213658 AA)

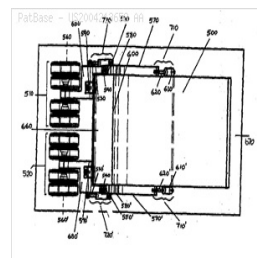
TOW HITCH ARRANGEMENT

Abstract: Source: US2004213658 AA A tow hitch assembly for attachment to a towing vehicle. The tow hitch assembly includes a tow hitch arm, attachment means, positioning means and lifting means.

Probable Assignee: JUSTOY PTY LTD

PatBase - US2004213658 AA

Earliest Publication Date: 20040715



11) Family number: 73620201 (CO20180001166 U1)

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VEHICULAR ACCESS ARM OF FLEXIBLE PLASTIC WITH RELEASE MECHANISM AND/OR IMPACT SENSOR (MACHINE TRANSLATION)

Abstract: Source: CO20180001166 U1 The invention is developed in the areas of security, access and car parks. The invention relates to an arm for entry and exit of parking lots and car parks, which has led light, made of flexible plastic, which at the time is struck by a vehicle, not resists, but on the contrary, opens in the direction of the coup because it has a mechanism that releases the arm, and additionally, it has an opening sensor that indicates the time at which the vehicle hits the arm.

Probable Assignee: CONTROLES INTELIGENTES SAS

Earliest Publication Date: 20190208

12) Family number: 47431973 (AU2009101341 AD)

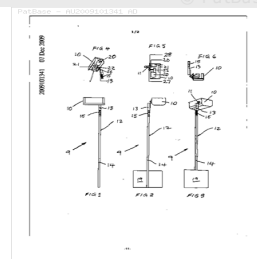
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CAR PARK RESERVING APPARATUS

Abstract: Source: AU2009101341 AD A car park reserving apparatus is provided for mounting to a ceiling above a parking space. The apparatus has a housing containing a drive and a controller for operating the drive. An arm which carries a sign is moved by the drive between a first position inhibiting access to the parking space and a second position allowing vehicle access to the parking space.

Probable Assignee: HENDERSON DAVID

Earliest Publication Date: 20101014



13) Family number: 34089906 (US2007068079 AA)

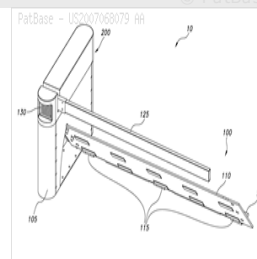
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VEHICLE BARRIER CONTROL DEVICE

Abstract: Source: US2007068079 AA A vehicle barrier control device for limiting vehicular access to an area. The vehicle barrier control device includes a barrier system having an active position and a passive position and a control system adapted to move the barrier system between the active position and the passive position. In the active position, the barrier system prevents vehicles from passing through. In the passive position, vehicles are permitted to pass through. The barrier system includes a buttress, movable barrier plate, traffic control arm and a traffic indicating light. The control system comprises a traffic arm motor, programmable logic controller, variable frequency drive, and actuator. The barrier system is temporarily bolted to a sub-frame set in concrete. An actuator motor mounted to an actuator reduces the need for typical hydraulic components. Using a variable speed and reversible actuator motor the present invention provides high-speed movements of the barrier plate for emergency conditions.

Probable Assignee: SECUREUSA INC

Earliest Publication Date: 20070111



14) Family number: 44105408 (NZ579097 A)

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BARRIER ENCLOSURE WITH MOVABLE BARRIER ARM

Abstract: Source: NZ579097 A A barrier for selectively preventing vehicular access to unauthorised areas, the barrier includes i) a substantially horizontally extending elongate housing situated on at least one vertical extending support means 15 such that the elongate housing is in a raised position a distance above the surface to which the support means 15 is situated, ii) at least one elongate beam 12 having at least one roller 18 attached to the elongate beam 12 so as to support and allow the elongate beam 12 to slide relative to the elongate housing, wherein the elongate beam 12 is movable between a closed position and an open position such that when the elongate beam 12 is in the open position the elongate beam 12 is fully housed within the elongate housing and when the elongate beam 12 is in the closed position the beam 12 extends longitudinally outwardly from the elongate housing, and iii) a drive means 26 for moving the elongate beam 12 between the closed and open positions.

Probable Assignee: COLIN SMITH

Earliest Publication Date: 20091030

15) Family number: 3875966 (FR2454505 A1)

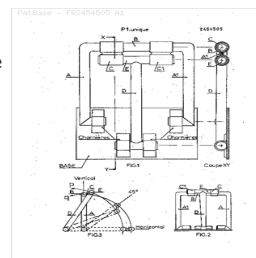
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PIVOT DOWN BARRIER WITH INCLINED SELF-DEPLOYING PROP - IS IN FORM OF PIN JOINTED ARM WITH ELBOW JOINT OR WITH HEAD CONNECTED CRANKED AXLE

Abstract: Source: FR2454505 A1 The barrier used to close off streets with limited vehicular access, stands upright or folds flat onto the carriageway, being atomically stayed in the former position. The stay comprises a pin jointed arm with an elbow joint or with its head is mounted on a cranked axle, this arrangement accommodating the change in effective arm length without recourse to sliding connections or fittings. A partic. barrier may use an inverted 'U' shaped panel of which square internal leg end returns are strapped rotatably to a base plate. An 'I' shaped prop or stay fits inside the collapsed panel, its top bar offset below the rail, and its bottom bar set at somewhat greater distance below the leg returns. The ends of bar are also strapped rotatably to the base, and double sleeve links connect the ends of bar to the rail.

Probable Assignee: CHAPPUIS MARC

Earliest Publication Date: 19801114



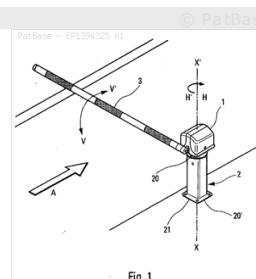
16) Family number: 30311719 (EP1394325 A1)

LIFT-OFF BARRIER FOR VEHICLE ACCESS CONTROL

Abstract: Source: EP1394325 A1 The vehicular access control barrier (3) is mounted to rotate in a vertical plane (VV). A safety mechanism allows the head (1) which carries the barrier to rotate in a horizontal plane (HH), against an adjustable frictional force. The access control barrier for vehicle includes a mechanical head (1) mounted on a support (20), carrying the barrier itself (3) mounted to rotate in a vertical plane (VV). A safety system allows the arm to be lifted again in the event of collision with a vehicle. A further mechanism allows the head (1) to rotate in a horizontal plane (HH). A frictional link between the head (1) and the support (20) allows rotation in the horizontal plane in the event of a collision, with an adjustment provided for the degree of force necessary to initiate this rotation. This adjustment is provided by two surfaces which have a low coefficient of friction between them, with a compression system pressing the surfaces together in order to provide the necessary friction to oppose rotation.

Probable Assignee: ERO IND

Earliest Publication Date: 20040213



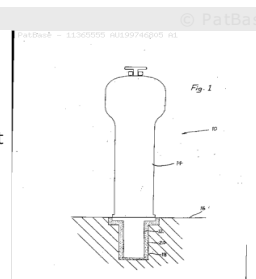
17) Family number: 11365555 (AU199746805 A1)

AN IMPROVED BOLLARD

Abstract: Source: AU199746805 A1 A removable bollard assembly (10) has a socket (12) adapted for anchoring to a surface (16) and a bollard post (14) including an anchor shaft (24) with an enlarged head portion. The enlarged head portion (26) is adapted to be received within a cavity (63) formed in the socket (12) and be moved from a first position within the cavity (63) where the enlarged head portion (26) can move freely into and out of the cavity (63), thereby enabling disconnection of the bollard post (14) from the socket to a second position within the cavity where the enlarged head portion (26) cannot move freely into and out of the cavity. The anchor shaft (24) further consists of a rotatable pin member (32) with which the enlarged head portion (26) is able to rotate and a rotatable tubular member concentrically surrounding the pin member. The tubular member is connected to the pin member (32) by means, such as an engaging nut enabling both the pin member (32) and tubular member (30) to be independently rotatable but simultaneously movable along their shared longitudinal axis. Also, there are locking means (42, 53, 55, 57) for preventing the rotation of the tubular member. The enlarged head portion (26) is moved from its first position to its second position by longitudinal rotation of the pin member and the enlarged head portion (26) is locked within the cavity (63) by actuating the locking means (42, 53, 55, 57) to prevent rotation of the tubular member whereby the bollard post (14) is unable to be disconnected from the socket (12). 26/11/97

Probable Assignee: JOHN ROACH

Earliest Publication Date: 19990617



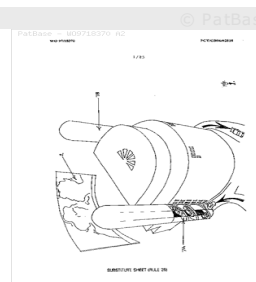
18) Family number: 20485083 (WO9718370 A2)

ENTERTAINMENT BUILDING ARRANGEMENT

Abstract: Source: WO9718370 A2 An entertainment building arrangement comprising means for the display of an event to be viewed, and a stand (1) comprising tiered decks (1a, 1b, 1c, 1d) for receiving parked vehicles in rows facing the event such that the vehicle occupants can view the event.

Probable Assignee: GOUGH MURRAY H C

Earliest Publication Date: 19970522



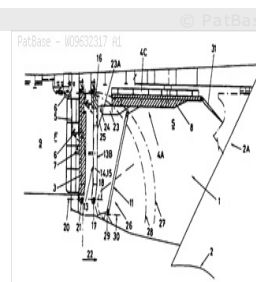
19) Family number: 34653962 (WO9632317 A1)

DEVICE AT A SHIP

Abstract: Source: WO9632317 A1 The invention relates to a device for a ship (2) which exhibits a pivotally mounted door element (3) so arranged as to function as a door in an upward-pivoted covering position in an opening (4) in the ship (2), and as a ramp in a downward-pivoted position affording passage. A movably supported further ramp component (8) is so arranged as to be capable of displacement between a raised stowed position close to the upper part of the opening and essentially horizontal and perpendicular in relation to the door element (3) and an extended ramp position to permit loading and unloading respectively. The externally situated ramp component (8) is movably supported separated from the door element (3). The invention offers considerable protection against the door (3) suffering damage as a consequence of the ramp being forced inwards against the ship (2), for example in the event of damage to the bow visor/bow doors or in the event of a collision, in that the door (3) has been separated from the ramp (8), and yet it still permits them to interact with one another to form a common vehicular access ramp (10) when necessary.

Probable Assignee: HAMWORTHY KSE AB

Earliest Publication Date: 19961011



20) Family number: 1432197 (CH564652 A)

TEMPORARY BARRIER RING FOR PARKING SPACES - HAS ANCHOR WITH SLOTTED GUIDES FOR HORIZONTAL AND VERTICAL POSITIONS

Abstract: Source: CH564652 A The temporary barrier is used for blocking of parking spaces and roads. The barrier has a fixed anchor held in the ground and the barrier ring is elevated and lowered between a horizontal and vertical position. The barrier ring (4, 5) pivots in a vertical slot in the anchoring support side plates and has a supporting bracket (6) which is pivoted in the slot (3) of the support anchor plates. The barrier can be locked into the vertical position by placing a padlock (13) through the hole (12) in the anchor plates. This arrangement prevents any unauthorised adjustment of the barrier ring. In plan view the barrier ring is a circle bent from a tube reinforced by a web (5).

Probable Assignee: MORET ROLLAND

Earliest Publication Date: 19750731

