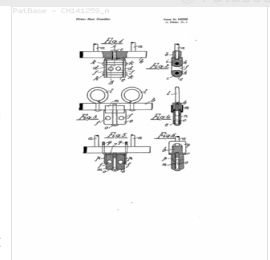


1) Family number: 25605873 (CH141259A)

GARDINEN-ZUGVORRICHTUNG. CURTAINS-TOW. (MACHINE TRANSLATION)

Abstract: Source: CH141259A PATENTANSPRUCH: Gardinen-Zugvorrichtung, dadurch gekennzeichnet, dass an den die Schnurfuehrung haltenden Traggliedern ein Fuehrungskoeper angebracht ist, welcher mit zwei an den Raen dern ausgerundeten, als Fuehrungsoesen fuer die Zugschnuere dienenden Loechern versehen ist. UNTERANSPRUECHE 1. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass der in der Grundform rechteckige Fuehrungs koerper, welcher mit zwei an den Raen dern ausgerundeten, parallel zu seinen Schmalkanten verlaufenden Fuehrungs oesen (f) versehen ist durch die letzteren kreuzende Niete oder Schrauben am Tragglied befestigt ist. 2. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, da.ss der schmale rechteckige Fuehrungshoerper (e) zwischen den Schenkeln (d) eines Buegels mit zwei Quernieten (i.) ruht und das Joch des Buegels (d) mit dem Wand eisen (b) vernietet ist. 3. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass der rechteckige Fuehrungskoeper (e) von den Schenkeln (m) einer H-foermigen Siche rungsleiste, welche auch die Seitenwan dungen des Wandeisen (b) uebergreifen, erfasst und durch eine Stiftschraube (o) im Wandeisen (b) gehalten ist. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass aus den Schenkeln des auf das Wandeisen and lt;I and gt;(b) and lt;/I and gt; aufgeschobenen Tragbuegels and lt;I and gt;(q, r) and lt;/I and gt; die Lappen (p) ausgestanzt und nach unten umgebogen sind, welche die Schmalsei ten des von einer Stiftschraube (o) durchsetzten und durch diese festge klemmten Fuehrungskoeper (e) uebergrei fen. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass der in den Lappen (p) gehaltene, mit ver breiterem Fuss (s) gegen Drehung gesi cherte Fuehrungskoeper (e) durch ein parallel zum Wandeisen verlaufendes Niet (i) in seiner Lage befestigt ist. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass in den mittelst vierkantiger Durchbrechnun gen auf das Wandeisen (b) aufschieb baren Tragbuegel and lt;I and gt;(q, r) and lt;/I and gt; ein mit seinen Schenkeln (t.) nach unten stehender Be festigungs buegel and lt;I and gt;(r, t) and lt;/I and gt; fuer den Fuehrungs koerper (e) eingesetzt ist, der durch zwei ihn und die Schenkel (t) durchsetzende. Nieten (i) in seiner Lage gesichert ist. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass der verbreiterte Fuss (s) des Fuehrungskoe pers (e) durch eine daran vorgesehene Laengsnut (v) die Seiten des Wandeisen (b) uebergreift und durch eine in letz terem mit Muttergewinde gefuehrte, dazu senkrecht stehende Stiftschraube (o) am Wandeisen (b) gehalten ist. B. Gardinen-Zugvorrichtung nach Patentan spruch. dadurch gekennzeichnet, dass der Fuehrungskoeper (e) unmittelbar an der Unterseite eines flachen Wandeisens (b) angelegt und an diesem durch zwei dazu senkrecht stehende Quernieten oder Schrauben (i) befestigt ist. 9. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass die mit Bohrungen and lt;I and gt;(f, x) and lt;/I and gt; zum Durchtritt fuer die Zugschnur versehenen Fuehrungskoe per (e, w) um feste Drehachsen derart drehbar am Wandeisen (b) aufgehängt sind, dass die unter dem Einfluss der an der Zugschnur wirkenden Kraft in die fuer das Verstellen der Gardinen guen stigste Lage auspendeln koennen. 10. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass die Fuehrungskoeper and lt;I and gt;(e, and lt;/I and gt; av) an Querzapfen and lt;I and gt;(i) and lt;/I and gt; eines Lagerbuegels and lt;I and gt;(d) and lt;/I and gt; ausschwenk bar gelagert sind. 11. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, da.ss die Schenkel des Lagerbuegels (d) aus den Aufsteckoesen bzw. Aufsteckdornen (1, d) ausgestanzt und nach unten ab gebogen sind. 12. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass die Fuehrungskoeper (e) fest in ihrem Buegel (d) angeordnet sind, welcher fuer sich um das im Querschnitt kreisrunde Wand eisen (b) ausschwenkbar gelagert ist. 1.3. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, da.ss der mit zwei parallelen Bohrungen (f) ver sehene Fuehrungskoeper (e) in eine nach unten stehende oese (w) uebergeht, deren Bohrung (x) die Fuehrungsloecher (f) senkrecht kreuzt, so dass der Fuehrungs koerper (e) in gleicher Form auf beiden Seiten der Gardinenstange anwendbar ist. 14. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass der Fuehrungskoeper (e, zo) an seinem obern Ende mit einer damit einen einheitlichen Koeper bildenden Lagerbuechse (5) ver sehen ist, die unmittelbar auf dem Wand eisen (b) drehbar sitzt. 15. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass zwischen dem Fuehrungskoeper (e) und den Aufsteckdornen oder Lagerhuelsen (a bzw. 1) der Gardinenstangen Ab standsringe (4) zur Sicherung der freien Beweglichkeit der Fuehrungskoeper and lt;I and gt;(e, and lt;/I and gt; -ii), angeordnet sind. 10. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass bei Verwendung vierkantiger Wandeisen zur leichten Drehbarkeit der Fuehrungskoe per (e, zo) innerhalb dieser eine metal lische Lagerbuechse (6) vorgesehen ist. 17. Gardinen-Zug-vorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass die freie Beweglichkeit der Fuehrungskoe per sich ernde Abstandshalter durch auf die Wandeisen (b) aufgeschobene Buegel (7, 8) gebildet sind, deren Joch (8) den oesen der Gardinenstange als Auflage dient. 18. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass in an Tuer- und Fensterleibungen an schraubbaren Buegeln ausser den damit fest verbundenen Aufsteckdornen und Halteoesen fuer die Gardinenstangen (14) die Fuehrungskoeper (e, w) fuer die Zug schnuere pendelnd aufgehängt sind. 19. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass in den Schenkeln (11) der Traegerbuegel in Querschlitzen (17) einstellbare, mit Schraubkopf (18) versehene Querbolzen (19) angebracht sind, die zur Lagerung der oese (13) der Gardinenstange (14), sowie zu deren Sicherung gegen Abheben dienen. 20. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass der Aufsteckdorn (a) mit einer zwischen den Schenkeln (11) angebrachten Querplatte (12) aus einem einheitlichen Blechkoer per besteht. 21. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass die nach unten sich keilfoermig verjuengende Lageroese (16) fuer das kreisrunde Stan geierde in einer aus der Querplatte (1`L) nach oben aufgebogenen 'Pragplatte (15) angebracht ist. 22. Gardinen-Zugvorrichtung nach Pateidan spruch, dadurch gekennzeichnet, datl zur Bildung der Tragplatte (15) und deren Lageroese (16) die Schenkel (21) des an der Seitenleibung zu befestigenden Trae gers an der Vorderseite gegeneinander umgebogen sind. 23. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass der Aufsteckdorn (a) unmittelbar aus der nach vorne umgelegten Jochplatte (12) des Traegers aufgebogen und mit einer Verstaerkungsrille versehen ist. 24. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass der zur pendelnden Lagerung des Fuehrungs koers (e) dienende Buegel (d) mit einem aus seinem Joch herausgebogenen Halt buegel (23, 24) ueber den Aufsteckdorn ((r) fuer die Gardinenstange loesbar auf (las vierkantige Wand- oder Gardinen eisen (l aufgehängt ist.25. Gardinen-Zugvorrichtung nach Patentan- spruch, dadurch gekennzeichnet, dass der den pendelnd gelagerten Fuehrungskoe per (e bzw. ri,) haltende Buegel and lt;I and gt;(d) and lt;/I and gt; un mittelbar an der Gardinenstange selbst befestigt ist. 26. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass der Lagerbuegel (d) fuer den pendelnden Fueh- rungskoerper (e bzw. ur) unmittelbar auf eine,je das eine Ende der auszieh baren Gardinenstange (26, 27) erfas sende, zum Aufstechen auf das Wand eisen dienende Tragplatte (` ?9) mit sei nem Joch befestigt ist. 27. Gardinen-Zugvorrichtung nach. Patentan spruch, dadurch gekennzeichnet, dass vom Joch (35) des den Fuehrungskoeper (c) tragenden Buegels (d) ein nach oben ste hender Steg (34) mit wagreehtem Lap pen (390) abgebogen ist, der in den hohl- wulstartigen Oberflansch (32) der aus Stegschiene (30) und Laufflanseli (31) bestehenden Gardinenstange einsteckbar ist. 28. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass bei derseits des Joches (35) des Tragbuegels (d) fuer den Fuehrungskoeper nach oben stehende Lappen (39) aufgebogen sind, welche mittelst der QuerschnittsforrrL der Laufschiene (30, 31) angepasster Schlitze (40) auf die erstere aufschiebbar sind. 29. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass (las verlaengerte und verbreiterte Joch (35) des den Fuehrungskoeper (e) pendelnd haltenden Tragbuegels (d) nach

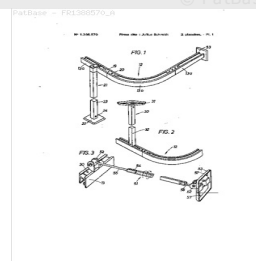


unten abgebogene Lappen (43) besitzt, die sich gegen die einander zugekehrten Lauf flanschen (31) einer zweistegigen Lauf schiene (30, 31, 42) der Gardinenstange stuetzen und durch die Druchsebraube (41) dagegen gepresst werden. 30. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass das aufrecht stehende Joch (35) des Trag buegels (d) des Fuehrungskoerpers (e) un terhalb der einander abgekehrten Lauf flanschen (31.) einer zweistegigen Lauf schiene (30, 31, 42) zu einer Widerlags-- platte (45) abgebogen ist, die in zwei die Laufflanschen (31.) uebergreifende und dagegen durch Druckschrauben (41) angespresste Halteleisten (46) auslaeuft. 31. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass die aufrechten Sehenkel des Tragbuegels (d) fuer den Fuehrungskoerper (e), dessen Bohrungen (f) hintereinander versetzt angeordnet sind, in ein wagrecht liegen des Joch (35) uebergehen, das mit der hohlen, oben offenen Gardinenstange (47) durch Verschrauben verbunden ist. 32. Gardinen-Zugvorrichtung nach Patentan- spruch, dadurch gekennzeichnet, da.ss die Bohrungen (f) im Fuehrungskoerper (e) bogenfoermig verlaufen. 33. Gardinen-Zugvorrichtung nach Patentan spruch, dadurch gekennzeichnet, dass der mit zwei parallelen Bohrungen (f) ver sehene Fuehrungskoerper eine seitlich vor springende oese (iv) traegt, deren Bohrung and lt;I and gt;(x) and lt;I and gt; die Bohrungen and lt;I and gt;(f) and lt;I and gt; rechtwinklig kreuzt. CLAIM: Curtains-pulling device, characterized in that at the Schnurfuehrung holding a Fuehrungskoerper support members attached which countries with two of the Raen rounded, serving as a guide eyes for the pull cords shape holes provided. UNTERANSPRUECHE 1st curtain puller apparatus of patent claim, characterized in that the rectangular in its basic form guide body, which eyelets with two tries in the Raen rounded, parallel to its narrow edge follower (f) is provided by the latter crossing rivets or screws is attached to the support member. 2. Curtain Zugvorrichtung according to patent claim, characterized in da.ss the narrow right-edged Fuehrungshoerper (s) between the Sehenkeln (d) a bracket with two transverse rivets (i.) Is at rest and the yoke of the bracket (d) with the iron wall is riveted (b). 3. curtain puller apparatus of patent claim, characterized in that the rectangular Fuehrungskoerper (s) of the limbs (m) approximately strip an H-shaped Siche which compounds the Seitenwan the wall iron (b) by grab, recorded and by a stud (o) is held in the wall iron (b). Curtain puller apparatus patent claim, characterized in that of the legs of the wall and iron lt; I and gt; (b) and lt; / I and gt; deferred and Tragbuegels lt; I and gt; (q, r) and lt; / I and gt; the lobes (p) punched and bent down, which th the Schmalsei of a stud (o) penetrated and compre fen through this Festge jammed Fuehrungskoerper (s). Curtains hitch claim by patent, characterized in that the in the lobes (p) held, with ver breiterem base (s) is secured against rotation gesi sured Fuehrungskoerper (s) by a parallel to the wall reinforcement extending rivet (i) in its position, Curtain puller apparatus patent claim, characterized in that the means of four conditions in angular Durchbrechun- on the wall iron (b) aufschieb ble and Tragbuegel lt; I and - (q, r) and lt; / I and gt; one with its legs (t.) and standing downward Be festigungsbuegel lt; I and gt; (r, t) and lt; / I and gt; is used for the guide koerper (s) defined by him and the two legs (t) passing through. Rivets (i) is secured in its position. Curtain puller apparatus of patent claim, characterized in that the widened foot (s) of the Fuehrungskoer pers (s) through a provided thereon longitudinal groove (v) the sides of the wall iron (b) will spread and Letz terem guided by one with female thread to perpendicular Bolt (o) is held on the wall iron (b). B. curtain puller apparatus patent claim. characterized in that the Fuehrungskoerper (s) applied directly to the underside of a flat wall iron (b) and is attached thereto by two perpendicular thereto cross rivets or screws (i). 9. curtain puller apparatus patent claim, characterized in that the drilled and lt; (x f) and lt;; I and gt / I and gt; for the passage for the blind cord provided Fuehrungskoer by (e, w) are hung up about fixed axes of rotation rotatably on the wall iron (b) that under the influence of the force acting on the pull cord power guen in the for adjusting the curtains stigste situation can commute. 10. curtain puller apparatus patent claim, characterized in that the Fuehrungskoerper and lt; I and gt; (e, and lt; / I and gt; av) to cross pin and lt; lt (i) and; I and gt; / I and gt; and a Lagerbuegels lt; I and gt; (d) and lt; / I and gt; are stored ausschwenk bar. 11. curtain puller apparatus patent claim, characterized in da.ss the legs of the Lagerbuegels (d) of the Aufsteckoesen BEZW. Are Aufsteckdornen (1, d) punched and bent downward from. 12. curtain puller apparatus patent claim, characterized in that the Fuehrungskoerper (s) stated in its Buegel (d) are arranged, which is for iron (b) is stored swung around the circular in cross-section 'wall. 1.3. Curtain puller apparatus patent claim, characterized in da.ss with two parallel bores (f) ver provided Fuehrungskoerper (s) goes over into a downwardly projecting oese (w), the bore (x) the Fuehrungslöcher (f) crosses perpendicularly so that the guide koerper (e) is applicable to both sides of the curtain rod in the same form. 14. curtain puller apparatus patent claim, characterized in that the Fuehrungskoerper (e, zo) is at its upper end with a so a uniform body forming Lagerbuechse (5) see ver sitting directly on the wall iron (b) rotatable, 15. curtain pulling device according to claim patent, characterized in that BEZW between the Fuehrungskoerper (s) and the Aufsteckdornen or Lagerhuelsen (a.1) cornices From stood rings (4) to protect freedom of mobility and Fuehrungskoerper lt; I and gt; (e, and lt; / I and gt; -ii, are arranged). 10. curtain puller apparatus patent claim, characterized in that the use of square iron wall for easy rotation of the 'Fuehrungskoer by (e, zo) is provided within this a metallic Lagerbuechse (6). 17. Curtains-train-device according to patent claim, characterized in that the free mobility of Fuehrungskoer by locking spacer through the wall of iron (b) deferred Buegel (7, 8) are formed, the yoke (8) the eyes of the curtain rod as support serves. 18. Curtains puller apparatus patent claim, characterized in that in at Door- and window frames to be screwed out of the ironing fixedly connected thereto Aufsteckdornen and eyelets for the curtain rods (14) the Fuehrungskoerper (e, f) for the train cords pendulum are hung up, 19. Curtains puller apparatus of patent claim, characterized in that the legs (11) of the Traegerbuegel adjustable transverse slots (17), with the screw head (18) provided with transverse bolt (19) are attached, the storage of oese (13) curtain rod (14) and serve to their security against lifting. 20. curtain puller apparatus patent claim, This in that the arbor (a) attached with a between the legs (11) transverse plate (12) consists of a uniform Blechkoer by. 21. Curtains puller apparatus patent claim, characterized in that the downwardly tapering keilfoermig clevis (16) for the circular standard geiieride in a cross from the plate (1' L) upwards upturned 'Prague plate (15) is mounted. 22. Curtains puller apparatus of claim Pateidan, characterized DATL to form the support plate (15) and their bearing eye (16) the legs (21) of the fixture to the Seitenleibung Trae gers are bent at the front against each other. 23. Curtains puller apparatus patent claim, characterized in that the arbor (a) is bent directly from the forward folded yoke plate (12) of the carrier and provided with a Verstaerkungsrille. 24. curtain puller apparatus of patent claim, characterized in that the the oscillating bearing of the guide member (s) serving Buegel (d) hoops with a bent out of his yoke maintenance (23, 24) over the arbor ((r) for the curtain rod on (read quadrangular wall or curtain iron (l curtain pulling device is releasably hung up 5 claim by patent, characterized in that the Fuehrungskoer the oscillating bearing BEZW by (e ri) holding Buegel and lt;?... I un is indirectly attached to the curtain rod curtain even 26 puller apparatus patent claim, characterized in that the Lagerbuegel (d) for the oscillating Fueh- rungskoerper (s BEZW; and gt; (d) and lt; / I and gt.. ur) directly to one per one end of the extendable ble curtain rod (26, 27) erfas send, for piercing the wall iron serving base plate (' ? 9) was nem yoke is attached. 27 curtain puller apparatus. patent claim, characterized in that the yoke (35) of the Fuehrungskoerper (c) carrying strap (d) an upward ste budding web (34) pen with wagreehtem Lap (390) is bent in the hollow-bead-like upper flange (32) from the bridge rail (30) and Laufflanseli (31) existing curtain rod is einsteckbar. 28 curtain puller apparatus of patent claim, characterized in that at derseits of the yoke (35) of the Tragbuegels (d) are bent for the Fuehrungskoerper upstanding tab (39), which by means of QuerschnittsforrrL the rail (30, 31) adapted slots (40) on the former can be pushed. 29 curtain puller apparatus of patent claim, characterized in that (las extended and widened yoke (35) of the Fuehrungskoerper (s) oscillating holding Tragbuegels (d) downward bent tabs (43), which is against the facing run flanges (31) of a twin-barrel rail (30, 31, 42) of the curtain rod Props and by the Druchsebraube (41), however, are pressed. 30 curtain puller apparatus patent claim, characterized in that the yoke upright (35) of the support bracket (d) of the Fuehrungskoerpers (e) below the un mutually averted running flanges (31) of a twin-barrel rail (30, 31, 42) is bent to a Widerlags-- platte (45) in the two Laufflanschen (31) by border and on the other hand by pressure screws (41) pressed beads (46) expires. 31 Curtain puller apparatus of patent claim, characterized in that the upright Sehenkel of Tragbuegels (d) for the Fuehrungskoerper (s) whose bores (f) are arranged in a row offset in a wagrecht are the yoke (35) by go, the one with the hollow, open top curtain rod (47) is connected by screws. 32. curtain puller apparatus of patent claim, characterized in da.ss the holes (f) in Fuehrungskoerper (s) run bogenfoermig. 33. curtain puller apparatus patent claim, characterized in that the two parallel bores (f) ver provided Fuehrungskoerper a side carries before jumping oese (iv), the bore and lt; I and gt (x) and lt; / I and gt; the holes and lt; I and gt; (f) and lt; / I and gt; crosses at right angles.

Probable Assignee: HANS USSMUELLER FA

Earliest Publication Date: 19300731

DISPOSITIF DE RIDEAU, NOTAMMENT POUR SEPARATIONS DE CABINES CURTAIN DEVICE, ESPECIALLY FOR SEPARATION OF BOOTHS (MACHINE TRANSLATION)



Abstract: Source: FR1388570A [Source: Claim 1] 1. S'il y a lieu d'adapter. en un point de fixation de la tige de suspension 30, sur un rail porteur 13 continu, un autre rail 13, venant se rejoindre a angle droit, on peut utiliser, comme le montre la figure 8, des supports en equerre 42. Ces supports sont realises de maniere telle qu'une de leurs branches 43 s'insere dans le couloir de fixation 15 et y est maintenue par une vis 20, tandis que son autre branche 44 se fixe sur le tube carre 32 a l'aide de vis 38 et 45. Dans la region du coude, le support en equerre 42 est muni d'evitements 46 dans lesquels viennent se loger les saillies 29 du couloir de fixation 15. Lorsque trois rails porteurs 13 se rejoignent sur une tige de suspension 30, il est necessaire d'utiliser des pieces de liaison 47, comme represente a la figure 9. 'Ces pieces comportent un corps de base 48. de section carree, sur les parois laterales duquel sont formees des tenons plats 49 que l'on insere dans les couloirs de fixation 15, ou ils sont maintenus a l'aide de vis 20. 'Les tenons plats 49 non utilises pourront etre rognés. Le corps de base 48 est fixe sur la tige de suspension 30 a l'aide d'une vis 50. La piece de liaison 47 representee a la figure 11 est utilisee avec un montant de support 21. Elle comprend essentiellement les memes elements que celle decrite relativement a la figure 9 et est designee de ce fait par la meme reference. L'organe de tension sur un mur. employe plus particulierement lorsqu'il s'agit de fixer des rideaux formant paravent, peut consister en un manchon de serrage 51 represente a la figure.3. Ce manchon comprend des pieces en equerre 52 que l'on insere par paires dans le couloir de fixation 15 du rail porteur 13 et, d'autre part, dans une plaque murale 53. Entre lesdites pieces en equerre 52, qui agissent a la maniere d'ilets de suspension, on dispose un mince tube carre 54, de longueur appropriee, qui recoit a l'une de ses extremités un raccord filete et a l'autre extremité, un raccord a alesage lisse.. La connexion avec les pieces en equerre 52 s'effectue, d'un cote, a l'aide d'une tige filetee 55 et, de l'autre, l'aide d'une cheville tournante 56. On peut obtenir un allongement ou un raccourcissement du dispositif tendeur en faisant tourner le tube carre 54. La plaque murale 53 se fixe contre le mur a l'aide de vis qui traversent des alesages 57. Le manchon de serrage 51 represente a la figure 3 peut etre egalement utilise comme tige de suspension. Le cote superieur ouvert du couloir de fixation 15 peut etre ferme a l'aide d'une bande 'de recouvrement 58, comme on peut le voir aux figures 4 et 5. Sur la face inferieure de la bande de recouvrement 58 sont prevus deux bourrelets longitudinaux 59 qui, lorsqu'on les enfonce, vont se placer derriere les saillies 29 du couloir de fixation 15. On enleve ces bourrelets aux endroits ou se trouvent les pieces de liaison 19, 25 ou 47. Comme deja mentionne. les modes d'execution representes et decrits sont simplement donnees a titre d'exemple et ne limitent nullement l'invention, pour laquelle de nombreuses variantes 'de realisation et applications demeurent possibles. C'est ainsi que les griffes d'arret 33 et 34 peuvent etre egalement utilisees pour la fixation d'un montant de support 21. Dans 'ce cas. les mors 35 viennent enserrer par l'arriere les chemins de roulement ou de glissement 17. Il est en outre possible de relier le montant 21 au rail porteur 13 a l'aide de supports en equerre 42. RESUME L'invention est relative a un dispositif de rideau, notamment pour separations de cabines. constitue par des rails porteurs qui. independamment des couloirs de roulement, comportent des couloirs speciaux 'de fixation. par des organes de blocage, ainsi que par des montants de support ou des tiges de suspension, ledit dispositif etant remarquable, notamment, par les caracteristiques suivantes considerees separement ou en combinaison: a. 'Les organes de blocage comprennent des pieces d'accouplement prevues sous la forme de tenons, de griffes, de fiches ou analogues. qui viennent, dans leur position de service, se placer derriere des saillies du couloir de fixation du rail porteur, ou derriere les bords de plaques de fixation, et sont maintenus dans cette position par des organes de blocage; b. Le dispositif de blocage de la tige de suspension consiste en deux griffes d'arret, dont les mors penetrent dans les couloirs de fixation du rail porteur ou dans les ouvertures de la plaque de plafond. tandis que leurs extremités libres reposent l'une pres de l'autre dans le tube de la tige de suspension et sont amenees, a l'aide d'une vis. dans leur position de service; c. Les extremités libres des griffes d'arret sont chanfreinees exterieurement et leurs extremités portant les mors presentent une forme arquee sur leurs cotes reposant l'un sur l'autre; d..Les griffes d'arret presentent la meme configuration; e. L'organe de blocage du montant de support est prevu sous la forme d'une piece de recouvrement, dont l'organe d'accouplement penetre dans le couloir de fixation, tandis que l'autre extremité. prolongee et coudee, est fixee sur le tube du montant de support; f. L'organe d'accouplement et l'extremité prolongee de la piece de recouvrement forment, au-dessous du coude, une fente de guidage pour l'une des saillies du couloir de fixation du rail porteur; g. L'organe de blocage est. en variante, un support en equerre dont l'une 'des branches coopere avec le couloir de fixation du rail porteur, tandis que l'autre branche recoit l'organe de fixation de la tige de suspension, du mur ou analogue; la. Le support en equerre comporte, au voisinage du coude, des evitements dans lesquels viennent se loger des saillies du rail porteur; i. Les organes de blocage prevus pour plusieurs rails porteurs venant se rejoindre sont des pieces de liaison qui comportent, formes sur les parois laterales de leur corps 'de base qui presente des sections transversales carrees, des tenons plats, utilisables a volonte, qui cooperent avec les 'couloirs de fixation; j. L'organe de blocage est. en variante, un manchon de serrage qui consiste en un -tube. en une tige -filetee et en une cheville, ladite tige filetee etant montee longitudinalement deplacable dans le tube; k. Les extremités libres de ladite tige filetee et de la cheville sont montees basculantes entre des pieces -en equerre dont les branches porteuses reposent dans le couloir de fixation du rail porteur ou dans l'ouverture de fixation de la plaque murale; l. Le cote superieur ouvert du couloir de fixation du rail porteur est equipe d'une bande de recouvrement, realisee de preference en matiere synthetique, et qui est munie de bourrelets s'etendant longitudinalement; m. La plaque de plafond presente, dans son ouverture. un renforcement vers le bas et forme un logement pour la vis de fixation. [Source: Claim 1] 1. If there needs to be adapted. at a point of attachment of the suspension rod 30, on a carrier rail 13 continuous, another rail 13, coming to join at right angles can be used, as shown in Figure 8, on bracket supports 42. These supports are designed such as one of their legs 43 is inserted into the mounting channel 15 and is held by a screw 20, while its other leg 44 is fixed to the square tube 32 by means of screw 38 and 45. in the region of the elbow, the support equerre 42 is provided with recesses 46 in which are housed the projections 29 of the fixing corridor 15. When three base rails 13 meet on a suspension rod 30, it is necessary to use connecting parts 47, as represented in Figure 9. 'These parts include a base body 48 of carree section on the side walls which are formed tenons 49 dishes that are inserted in the corridors fixing 15, or they are held in by screws 20. 'the posts 49 can not be used dishes grips. The base body 48 is fixed on the suspension rod 30 by means of a screw 50. The connection piece 47 shown in Figure 11 is used with a support post 21. It comprises essentially the same elements as that relatively described in Figure 9 and is designated therefore by the same reference. The tension member on a wall. employed more particularly when it comes to fixing the curtains forming screen, may be a turnbuckle 51 represents a 'the Figure.3. Ce manchon includes pieces of bracket 52 which is inserted in pairs in the retaining channel 15 of the support rail 13 and,, other hand, in a wall plate 53. Between said pieces of bracket 52, which act to the manner of carnations suspension, there is a thin square tube 54, of appropriate length, which receives has one of its ends a threaded fitting and. at the other end, a fitting bore a smooth.. The connection with the parts in equerre 52 is made of a silicate, with the aid of a rod FILETEE 55 and on the other, aid a rotary pin 56. it can be obtained an elongation or shortening of the tensioning device by rotating the tube edge 54. the wall plate 53 is fixed against the wall by means of screws which pass through bores 57. the sleeve clamp 51 represented in Figure 3 can also be used as suspension rod. The open upper side of the mounting channel 15 can be closed by means of a band 'covering 58, as can be seen in Figures 4 and 5. On the underside of the cover band 58 are planned two beads longitudinal 59 which, when pressed, will be placed behind the protrusions 29 of the fixing corridor 15. It removes these beads or the locations are the linking parts 19, 25 or 47. As already mentioned. represented and described the execution modes are merely give as an example and does not limit the invention, for which many variations' of realization and applications remain possible. Thus, the holding claws 33 and 34 can also be used for securing a support pillar 21. In 'this case. the jaws 35 are clamped by the back roads of rolling or sliding 17. It is also possible to link the amount of 21 to 13 carrier rail with the aid of supports equerre 42. SUMMARY The invention relates to a curtain device, particularly for cabins separations. is by carrier rails. irrespective of rolling corridors include special lanes' fixing. by locking members, as well as by amounts of carrier or suspension rods, said device being remarkable in particular by the following characteristics taken separately or in combination: a. "The locking elements comprise coupling parts provided for in the form of pins, clamps, plugs or the like. which are in their service position, be placed behind seizures of attachment of the support rail corridor, or behind the edges of mounting plates and are held in this position by locking members; b. The device de.blocage suspension rod consists of two holding claws, which penetrate the jaws in the fixing corridors of the mounting rail or in the openings of the ceiling plate. while their free ends lie one near the other in the tube of the suspension rod and are fed by means of a screw. in their service position; c. The free ends of the stop dogs are chamfered externally and their ends bearing

the jaws have an arcuate shape on their sides lying one on the other; d. Les stop dogs have the same configuration; e. The locking member of the support amount is expected in the form of a part of Recovery, which coupling member penetrates into the mounting passage, while the other end. Prolonged and cubit is fixed on the tube of the support post; f. The coupling member and the prolonged extremity of the cover part form, below the elbow, a guide slot for one of the projections of the carrier rail fastening corridor; g. The blocking member is. alternatively, a support bracket including a 'cooperates with the branches of the support rail fastening corridor, while the other arm receives the fastener of la.tige suspension, the wall or the like; the. The Angle bracket, in the vicinity of the elbow, of recesses in which are received projections of the mounting rail; i. The locking members provided to several support rails coming to join are connecting rooms that feature, forms on the side walls of the body 'base which presents cross-sections Square, tenons flat, usable at will, which cooperate with the fixing corridors; j. The blocking member is. alternatively, a clamping sleeve which consists of a -tube. -filetee in a rod and a pin, said threaded rod being longitudinally movably mounted in the tube; k. free ends of the threaded rod and ankle are mounted tilting between parts -in equerre whose bearing branches based in the hallway fixing the carrier rail or the opening of fixing the wall plate; l. The upper side ouvert.du the carrier rail mounting hall is equipped with a cover band, preferably made of synthetic material, and is provided with beads longitudinally extending; m. The ceiling plate presents, in its opening, a recess downwardly and forms a housing for the fixing screws.

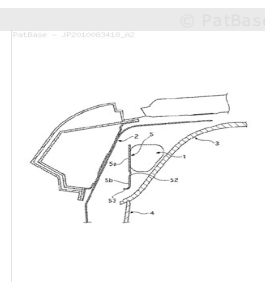
Probable Assignee: JULIUS SCHMIDT

Earliest Publication Date: 19650205

3) Family number: 44943246 (JP2010083418A)

CURTAIN AIRBAG MOUNTING PART STRUCTURE

Abstract: Source: JP2010083418A PROBLEM TO BE SOLVED: To provide a curtain airbag mounting part structure suppressing deformation to the developing force of a curtain airbag, preventing the curtain airbag from entering a pillar garnish, and eliminating variation in the impact absorption effect to impact input from the vehicle interior side. SOLUTION: In the mounting part structure of the curtain airbag 1 arranged in a folded state on the vehicle interior side of a roof side rail 2, a support bracket 5 for supporting the curtain airbag 1 from the vehicle exterior side is provided in a position on the roof side rail 2 where the pillar garnish 4 is arranged, a lower end edge part of the support bracket 5 is formed to approach an upper end edge part on the vehicle interior side of the pillar garnish 4, and a bead 52 projecting to the vehicle interior side along the vehicle longitudinal direction is formed in a vertical intermediate part of the support bracket 5 and below the curtain airbag 1.



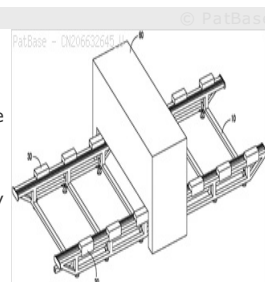
Probable Assignee: NISSAN MOTOR

Earliest Publication Date: 20100415

4) Family number: 67485746 (CN206632645U)

CURTAIN UNIT PLATE BLOCK PRODUCTION LINE

Abstract: Source: CN206632645U The utility model relates to a curtain unit plate block production line. It includes, the frame, the guide rail is installed regularly in the frame, the mobile device, the length direction that can follow the guide rail installs on the guide rail with sliding for bearing curtain unit plate block is so that the length direction that curtain unit plate block followed mobile device edge guide rail slides, include still that the support bracket is installed regularly in the frame, arranged on the removal route of mobile device for the curtain unit plate block that the bearing was lifted off from the mobile device. The utility model discloses can be so that can the low coverage liftofly unload curtain unit plate block on the support bracket from the mobile device, the back is accomplished in the upset on the support bracket, carries curtain unit plate block follow support bracket to the mobile device again, need not to carry on long distance transport to in the production equipment, improve work efficiency, simultaneously, can be convenient for curtain unit plate block and switch between different stations through setting up guide rail and mobile device to in the production equipment, improve work efficiency.



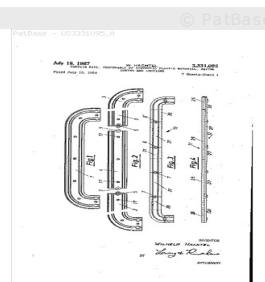
Probable Assignee: ZHONGSHAN CHUNXING CONSTRUCTION TECH CO LTD

Earliest Publication Date: 20171114

5) Family number: 22961492 (US3331095A)

CURTAIN RAIL, PREFERABLY OF SYNTHETIC PLASTIC MATERIAL, HAVING CURVED END SECTIONS

Abstract: Source: GB1026728A 1,026,728. Curtain rails. R. STORZBACH. July 15, 1964 [July 16, 1963], No. 29124/64. Heading A4B. A curtain rail (Fig. 2) of plastics or metal has arcuate ends 2, 3 with an integral adjoining straight rail portion, the rail being divided in a horizontal plane into top 11 and bottom 12 parts (Fig. 8) having interfitting tongues 14 and grooves 13 and being mutually connected by bonding or by screws 17 (Fig. 2) The rail is preferably made by injection moulding with the ends 2, 3 and a central portion either integral or separate. The control rail portion 4 may comprise a number of smaller lengths secured end-to-end in abutting relationship and the number of such lengths may differ between the top and bottom parts 11, 12, Abutting rail portions are secured by screws passed through co-operating tongues 5 and grooves integrally formed on the ends of the rail portions. A metal reinforcing insert 18 may be located between the top and bottom sections 11, 12 to extend across the joints. Channels 10 for curtain runners are formed by the co-operating top and bottom sections 11, 12 and when the bottom portion 12 is moulded in one piece web portions 15 are subsequently cut away to provide the channels 10. A fillet 19 on the rail 11 slidably receives a support bracket 21 for a pelmet 22 into which a masking plate 23 may be slid. A feeling lip 24, e.g. to bear elastically against a ceiling to which the rail is secured, is attached to or integral with the rail 11. The arrangement of Fig. 13 provides a plurality of tracks and comprises a central piece 55 with three track grooves 56, 57, 58 adjoined by an arcuate piece 59 with an extension 60 providing two track grooves, a further six track rail 64 with end closure members 65 being secured by tongue and groove connections 67, 68 to the extension 60. The tracks include apertures 61-63 through which runners are introduced to the track grooves, the apertures being subsequently closed by plugs 34 which may be rotary. Additional straight or arcuate members 52 may be received in outer marginal flanges on the rail to broaden the latter. Variable angle arcuate members (Figs. 18, 21, not shown) may interconnect straight rail portions.



Probable Assignee: HACHTEL W

Earliest Publication Date: 19641103

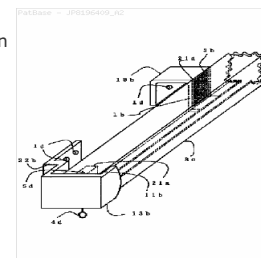
6) Family number: 18991894 (JP8196409A)

METHOD OF SETTING CURTAIN RAIL

Abstract: Source: JP8196409A PURPOSE: To easily detach a curtain rail and keep it so that it won't injure the beauty of the house interior. CONSTITUTION: The curtain rail holder consists of a fixing device with a bracket 13b in which the end of a curtain rail 3c is set and a insertion part 21a to which a bracket support 22b is inserted, and another fixing device which fixes a bracket 19b to hold the rail in the middle and its support. The support of the bracket 19b in the middle of the rail is to be slightly longer than the support of the bracket 13b in the side, and the holder 11b to hold the side of the rail is to be bored, and a bracket fixing part is to be made inside the track, or the bottom of the curtain rail on the wall side is to be slightly wider.

Probable Assignee: YOSHIKAWA HIROMASA

Earliest Publication Date: 19960806



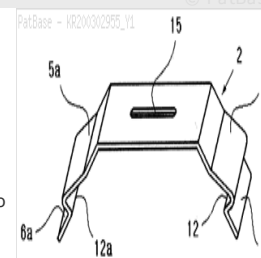
7) Family number: 47115349 (KR200302955Y)

ROMAN SHADE CURTAIN RAIL OF SUPPORT FOR A-BRACKET (MACHINE TRANSLATION)

Abstract: Source: KR200302955Y The subject innovation is part of the Roman shade curtain rail type relates to a bracket for supporting a bracket for supporting the curtain rail, place and fix the proper position in the ceiling rail bracket for supporting both sides of the body portion simply in contact with the handle portion formed in the same manner as the rail body by pushing unit bracket and the rail body so that it can be rigidly mounted it is an object to provide a means. To this end portion of the same shape on both sides of the body (2) the lower bracket (5, 5a) and the elastic engaging shoulder 12, 12a) and the handle portion formed on the handle (6, 6a, 6, 6a) is formed so as to fulfill the inclined surface (23, 23a, 23a) on the upper side of the rail body (22) portion of the groove in contact with the rail body 22 to the handle 6, 6a) by pushing upward the engaging shoulder the upper groove (23, 23a, 23a, 12, 12a) fitted tightly to the body (2) the rail body 22 as unit bracket can be firmly supported to the configured. By the above-described configuration unit bracket handle portion formed in the lower portion of the body in contact and push the rail body assembly that is completed by simply adding a curtain rail body has a very convenient and effective when mounting. Unit bracket body, the elastic unit, handles, engaging shoulder, a hole, a groove, a ceiling, a curtain rail body,

Probable Assignee: PROPOSAL TO

Earliest Publication Date: 20030205



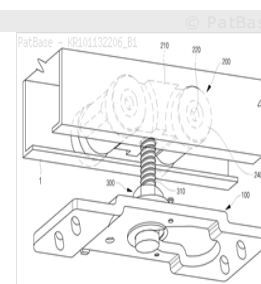
8) Family number: 47478741 (KR101132206B)

A SLIDING APPATATUS FOR RAIL

Abstract: Source: KR101132206B PURPOSE: A slide apparatus for rail is provided, which can enhance stability and structural reliability by simple configuration. CONSTITUTION: A slide apparatus for rail comprises: a support bracket(100) to which a curtain member is connected and is supported and has a slot hole; a roller unit(200) which can slide along the rail; and a connecting unit(300) connecting the support bracket. The connecting unit includes: a connecting member in which the upper end is connected to the roller unit and the bottom end is inserted into a slot hole of the support bracket; a separation preventive member preventing the connecting member from being separated; and a guide unit guiding the movement of the separation prevention member.

Probable Assignee: YU KWANG SIK

Earliest Publication Date: 20101102



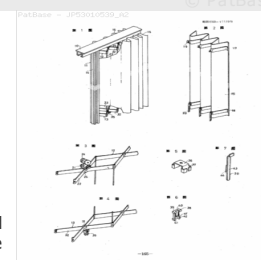
9) Family number: 5408943 (JP53010539A)

CURTAIN DEVICE

Abstract: Source: JP53010539A (1) the claim 1 front and back of the curtain surrounding ground [Source: impregnated with a telescopic rail support which is fixed to the suspended ceiling curtain device, the support is attached to the upper and lower portions of (at least ground) curtain up and down two rows of the left and right of the pantograph point, curtain attaching the left and right end of the upper and lower frame, the link row curtain pantograph up and down two rows at a position corresponding to the upper and lower tape sewn pantograph link row each center of the upper and lower receiving fixture cross-axis, the upper and lower fastening tape of the fit receiving and each of the upper and lower fastening member at a position corresponding to the upper and lower fastening fitting the recurrence on Kakegu bracket top end stop and detachably on the lower side, and a curtain and the coercive ground is formed so as to be firmly fixed and the lower hanger bracket and the vertical direction of the fixed position of the detachably attached to them, adjustable by the support point\curtain curtain rail, as well as place the attachment and detachment of the degree of tension to allow adjustment of the apparatus characterized in that. (2 by the scope of the appended claims device according to Kakegu the lower fastening belt #39;is a material of the elastic, the lower downwardly extending sealing lid receiving fixture of the belt belt in the vertical direction freely pass fixed position, characterized in that from the receiving device 5. (3) the second term in the appended claims, wherein the belt, the belt upward triangle of the lower saw-tooth receiving each central axis, pantograph link row before and after the intersection, the shaft stopper receiving portion provided in the holder 10 and the holder of the elastic body is inserted into the insert, the insert of the belt than before passing them to the knob portion and the claw portion h by pinching the knob portion is set back inwardly and outwardly to release again. The apparatus characterized in that to restore the as (4) the scope of the claims 1 to 3, wherein the likelihood and the upper of the lower direction of the hook fastening 20Endpage:1 Kakegu than the upper receiving fixture such as a hook receiving indigenous i. The apparatus characterized by comprising (5) the first term of the claims 4 to apparatus according to any one of each pantograph link string, the support bracket provided on the left and right ends of up and down, connecting the end frame, the end frame is the left and right edges of the curtain 1, ground to insert a recess, with the recess from the outside of the hold cover is provided by their material of the curtain 1 of the left and right edge portion detachably tension between the recess and the cover It was pinched and characterized in that so as to the device. (6) permit the ? various appended claims, the apparatus of claim 5, wherein the recess is in the expansion and contraction direction of the support perpendicular to the opening and closing the curtain opens outwardly to the left and right edge portions by forming a bag-shaped mandrel into said insertion direction of the recess, the end portion of the outer side of the outer wall extending vertically is provided, the Yes No Yado cover the inner wall of the outer tsukuda-dong by extending vertically z engaged with the article it becomes yellow. The apparatus characterized in that a 3,

Probable Assignee: TOSOH CORP

Earliest Publication Date: 19780131



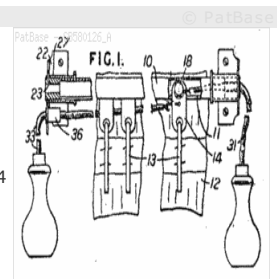
10) Family number: 19316272 (GB580126A)

IMPROVEMENTS IN OR RELATING TO CURTAIN SUPPORTING DEVICES

Abstract: Source: GB580126A 7449. [Class 52 (v)] In curtain suspensions of the kind having a tubular rail 10 with a bottom longitudinal slit 11 along the edges of which run grooved rollers or balls 18 carrying extensions 14 of the curtain pins or hooks 13, a cord 31 for pulling the curtain 12 in one direction is attached to one of the extensions 14 and passes through the tubular rail, and another cord 33 for pulling the curtain in the other direction is attached to the same extension and passes outside the rail and through a guide tube 36 at the end of the rail. The extensions 14 comprise flat plates or bent wire members with apertures or loops engaging the grooves in the balls or rollers. The end supports for the rail comprise brackets 22 with spigots 23 over which take slidable sockets 27 on the ends of the rail. A central support comprises a bracket carrying a socket that receives the rail ends and has a bottom slot corresponding to the slot in the rails. The cord guide 36 is carried by one of the brackets.

Probable Assignee: FRANCIS PERCY ELLWOOD

Earliest Publication Date: 19460828



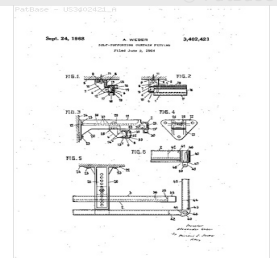
11) Family number: 26487101 (US3402421A)

SELF-SUPPORTING CURTAIN FITTING

Abstract: Source: GB1071404A 1,071,404. Suspending curtains. H. BEER and E. WEBER-HORISBERGER. June 1, 1964 [June 4, 1963], No. 22549/64. Heading A4B. A curtain rail 1 includes a hollow section part 13 having inturned flanges defining a longitudinal slot 14 and is supported by brackets 4 each having a head 6 formed with grooves 12 into which the flanges are engaged with a snap action when the bracket head 6 is passed through the slot 14 into the hollow rail portion 13. Channel portions 17 and 19 are provided on the rail 1 respectively to support curtain runners and a valance. In another embodiment (Fig. 3) a wall support bracket (21) of H-section has a head (25) at one end to support a rail (2) formed with an open section part (30), e.g. for valance support, and has a web (26) formed with spaced apertures (27) to receive securing bolts for one or more support brackets 4 for an alternative rail (3). The rail (3) includes a guide channel (32) for curtain runners and channels (33) for drawcords. A rail end covering member (34) (Fig. 5) has a tongue (36) which has a snap engagement in the hollow section (13¹¹) of the rail (3). A corner member (40) has tongues (42, 44) fitting into mutually perpendicular rails (2 and 45).

Probable Assignee: AWEPA FA

Earliest Publication Date: 19641001



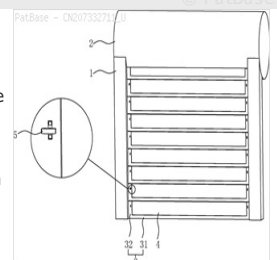
12) Family number: 69640263 (CN207332711U)

CAN DISMANTLE FIREPROOF ROLLING SHUTTER DOOR

Abstract: Source: CN207332711U The utility model discloses a can dismantle fireproof rolling shutter door, its technical scheme main points are including the guide rail and slide and connect the book curtain support in the guide rail, it includes a plurality of mounting bracket, adjacent two to roll up the curtain support the mounting bracket rotates to be connected, when being in vertical state, adjacent two the equal parallel and level of both ends face around the mounting bracket, the mounting bracket is provided with and supplies curtain plate grafting complex storage tank, the curtain plate through -hole on surface is from top to bottom run through to last being provided with of curtain plate, be equipped with fixed subassembly between mounting bracket and the through -hole. The storage tank has played limiting displacement to curtain plate, makes curtain plate be difficult to break away from in the mounting bracket in inserting the storage tank, fixed subassembly can be conveniently with curtain plate fixed connection on the mounting panel to the curtain plate that makes integrated into one piece originally is the modularization alone, after wherein a curtain plate damages, can dismantle the change, improvement fireproof rolling shutter door's life.

Probable Assignee: SHENZHEN HONGJING DECORATION ENG CO LTD

Earliest Publication Date: 20180508



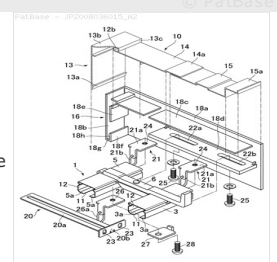
13) Family number: 41643067 (JP2008036015A)

CURTAIN RAIL UNIT BOX

Abstract: Source: JP2008036015A PROBLEM TO BE SOLVED: To improve versatility, reduce a load onto the curtain rails as much as possible and improve light shading performance in a curtain rail unit cover for covering a curtain rail unit using a plurality of curtain rails. SOLUTION: Slot holes 22a and 22b are provided on a side cover 16 in a direction across the indoors and the outdoors. Using the slot holes 22a and 22b adjustably joins both ends of the curtain rails 3 and 5 in the direction. Widthwise disposing upper covers 14 and 15 covers the whole of the tops of the rails 3 and 5. A support bracket 20 is provided on and projects from a curtain rail fixing face to support the middles of the covers 14 and 15.

Probable Assignee: YOKOTA RIYOUHAN KK

Earliest Publication Date: 20080221



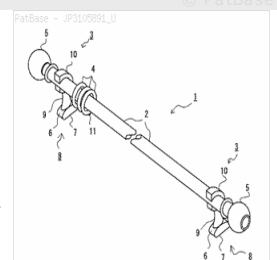
14) Family number: 42187434 (JP3105891U)

STANDOFFS CURTAIN (MACHINE TRANSLATION)

Abstract: Source: JP3105891U

Machine translation: [summary] Excellent sliding challenge [of runner, high strength, and the challenge to provide tool support curtain was taken into account human health and the environment conservation. runner 4 detachable hanging curtains and a pair of three bracket to support the curtain rail and curtain rail 2 [2 resolution means, mounted to a wall mounted, slidably mounted curtain rail 2 equipped with a door, curtain rails 2, 3 brackets, and four runner, and a configuration consisting of laminated wood and bamboo materials. In addition, both ends of the curtain rail 2, and 5 comprises a decorative member configuration consisting of a pair of laminated wood and bamboo materials.

Earliest Publication Date: 20041202



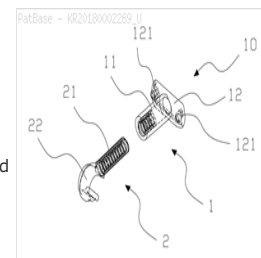
15) Family number: 70560030 (KR20180002269U)

BRACKET FOR CURTAIN POLE

Abstract: Source: KR20180002269U The present invention relates to a curtain rod support bracket, and more particularly, to supporting the curtain for convenience in the bracket is fixed by adjusting the length of the curtain rail bracket for easy and can freely adjust the height of the bracket. According to the present invention the supporting bracket curtain rail bracket for supporting the curtain, fixed to the ceiling, the ceiling fixture and a support rod for supporting the curtain rail is doedoe composed of a cylindrical shape of the body, and the support formed on one side of the support is fixed in close contact with the ceiling and the ceiling, and includes a support rod connected to the receiving portion, the bracket body to be variable in length, and the height adjusting unit to be fitted to the curtain and forming that includes a support rod that encloses the rod is characterized in that.

Probable Assignee: SUN DECO CO LTD

Earliest Publication Date: 20180725



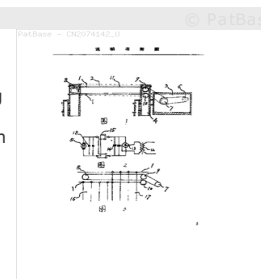
16) Family number: 17423072 (CN2074142U)

ELECTRIC CURTAIN-DRAWING MACHINE

Abstract: Source: CN2074142U The utility model relates to an electric curtain drawing machine used for controlling the undrawing and closing of the articles in hanging curtain class (such as curtain, proscenium curtain, etc) and the utility model is composed of an electric mechanism, a driving mechanism, a hanging curtain rail 1, a hanging curtain box 2, an operating box 3, a support bracket 4, etc. The driving mechanism is composed of a driving pulley assembly and a driven pulley assembly. When working, the forward rotation or reversing rotation of an electric motor is conducted by selecting switch position to drive the two pulley assemblies to operate in order to undraw the opening or closing of the curtain cloth of a hanging curtain.

Probable Assignee: LUO ZONGFAN

Earliest Publication Date: 19910403



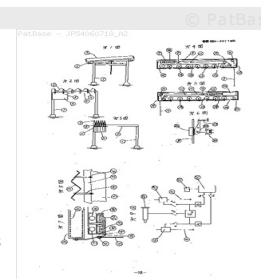
17) Family number: 1863466 (JP54060718A)

OUTDOOR TENT CAPABLE OF DRAWING Laterally TO THE RIGHT AND LEFT

Abstract: Source: JP54060718A Claim 1-[Source: attracted to the name of the invention outdoor tent for the left and right freely article 2 of the box-shaped rail claims 2 integrated with the guide path tent for driving at a distance parallel to placed on the four or more struts both viewed from the center rail outer two lees of the cedar look for powerful wide Keru helical spring provided form, one end of the rail fixed to the end of the other end of the rope, two-up and the rope stop release one pulley electromagnetic pull-out to the outside. Other attack one of the rope starting from spring attachment point provided at both ends of the rail box through the rope pulley to the mounting point of the loop, and further due to the two inner rail is acting look! J #39;is weak collapse, for r-type is provided, the helical spring one end of the outer rail, the spring fixed point and the friend is attached to the electromagnet ms the start-up of the movable element, the other end, #39;is attached to two attachment, and pull the rope stop booting. degrees release to the outside electromagnetic communication with another one out the spring box, starting from the attachment point rail 9 provided at both ends of the mounting back to the point by tracing the booting of the rope of loop to both loops on the appropriate point in the operation is convenient, further on top of the two box-shaped rail 2 set of wheels attached to the put at the top of the axle support bracket-shaped frame fitting through the crystallization retarder look is easily the center of the held in the imperial tent on the rail, the # one end of the mounting side of the tent powerful spring is fixed to the other end of the shaft fitting vehicle - to combine a loop, when the rope of the rope of the festival tent 4, together with is open, as well as collapses the synthesis of folding the support auxiliary, tent curtain hanging or string when you open the elongation line - a wide tent revival started is 9, at the same folded folded paper making can be purchased tent - flight around the opening and closing device is controlled by respective sunny powerful pull-stop release of conductive spring - a 4Jbps and pull-release of the rope stop device spring temple and the start-up electromagnetic device, electromagnet and the combination of the spring and pull the Endpage:1 weak spring is set for the strobe is dressed folded and at the same time extending tent 9 opening, pull-stop return device 9 or rain or rain detection device by a signal from the lid by operating the electromagnetic release the return force of the spring automatically look, also weak spring set for the rope, the rain ceased, by subtracting the detection signal from the rain or snow surface pull-stop and release the electromagnetic operates the transmitter and a weak restoring force of the spring 9 is automatically folding Collapse look and at the same time applied in the direction of the start-up by the suction force of the electromagnet by the tent additive effect so as to collapse the left and right, characterized in that a tent for outdoor attracted to the apparatus 1 by an evil spirit And

Probable Assignee: NAGANO HIDEO

Earliest Publication Date: 19790516



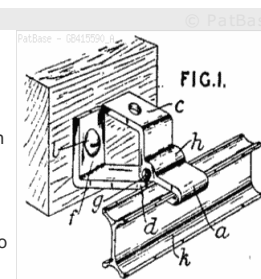
18) Family number: 20069638 (GB415590A)

A NEW OR IMPROVED BRACKET FOR SUPPORTING CURTAIN RAILS AND LIKE FITTINGS

Abstract: Source: GB415590A 415,590. Curtain - rail brackets. BISHOP, A. C., 77, Webb Lane, Hall Green, Birmingham. Sept. 6, 1933, No. 24650. [Class 52 (v).] A bracket support for a curtain rail comprises two co-operating jaw members a, d which are pivotally connected together and are carried by lug members c, f which lie in planes substantially at right angles to each other, such that the securing of either lug to a surface automatically closes the jaw parts on to the rail. The two parts are pivotally connected together by a part-cylindrical rib g slid axially into a part cylindrical groove and are shaped so that the two lug members are staggered in relation to each other. The two lug members also overlap so that the jaw members can be moved to admit the curtain rail K and then tightening of the securing nut l moves the jaw members to clamp the rail tightly. The support can be secured to either a horizontal or a vertical surface. In a modification (not shown) one part can be extended forwardly to support another rail.

Probable Assignee: ARTHUR CLAUDE BISHOP

Earliest Publication Date: 19340830



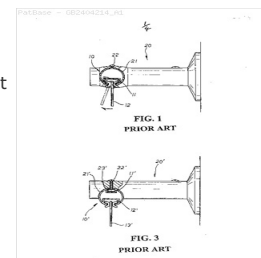
19) Family number: 29033254 (GB2404214A)

SUPPORT BRACKET ASSEMBLY FOR A CURTAIN/BLIND ROD/RUNNER

Abstract: Source: GB2404214A An assembly comprising a blind rod 30, and two support brackets 40 wherein the rod 30 has a top rail 31 and a bottom rail 32 symmetrically defined at the upper and lower periphery, the present invention being characterised by (i) the top rail 31 of the rod having smooth guide arc sections 431 defined at both inner lateral sides thereof correspondingly matched to an inverted T-shaped guide block 43 extending downwards at the inner side of the support bracket 40, (ii) each support bracket 40 having a cavity 41 cut at one side for the rod 30 to be adapted and fixedly located thereto via a screw 42 led from the upper periphery thereof, and (iii) the inverted T-shaped guide blocks 43 precisely engage the top rail 31, automatically justifying the position of the bottom rail 32 for hanging hooks 33.

Probable Assignee: PIING HEH ENTPR CO LTD

Earliest Publication Date: 20050126



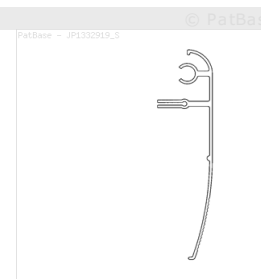
20) Family number: 69262062 (JP1332919S)

CURTAIN RAIL COVER (MACHINE TRANSLATION)

Abstract: Source: JP1332919S The article is a window of a building such as mainly is provided along the guide rail curtain covering the outer portions of the hanging can be opened and closed for the cover which is attached to the curtain rail. The article, on the front view the upper side formed is represented by the cut away part of the arcuate portion (1), is represented by reference diagram showing the state of the support bracket, the curtain rail provided on the tip portion of the receiving bracket and the segmental shaped fitted vertically rotatable hinge is mounted as the curtain rail, so as to cover the outer portion of the used. Further, the arcuate portion a part cut-away on the lower side of the projecting portion of the article sideways (cover) to the open state temporarily holding the mounting portion of the stopper. Incidentally, the article, by extrusion molding aluminum or plastic is formed. Is a right side view of the present design, the left and right direction only continuous. Is a front view and a rear view appear symmetrically omitted.

Probable Assignee: TSUBOI NOBUYUKI

Earliest Publication Date: 20080609



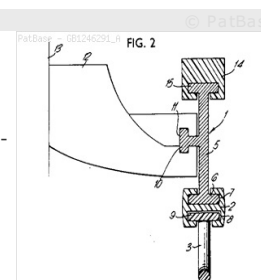
21) Family number: 731215 (GB1246291A)

CURTAIN RAIL

Abstract: Source: GB1246291A 1,246,291. Suspending curtains. W. J. C. STANLEY. Dec. 5, 1968 [Oct. 30, 1968; Nov. 4, 1968], No. 51372/68 and 52203/68. Heading A4B. A curtain rail I comprises a plurality of separate rail sections 5 substantially co-extensive with and carrying a separate plastics guide-member 2 for runners 3, the guide-member 2 being supplied as a rolled up coil and having an upper channel 7 to receive the rail sections 5 as a releasable interference fit and a lower channel 8 to guide the runners 3. The guide-member 2 extends, uninterrupted by joints, over the whole length of the rail 1. A flexible trim strip 14 is fitted on an upper flange 15 of the rail sections 5. The rail sections 5 may have a flange 11 or a groove for engagement with a support bracket 12. The rail 1 may have a vertical downward extension 16, Fig. 3 (not shown) at one end fitted with a slidable end stop (18) operated by a lever 24 to raise or lower curtains to and from the horizontal. run.

Probable Assignee: STANLEY WILLIAM JAMES CECIL

Earliest Publication Date: 19710915



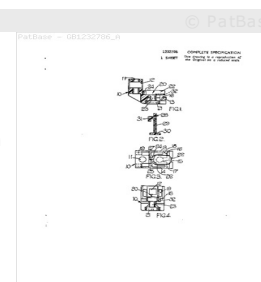
22) Family number: 80591 (GB1232786A)

SUSPENDING CURTAINS.

Abstract: Source: GB1232786A 1,232,786. Suspending curtains. HARRISON (BIRMINGHAM) Ltd. 25 July, 1968 [2 Aug., 1967], No. 35409/67. Heading A4B. A curtain rail support bracket comprises a support part 10 with screw holes 11, 12 for ceiling or wall mounting and a separate rail retaining part 20 with a spindle 23 rotatably mounted in the end of a slot 15 defined between two arms 13, 14 of the support part 10, the spindle 23 having an eccentric upper end enlargement 22 which is movable on rotation of the spindle 23 between a secured position in which it overlies an L-shaped flange (31, Fig. 2) of a rail (28) engaged in grooves 16, 17 in the arms 13, 14 and a position permitting removal of the rail (28), the movement being limited to 90 degrees by engagement of a lip 24 on the enlargement 22 with stops 25, 18 on the support part 10. A head 21 at the lower end of the spindle 23 has a screwdriver slot to facilitate its rotation. The rail and bracket may be of plastics and the rail may have an internal, metal, stiffening element (29). The end 22 is relieved, at 32, where it overlies the rail. The lip 24 is sprung past a projection 27 on the support part 10 to be releasably held against the stop 25 in the secured condition of the rail.

Probable Assignee: HARRISON BIRMINGHAM LTD

Earliest Publication Date: 19690116



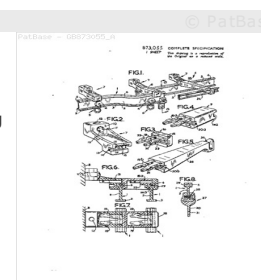
23) Family number: 20770733 (GB873055A)

IMPROVEMENTS IN OR RELATING TO CURTAIN RAIL FITTINGS

Abstract: Source: GB873055A 873,055. Suspending curtains. MONO CURTAIN RAIL CO. Ltd. April 28, 1960 [Jan. 28, 1959], No. 3007/59. Class 52(5). A curtain rail support comprises a bracket 10 and a cap 16 sprung into abutting relationship with the bracket, the abutting faces each having a groove 14, 20 to receive projections 6 from the rail 1. The bracket has mounting apertures 11, 12 and a boss 13 provided with a passage 15 slidably receiving resilient tongues 19 on the cap which have shoulders 22 to engage the inner face of the boss. The cap may be sprung into a secondary bracket 9 similarly mounted in the main rail to support an overlapping rail or be replaced by a valance support 25. End stops 27 with self-tapping screws are provided. The rails and brackets are of metal, nylon or other thermosetting plastic, a reinforcing wire being embedded between the flanges 6 of a plastic rail and, in a modification, the lugs are formed on the walls of the passage 15.

Probable Assignee: MONO CURTAIN RAIL COMPANY LTD

Earliest Publication Date: 19610719



24) Family number: 3518592 (FR2300528A)

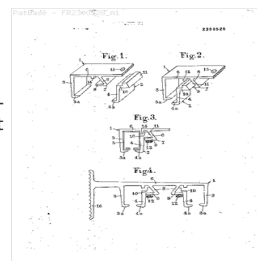
SUPPORT DE TRINGLE A RIDEAU CURTAIN RAIL SUPPORT BRACKET - HAS REMOVABLE LEG TO

SIMPLIFY INSERTION OF RAIL, LOCKED WITH WEDGING ACTION BY SCREW

Abstract: Source: FR2300528A (Claim 1) 1. Support de tringle a rideau comportant, de facon connue en soi, une ou deux parties en forme de-U renverse dont les branches, dirigees vers le bas, se terminent chacune par un petit retour d'equerre en direction de la branche opposee, de facon a encadrer et supporter une tringle "chemin de fer", caracterise en ce qu'une des deux branches de chaque partie en forme de U renverse est constituee par un element independant, separe de l'element principal, et susceptible de lui etre fixe apres mise en place de la tringle a rideaux. The curtain rail support bracket holds a pair of rails (5), each in the shape of an inverted U with rolled-over edges. It has a horizontal arm (6) with a pair of correspondingly inverted U-shaped extensions (3) suspended from it, to receive the rails. The inward facing vertical leg (4) of each U- shaped holding member (3) is removable, to assist assembly. When inserted, a wedge shaped portion (10) on top of the leg fits into a triangular recess formed by a bent arm (8, 9) on the underside of the horizontal arm (6). The wedge portion is then locked inside the recess by a screw (12) passing through the horizontal part (9) of the bent arm. The shape of this recess causes the removable leg to be forced upwards and also inwards against the curtain rail (5), to lock it.

Probable Assignee: SAADE AND CIE ETS

Earliest Publication Date: 19760910



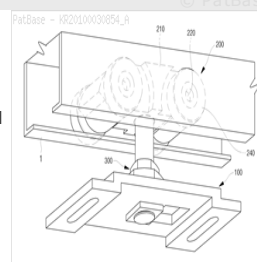
25) Family number: 44585805 (KR20100030854A)

A SLIDING APPATUS FOR RAIL

Abstract: Source: KR20100030854A PURPOSE: A slider device for a rail is provided to increase stability and structural reliability by reducing parts and detachably attaching the part. CONSTITUTION: A slider device for a rail comprises a support bracket(100), a roller unit(200) and a connecting unit(300). A curtain member is connected and supported with a support bracket. The roller unit moves on a rail(1) as sliding. The connecting unit connects the roller unit and the support bracket.

Probable Assignee: YU KWANG SIK

Earliest Publication Date: 20100319



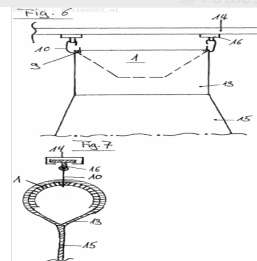
26) Family number: 15795787 (EP1166693A1)

SUPPORTING DEVICE FOR CURTAINS, LOOP TOP CURTAINS AND CURTAINS RODS OR RAILS FOR SUCH A SUPPORTING DEVICE

Abstract: Bracket support (1) comprises a supporting body for the bracket (16) and one or more sliding surfaces directed to the curtain rod or rail. Independent claims are also included for: (a) curtain rod fitting for hanging the curtain (15) comprising a curtain rod made of wood, metal or plastic, and a bracket support; and (b) a cylindrical rod consisting of several bracket supports.

Probable Assignee: MUELLER RALPH

Earliest Publication Date: 20020102



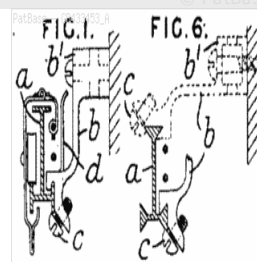
27) Family number: 18859537 (GB433453A)

IMPROVEMENTS IN AND RELATING TO CURTAIN RAILS AND SUPPORTING BRACKETS THEREFOR

Abstract: Source: GB433453A 32044. [Class 52 (v)] A curtain rail c adapted to be supported either at its top edge or at one side of its lower edge is formed of T-section along its top edge and of H-section along its lower edge, the flanges being parallel-sided or bevelled. Each rail-supporting bracket b has at one end a rectangular enlargement b<1> with through holes lying at right angles, and at the other end an openended groove by which it may engage a rail flange and be held thereto by the head of a screw c. Fig. 1 shows the rail supported along its lower edge, the outside lower flange forming a track for the runner, and Fig. 6 shows in broken lines the bracket arranged to support the rail along its top edge, both lower flanges then being used as runner tracks. Instead of being inclined as shown the screw c may be horizontal or vertical. Cord guides d and pulley fittings may be attached to the rail in the same way as the brackets b. The enlargements b<1> may be shaped to form cord guides.

Probable Assignee: GEORGE FREDERICK FRENCH

Earliest Publication Date: 19350819



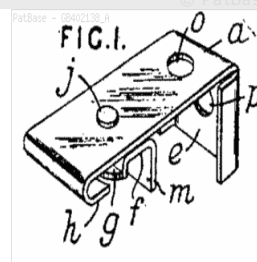
28) Family number: 19550404 (GB402138A)

IMPROVEMENTS IN OR RELATING TO BRACKETS FOR CURTAIN RAILS

Abstract: Source: GB402138A 23927 and 23926. Divided on 401,760. [Class 52 (v).] A bracket for supporting flanged-section curtain rails, or for supporting valance rods from such curtain rails, comprises an L-shaped member a having a hook h or inwardly projecting flange adapted to support the flange on one side of an I-rail, the flange on the other side being supported by a cam f pivoted at j between the hook h and the shorter limb e of the bracket. The cam has a downwardly turned flange g and a handle part m and is adapted to press the web of the rail against the hook or flange h. Holes o, p are provided for fixing the bracket to a support. To insert the rail the cam is turned so as to lie away from the hook h. The limb e may be replaced by a hook for a valance rod supported from the curtain rail.

Probable Assignee: ARTHUR POWELL

Earliest Publication Date: 19331124



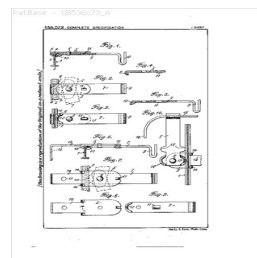
29) Family number: 20442828 (GB536073A)

IMPROVEMENTS IN BRACKETS FOR CURTAIN RAILS

Abstract: Source: GB536073A 536,073. Curtain rail brackets. JOHNSON, F. A. L. Dec. 23, 1939, No. 32846. [Class 52 (v)] A valance rail support or a combined valance support and securing bracket, of the kind having one part 5 lying on top of the runner rail 1 with a hook 6 engaging the inner head flange of the rail, and another clamp part 7 with a hook 9 for a valance rail pivoted at 8 to the upper part, is constructed so that the part 7 may be swung horizontally in either direction, and the nose 10 of the lower part is bevelled or set down so as to grip only the edge of the inner head flange of the rail. Where the part 5 is continued to form a securing bracket, the bracket part is narrower than the main part and is located between side hooks. A snap detent 11 is provided between the two parts.

Probable Assignee: FREDERICK ARNOLD LUCKMAN JOHNS

Earliest Publication Date: 19410501



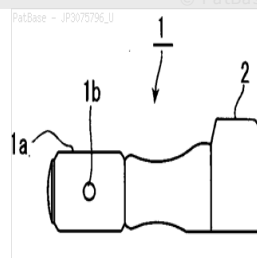
30) Family number: 42340499 (JP3075796U)

CORNER OF THE CURTAIN RAIL WOODEN BRACKET (MACHINE TRANSLATION)

Abstract: Source: JP3075796U

Machine translation: [summary] To provide a support bracket for possible adhesion to the curtain rail wooden corner wall [challenge]. curtain wall corner when fitted to this fixed part 2 Install the two mounting screws with the fixed portion is fixed to the wall mounting to 7 [resolution] is not a circular way, as well as to form a trapezoidal cross-section of asymmetrical yen part supported by the gap can be placed eight ring hanging between the wall (7) and mounting portion 1a of the support of rail 6 is formed, and abuts against the corner of 7 wall mounted by 2c portion of the corner of two fixed portion to support the curtain rail The configuration of the bracket and drilled the four holes between the two screw fixing portion fixed to said toward the corner from the long side portion 2c of 2 and the fixed portion.

Earliest Publication Date: 20010306



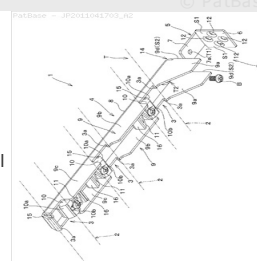
31) Family number: 48511324 (JP2011041703A)

CURTAIN RAIL FITTING

Abstract: Source: JP2011041703A PROBLEM TO BE SOLVED: To increase supportable loads and to strengthen the fastening of a fixing body and a bracket by providing support means for making the fixing body and the bracket abut on each other and supporting the load at a position separated in the vertical direction from a fixing body and a bracket fastening means. SOLUTION: A curtain rail fitting 1 includes the bracket 4 for engaging a curtain rail 2 with an engaging groove 3 and hanging it and the fixing body 5 for attaching and fixing one end of the bracket 4 to a wall surface W. The curtain rail fitting 1 further includes fastening means T for attaching and fixing a fastening portion T1 provided on the fixing body 5 and a portion T2 to be fastened provided on the bracket 4 through a fastener B, and the support means S for making an abutting portion S1 provided on the fixing body 5 and an abutment receiving portion S2 provided at the bracket 4, abut on each other at a position separated in the vertical direction from the fastening means T and supporting the load.

Probable Assignee: HINAKA SEISAKUSHO KK

Earliest Publication Date: 20110303



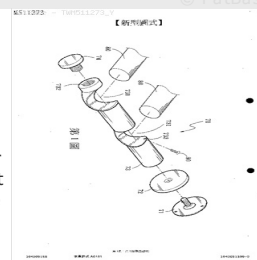
32) Family number: 61031528 (TWM511273Y)

CURTAIN TRACK FIXING STRUCTURE

Abstract: Source: TWM511273Y A curtain rail fixed structure, the Department for fixing holding two curtain rail, which includes a mast bolt connected to the wall of the base wall, a self-supporting prop rod extends the base of the wall, and a support bracket attached to the end of pole Each of the curtain track system, which comprises a support rod holder recessed pockets adjacent to the first side of the bolt mast, a recessed groove in the second capacitance between the capacitance of the first groove and the wall base, and each disposed in the groove of the first container and the second container groove, characterized in that: the support comprises a catcher rod communicating the first passage and the second permissible groove of the pockets, and one disposed within the channel adjacent to the The second side of the packing pockets bolt, and the packing bolt was located abutting the curtain rail groove of the second container.

Probable Assignee: ANDERS INT CO LTD

Earliest Publication Date: 20151101



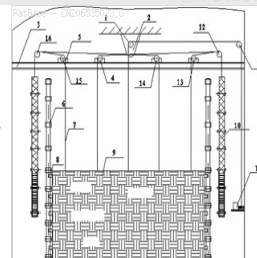
33) Family number: 67129484 (CN206535023U)

NOVEL FIREPROOF CURTAIN

Abstract: Source: CN206535023U The utility model discloses a novel fireproof curtain, including lifting pulley, bracket support, pulley support, counter weight steel wire rope pulley, pulley bearing frame, fireproof curtain guide rail, wire rope, leading wheel, the curtain body, counterweight, speed reducer, the utility model provides a novel fireproof curtain, catch fire stage and auditorium can be kept apart effectively to this fireproof curtain, for leaving of client provides the sufficient time, the emergence of spectator's injuries and deaths condition when preventing to flee.

Probable Assignee: JIANGSU NANYANG STAGE EQUIPMENT CO LTD

Earliest Publication Date: 20171003



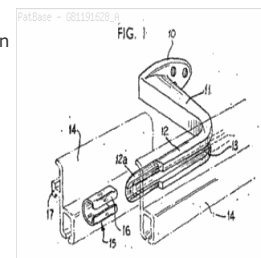
34) Family number: 713795 (GB1191628A)

IMPROVED CURTAIN RAIL SUSPENSION BRACKET

Abstract: Source: GB1191628A 1,191,628. Suspending curtains. THOMAS FRENCH and SONS Ltd. 14 Sept., 1967 [19 Sept., 1966], No. 41624/66. Heading A4B. A support bracket for a curtain rail 14 includes a rail-receiving section 12 extending at right angles from a wall mounted arm 11, the section 12 having a longitudinal, front slot 13 which receives a formation 17 on the rail 14 so that the end of the rail 14 may overlap the end of an adjacent rail 14. A sleeve 15 is fitted over the reduced, free end 12a of the section 12 to trap the formation 17 in the slot 13.

Probable Assignee: FRENCH AND SONS THOMAS

Earliest Publication Date: 19700513



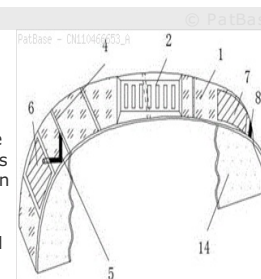
35) Family number: 76575739 (CN110466653A)

A PORTABLE ELECTRIC CAR SHED (MACHINE TRANSLATION)

Abstract: Source: CN110466653A The present invention discloses a portable electric car shed, including the shed body, foldable solar panels, windows, ventilation windows, shaft, an arcuate bracket, after rain curtain and wire, the middle of the top gear shelf body bonded with a foldable solar panels, and foldable solar panels, the lower surface is provided with Velcro on both sides of the shed body connected by rail and the lower rail mounted LED lamp, wherein the shed body rear mounted ventilation windows, ventilation windows provided with reflective strips of cloth and lower, the gear shed top body mounted on both sides of rain, and the rain curtain curtain stocker stocker installed inside the shaft, the shaft outer surface wrapped around the main rain rain curtain curtain and main lower end fitted with snap, the ventilation window outer ends provided with secondary rain curtain. The portable electric car shed shed with curved bracket support body for electric vehicle driver block wind and rain, in bad weather conditions still can use electric vehicle travel.

Probable Assignee: HUIAN POSITIVE DAY NEW MATERIAL TECHNOLOGY CO LTD

Earliest Publication Date: 20191119



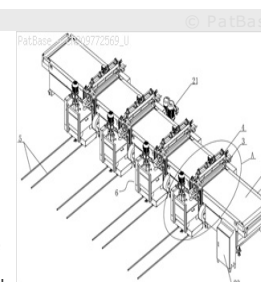
36) Family number: 76901643 (CN209772569U)

FOUR HEAD PULL-SHOWER CURTAIN (MACHINE TRANSLATION)

Abstract: Source: CN209772569U The utility model provides a four-head pull-shower curtain, which makes integrated in the production line of the shower curtain head during the paint, maintenance, does not affect the normal production line, the rest of the station curtain, so that the entire production line, high production efficiency. Which includes five sections, each section the delivery conveyor frame holder is provided with a feed zone, two adjacent the spacing between the transport rack placed with paint, the paint receiving groove accommodating groove just above the shower head is provided with a curtain, each of said paint just below the receiving groove provided with a horizontal transverse rails, the horizontal transverse rails and the conveyor frame supported on the same support surface, said horizontal transverse guide rail perpendicular to the longitudinal direction of the feeding belt conveyor arranged, corresponding to the curtain head mounting bracket through rollers fitted on said horizontal transverse guide rails and each of the shower curtain head mounting bracket includes a first side bracket, the second side bracket, the outer side of the support bracket, the first side support and the second side bracket by connecting frame connection, connecting frame located in said feeding belt is provided below.

Probable Assignee: KUN SHAN FENG QIAO MACHINERY CO

Earliest Publication Date: 20191213



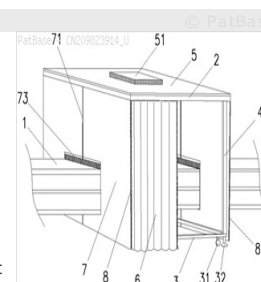
37) Family number: 76982123 (CN209823914U)

A FULL HIGH-DEFINITION DIGITAL TELEVISION FOR EFFICIENT DETECTION DEVICE (MACHINE TRANSLATION)

Abstract: Source: CN209823914U A full high-definition digital television special efficient detection means being disposed in the pipeline, including the console bracket, support columns, lower bracket, light shielding shutter, the first shade and the second shade; the bottom ends of the curtain rail bracket; said support column vertical connecting the upper bracket and the lower bracket; the light shielding shutter is disposed horizontally at the top of the bracket, said ventilation means comprises a ventilation cover, holder, motor and fan, the first blackout curtains curtain activities connected with the upper end of the rail; the second shade fixedly disposed in the bottom of the bracket on both sides of said second light-shielding curtain on both sides by zipper activities connected with the first shade and the second shade surface is provided with an opening, said opening has a plurality of closely spaced upper end of the light-shielding cloth. The first shade and the second shade between the use of a zipper activities connected, convenient detection of personnel, but also play a good sealing the shading effect.

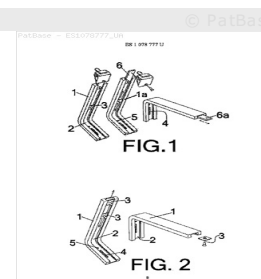
Probable Assignee: ZHENJIANG HUAKE DIGITAL CO LTD

Earliest Publication Date: 20191220



38) Family number: 53179439 (ES1078777U)

ESCUADRA PARA SOPORTE DE UNA CORTINA Y SIMILARES SUPPORT BRACKET FOR A CURTAIN AND SIMILAR (MACHINE TRANSLATION)



Abstract: Source: ES1078777U 1. Escuadra para soporte de una cortina y similares, del tipo de las que presentan una serie de hendiduras (4) y/u orificios (5) para anclarse a la superficie habilitada; y en donde las hendiduras (4) a su vez sirven como elemento de regulacion de altura; y que esta caracterizado porque comprende un primer cuerpo (1), con forma esencialmente de "L", y en donde en su cara vista (1a) se presenta una segunda guia (2) en donde se inserta al menos un tercer elemento de fijacion (3) donde se fija el soporte de la cortina o similar. 2. Escuadra de acuerdo con la reivindicacion 1 en donde incorpora solidariamente insertado en la guia (2), un cuarto cuerpo (6) plano, a modo de soporte de caracter extensible. 3. Escuadra de acuerdo con la reivindicacion 1 en donde incorpora al menos dos elementos de fijacion (3) en el interior de la guia (2). 4. Escuadra de acuerdo con cualquiera de las reivindicaciones 1 y 2 en donde el cuarto cuerpo (6) plano, presenta en su superficie al menos dos orificios (6a) de union al primer cuerpo (1) y al cuerpo del riel de la cortina o similar. 5. Escuadra de acuerdo con cualquiera de las reivindicaciones anteriores en donde los elementos de fijacion (3) son tuercas unidas con tornillos.

Machine translation: 1. Bracket for supporting a curtain and the like, of the type having a series of indentations (4) and / or holes (5) anchored to the surface to be enabled, and wherein the slits (4) in turn serve as element height adjustment, and which is characterized in that it comprises a first body (1), with an essentially "L", and wherein in its visible face (1a) has a second guide (2) in which is inserted at least a third fixing element (3) which fixes the support of the curtain or similar. 2. Bracket according to claim 1 which incorporates integrally inserted in the guide (2), fourth body (6) plane, a character mode extensible support. 3. Bracket according to claim 1 wherein incorporates at least two fixing elements (3) inside the guide (2). 4. Bracket according to any of claims 1 and 2 wherein the fourth body (6) plane, presenting on its surface at least two holes (6a) of attachment to the first body (1) and body of the curtain rail or similar. 5. Bracket according to any preceding claim wherein the fixing elements (3) are attached with screws nuts.

Probable Assignee: SOLUCIONES DECORATIVAS LUXVAL S L

Earliest Publication Date: 20130307

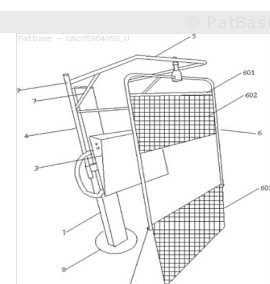
39) Family number: 65040988 (CN205964059U)

RABAT FRAME WITH PROTECTION CURTAIN

Abstract: Source: CN205964059U The utility model discloses a rabat frame with protection curtain, including guide rail post, sliding bracket, spool box, antithetical couplet movable support and protection curtain, sliding bracket install in on the guide rail post, the spool box is connected respectively with antithetical couplet movable support sliding bracket, protection curtain connects ally oneself with movable support. The utility model discloses realize spool box and protection curtain's integration, the person's of being examined position with shelter from the protection and go on simultaneously, need not additionally to prepare safeguard procedures, save the pendulum position time of preparation of safeguard procedures, reduce medical personnel's intensity of labour, let every person of being examined examined and obtain better protection simultaneously.

Probable Assignee: HAIKOU PEOPLE S HOSPITAL

Earliest Publication Date: 20170222



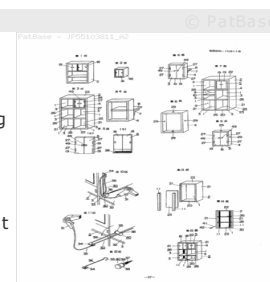
40) Family number: 6792915 (JP55103811A)

UNIT FURNITURE

Abstract: Source: JP55103811A The name of the invention claim 1 [Source: I 2 (1) suitable several unit furniture claims the front opening of the furniture body having a cavity, the front opening of the furniture body cavity opening an appropriate fitted fixed to the front frame and the unit comprising the pre-formed and sliding door closing the door unit of each one of the unit or the like food to the unit to the inner peripheral surface of the front frame selectively mounted unit, characterized by comprising t- furniture. (2) Unit unit front frame by a mounting member attached to the rear surface of the front opening in this shelf unit shelf vertical cavity K by paper making it is characterized in that so as to divide the scope of the claims, according to claim claim 1, 1 Tsu furniture. (3) the front opening of the furniture body cavity at an appropriate fasteners, attach the shelf by the partition shelf front opening up and down by a partition so as to partition the cavity K shelf it is characterized in that wherein the unit furniture range set forth in claim 1. (4) on the rear surface of the front opening of the furniture body cavity a portion each respectively so as to open. J disposed on duty-cycle characterized in that it consists of claims first term to paragraph 3, according to any one of Soto unicast furniture. The upper surface of the furniture body 5, a pair of rail members, the colleague is bent in a substantially U-shaped curtain rail suspended both a 0LiI Courtesy #39;, the rail member along with the support, with respect to each of these rails for loading and unloading freely courtesy rails in the extended position in the curtain rail in a simple upper surface of the cover to the housing portion, characterized in that by forming a #39; t-the scope of the claims first term to 84 unit according to any one of the furniture. (6) the parallel portion of the courtesy rail support bracket, each 71j- added by the hanging rod at both ends in favor of the scope of the claims, characterized in that it comprises the unit according section 5 furniture. 3,

Probable Assignee: MATSUSHITA ELECTRIC WORKS LTD

Earliest Publication Date: 19800808



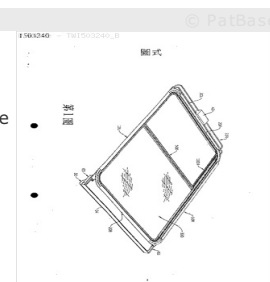
41) Family number: 53188978 (TWI503240B)

MAINTENANCE DEVICE FOR TENSION OF CURTAIN OF SUNROOF

Abstract: Source: TW201418064A This invention relates to an improvement of maintenance device for tension of sunroof curtain, mainly comprising: a plurality of rail frames which are formed with a hinge groove and a rail groove respectively disposed on both sides therein and maintaining a certain interval; a plurality of slide rails having hinge rail inserted in the hinge groove, the hinge rail being provided with a rail opening part having a width smaller than that of the hinge rail; a plurality of tooth units wider than the rail opening part and disposed on both sides of the preset curtain, and the plural tooth units being installed on the hinge rail to form a slidable curtain unit; supporting brackets formed on the plural tooth units; adhesive layer or double-sided adhesive layers arranged on the supporting brackets; a plurality of traction sliders having sliding stick to be embedded into the rail groove for sliding; and a traction rod which is assembled between the traction sliders, and the curtain being provided with a second curtain port connected to one side of the traction rod. The curtain is provided with curtain side edges at two sides, and the adhesive layer is adhered to the curtain side edges.

Probable Assignee: JUN DAE CHUL

Earliest Publication Date: 20130311



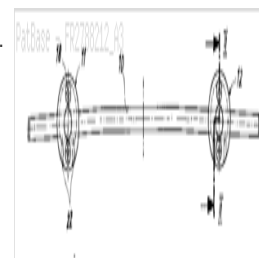
42) Family number: 16066087 (FR2788212A)

ATTACHMENT BRACKET FOR CURTAIN RAIL

Abstract: The bracket has two support elements (11,12) which support the rail (10) at two distal positions. Both support elements together provide four positions of support for the rail, where each element has two support points. At least one of the elements is adjustable in such a way that a curvature of the rail can be equalized. The elements each have a cylindrical support arm (13) with a lateral bore for receiving the rail.

Probable Assignee: MHZ HACHTEL AND CO

Earliest Publication Date: 19990506



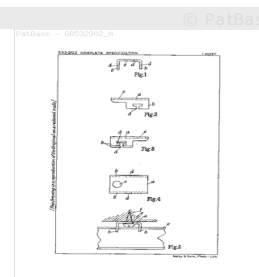
43) Family number: 20346024 (GB532902A)

IMPROVEMENTS RELATING TO CURTAIN RAIL BRACKETS

Abstract: Source: GB532902A 26519. [Class 52 (v)] A curtain rail support comprises a bracket c having two wings b provided with slots d to engage the rail, the slots being slightly displaced with respect to each other so that when the bracket is firmly secured by its screw f the bracket is slightly distorted and grips the rail flange tightly. Specification 300,939, [Class 52 (v)] is referred to.

Probable Assignee: SIDNEY CHARLES HARRISON

Earliest Publication Date: 19410203



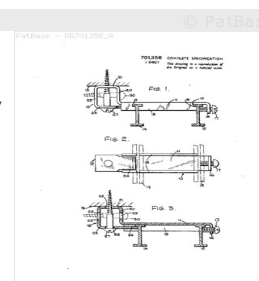
44) Family number: 20597781 (GB701356A)

IMPROVEMENTS IN OR RELATING TO BRACKETS FOR SUPPORTING CURTAIN RAILS

Abstract: Source: GB701356A 701,356. Suspending curtains. SMITH and DAVIS. Ltd. April 30. 1953 [May 7, 1952], No. 11506/52. Class 52(5) A curtain rail bracket to support overlapping rails comprises a body 11 with dependent edge flanges 18 having recesses 19 to receive the curtain rails 14, 15. The outer rail is held in position by a screw 17. Integral with the body 11 is a boxshaped connecting member 12 with a tongue 24 extending under the body 11. The connecting member is formed with aligned holes so it can be secured to a horizontal or vertical surface. The arrangement is such that in each case the tongue 24 is displaced so that the web or the upper flange, of the rail 14 is gripped between the tongue and the underside of the bracket body.

Probable Assignee: SMITH AND DAVIS LTD

Earliest Publication Date: 19531223



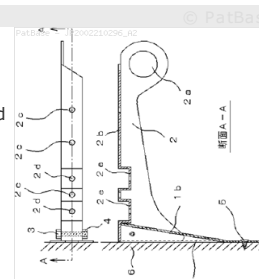
45) Family number: 23573925 (JP2002210296A)

BRACKET SUPPORT

Abstract: Source: JP2002210296A PROBLEM TO BE SOLVED: To provide a bracket support capable of effectively using a space by integrating a place for supporting and installing a laundry pole, a shelf plate, and a curtain rail, and further capable of being manufactured easily, and being mounted easily. SOLUTION: A bracket receiver body 2 having a part of supporting the laundry pole 2a, a part for supporting the shelf plate 2b, and a part for supporting the curtain rail 2c, and a supporting and mounting plate 1 for a wall surface having a body mounting receiving part 1b are structurally separated, are integrally mounted, and are formed so as to fix on the wall surface 6.

Probable Assignee: TAKAI ICHII

Earliest Publication Date: 20020730



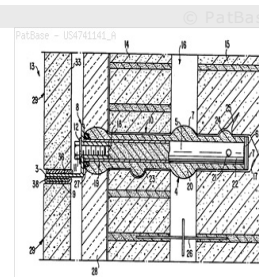
46) Family number: 3882245 (US4741141A)

BRACKET-STYLE SUPPORT ELEMENT FOR CURTAIN FACADES ON BUILDING WALLS

Abstract: Source: US4741141A Bracket-style support elements (10) to be mounted subsequently to a building wall (14, 15) for a curtain facade (13) consist of a horizontal support (2) with at least two associated, bolt-like wall mounting elements. In order to make it possible also to use normal facing stones, to be able to anchor the support element securely in the foundation masonry (14, 15), and to ensure reliable protection against wetness as well as good insulation, the wall mounting elements are constituted by grouting anchors (4) surrounded up to the support (2) by a sleeve (7) and exhibiting respectively a central anchoring bolt (5) with a barbed disk (6) arranged at the insert end (22), and the support (2) is constituted by an L-shaped rail (3), the grouting anchors (4) projecting from the vertical leg (8) of this rail on the side facing away from the horizontal leg (9).

Probable Assignee: INT INTEC CO ESTABLISHMENT RHEINBERGERSTR 6 FL 949

Earliest Publication Date: 19861029



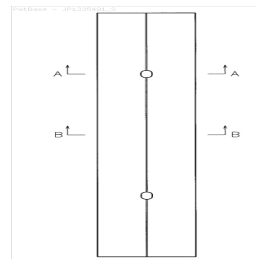
47) Family number: 69263989 (JP1335491S)

CURTAIN RAIL MATERIAL (MACHINE TRANSLATION)

Abstract: Source: JP1335491S The article is mainly such as a building window opened and closed by an electric curtain attached to the inside of the runner hold the lowered support suspending the driving machine is to guide so as to be incorporated into the curtain rail material. The article, on - a cross-sectional view of the top half represented by the space to the drive machine and the power transmission mechanism is incorporated, Fig. the upper and lower halves is divided into right and left inward projecting portion at the top and bottom symmetrical runner a guide rail for guiding the lower side of the unit. B-B cross-sectional view of the left and right of the intermediate connecting portion of appearing in the reinforcing member is disposed at predetermined intervals. The article, building side, attached to the support bracket of the inverted L-formed is lowered supported suspended by a reference diagram showing the use state, as represented by using It is. It should be noted that this article by extrusion molding of aluminum is formed. Is a front view of the present design, the only in the vertical direction continuously. Left side view is a right side view and symmetry is omitted because it appears Bottom view is a plan view appears vertically symmetrically with omitted.

Probable Assignee: TSUBOI NOBUYUKI

Earliest Publication Date: 20080714



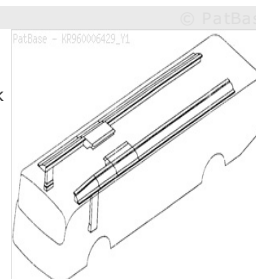
48) Family number: 16338483 (KR960006429Y)

AIRCON-DUCT FOR A BUS COMBINED WITH A SHELF

Abstract: Source: KR960006429Y [Source: claim 1] 1. Air conditioning duct and shelves of a bus, wherein the rack is secured inside the top board (2) (3) bus and the bus cloth curtain rail support shelf support bracket (5) in a fixed state is fixed between the shelf (1) and the lower board (9) to (1) formed in the bottom portion of the shelf rail 7 and the outer side of the inlet duct is installed between the rail (8) (6), air-conditioning and air conditioning duct 6 shelf (1) in the upper and lower layers, combined together to achieve a shelf characterized in that the duct for serving as a bus.

Probable Assignee: HYUNDAI MOTOR CO LTD

Earliest Publication Date: 19960725



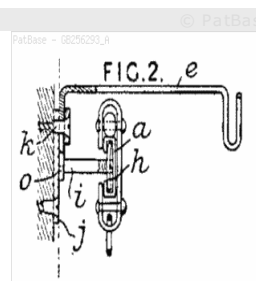
49) Family number: 18259196 (GB256293A)

IMPROVEMENTS IN OR RELATING TO DEVICES FOR SUPPORTING CURTAINS AND THE LIKE

Abstract: Source: GB256293A Brackets, securing; curtains, suspending. A supporting bracket for a hollow curtain rail a comprises a Tshaped projection the head of which is located within the rail. In the construction shown each bracket comprises a stem i carried by an attachment plate and screw threaded to receive a plate h within the rail. A valance support, comprising a bracket arm e with a slotted lower end to pass over one fixing screw k of the main bracket may be provided. The slot is enlarged at its lower end to embrace a boss o on the attachment plate j. The rail a may be oval in section with the major axis arranged vertically.

Probable Assignee: WILLIAM HOPKINS AND SON LTD

Earliest Publication Date: 19260803



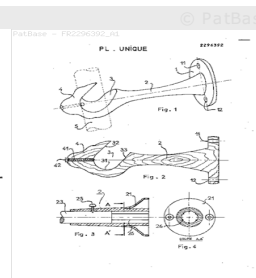
50) Family number: 3489661 (FR2296392A)

CANTILEVER BRACKET SUPPORT FOR CURTAIN RAILS - HAS INCLINED U SECTIONED NOTCH RECEIVING RAIL ALLOWING MOUNTING ON WALL OR CEILING

Abstract: Source: FR2296392A (Claim 1) REVENDICATION 1. Support de tringle pour rideaux a patere, destine a etre fixe a l'appui contre une paroi, comprenant une base, un fut et un renflement avant entaille pour le passage de la tringle, caracterise: - en ce que le fut comprend deux elements emboites telescopiquement l'un dans l'autre, un element male et un element femelle, le dit element femelle comportant de fines nervures longitudinales en relief sur sa paroi interieure. The cantilever bracket for supporting curtain rails, has a notch with radial locking screw which receives the rail and is of such geometry that the rail is secure whether the bracket is mounted on wall or ceiling surfaces. The bracket has a base plate (1) with apertures (11, 12) for fixing screws, an arm (2) emanating perpendicularly from the base plate to form a bulbous head (4), and a 'U' sectioned notch cut (3) in the head. The axis of the 'U' notch inclines at 45 deg. to the vertical and leans towards the base plate, and pref the arm and base plate with neck telescope together with a radial locking screw to provide adjustability of bracket length.

Probable Assignee: CHENEVEZ MAX

Earliest Publication Date: 19760730



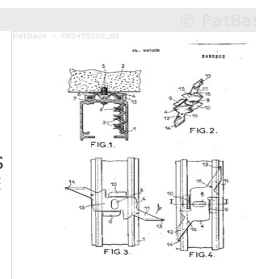
51) Family number: 3877933 (FR2455202A)

FIXATION D'UN PROFILE SUR UN SUPPORT FIXTURE FOR PLASTICS OR METAL SECTION TO SUPPORT - USES ROTATABLE BRACKET TO ROTATE SECTION, ESP. FOR ELECTRICAL CONDUIT FITTING TO CEILING

Abstract: Source: FR2455202A L'INVENTION CONCERNE LA FIXATION D'UN PROFILE SUR SON SUPPORT, EN PARTICULIER D'UN PROFILE CONTENANT DES CONDUCTEURS ELECTRIQUES DENUDES, DESTINE A RECEVOIR DES APPAREILS ELECTRIQUES A CONTACTS GLISSANTS. CETTE FIXATION S'OBTIENT PAR INSERTION D'UNE PIECE DE LIAISON ROTATIVE DANS UNE RAINURE DU PROFILE A SECTION DU GENRE "QUEUE D'ARONDE". APPLICATION: ECLAIRAGE A PARTIR D'UN RAIL MULTICONDUCTEURS. The method of mounting plastic or metal section, for example curtain rail or track for mounting 'spot' lights, uses galvanised steel brackets (4) which are fixed to the mounting surface so they are free to rotate. Shoulders (9,10) are provided on the bracket which, while the bracket is perpendicular to the section, fit between the edges of the section, but fit under the edges to provide support when the bracket is rotated through 90 degrees. Dimples (16) on the bracket click over the edge to hold the bracket in the locked position. Flats (12,13) are provided on the bracket to allow manual rotation into the supporting position. An oval hole (8) for fixing the bracket to the surface allows small adjustments of its position.

Probable Assignee: PHILIPS IND COMMERCIALE

Earliest Publication Date: 19801121



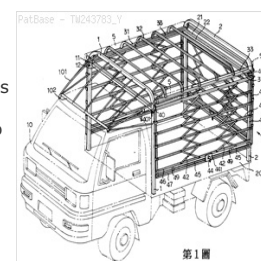
52) Family number: 45712585 (TW243783Y)

CANVAS OF STRUCTURE A BOX CANVAS VEHICLE IMPROVES (MACHINE TRANSLATION)

Abstract: Source: TW243783Y The present record as the department to provide an optimisation of box-type canvas canvas shelf, the knockout knot skis improved box type canvas frame comprises a front frame main beam diameters second branch Mo-type, the second main beams of the left and right two side frame 00, left and right two transverse frame cross frame connected to the connecting frame disposed in parallel arrangement of the support bracket 00 then ammonia; Yet in-Mo-type main beams each provided with a second support frame above the rail frame, the other two sides of the frame around the main beam in two Mo-type of 00 also set a solitary support rail frame; In addition, the left and right two side opposite rear lift door is composed of three block ? amino branched moves X-type elbow, ? ? and cooperation and Mo-type outer frame composed, wherein, design than the upper end of the two side moves, ? is connected by two support support, ? ? book support and fixed beneath the two main beam frame; MO-type In turn, each of the two shift root end has perforations, for Mo-type outer frame through the design and the amination over, when sesame lift door expansion 00 may be three sides, while the car bucket cover spacious timely, can be collapsed when the lift door, turn 90 degrees and then horizontally beneath the rail into the frame after female collections; In addition, in the second main beam frame of Mo-type upper end of the two side and rear frame set by telescopic cigarettes cigarettes canvas curtain, curtain concentration measurements: the canvas cover spacious, and then to be three sides undeveloped anti-wind, rain, sun function.

Probable Assignee: CHEN YING JI

Earliest Publication Date: 19950321



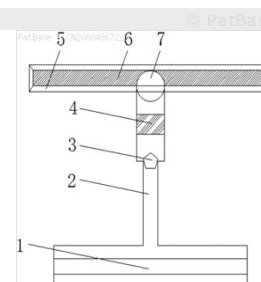
53) Family number: 68104133 (CN206848672U)

PROJECTING APPARATUS SUITABLE FOR USE IN CLASSROOM

Abstract: Source: CN206848672U The utility model discloses a projecting apparatus suitable for use in classroom, including projecting apparatus work main part, upper end installing support and projection curtain, projecting apparatus work main part is passed through telescopic bracket and is connected with the upper end installing support, telescopic bracket internally mounted has the automatically controlled unit of PLC, projecting apparatus work main part internally mounted has the mainboard, the projecting apparatus work main part upper right corner is installed feeling of distance and should be installed, feeling of distance should install the right side and install information processing apparatus, projecting apparatus work main part internally mounted has the projection lens cone, and projection lens cone front end passes the organism shell and expose outside, install pulley guide rail in the installing support of upper end, the last pulley of installing of pulley guide rail, and pulley guide rail passes through the pulley and is connected with telescopic bracket, the frame is installed to projection curtain both sides, and the frame symmetric distribution, mounts has reflection of light refraction mirrorsurface. The utility model discloses, simple structure, reasonable, the actual environment of adaptation that can be better, the practicality is strong.

Probable Assignee: WANG JIANXIN

Earliest Publication Date: 20180105



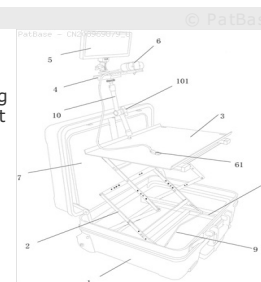
54) Family number: 74659293 (CN208969879U)

PORTABLE FOLDING TYPE TEACHING COURSEWARE RECORDING DEVICE

Abstract: Source: CN208969879U The utility model discloses a portable folding type teaching courseware recording device. The device comprises a draw-bar box, a telescopic bracket, a workbench, a mounting holder, a surface light lamp, a camera, a foldable curtain and a bracket, the telescopic support is arranged at the bottom of the workbench. the bottom of the telescopic bracket is fixedly arranged in the draw-bar box body; the folding curtain and the bracket are folded and accommodated on the inner side of the draw-bar box cover; the mounting holder is connected and fixed to the upper portion of the workbench through a universal metal connecting arm. the surface light lamp is connected to the inner side of the upper part of the mounting holder; a guide rail is arranged on the front side of the upper part of the mounting holder; the camera is connected to the guide rail in a sliding mode and can move front and back along the guide rail, a notebook computer is placed on the workbench, the camera is connected with the notebook computer through a USB interface connected with a wire for data transmission, and the multifunctional computer desk is novel in design, simple in structure, high in practicability and rapid in installation and operation.

Probable Assignee: ROOF

Earliest Publication Date: 20190611



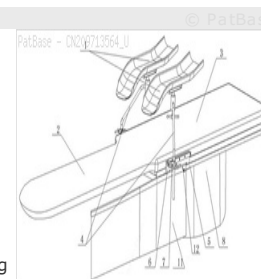
55) Family number: 76751425 (CN209713564U)

A PHILIPS DSA SPECIAL OPERATING TABLE LITHOTOMY POSITION BODY FRAME (MACHINE TRANSLATION)

Abstract: Source: CN209713564U The utility model discloses a Philips DSA special operating table lithotomy position body frame, including two legs, each leg holder bracket leg rest on the support rod, for fixing the support rods of the fixed leg, the leg holder bracket strut support care through the combiner; wherein one leg fixed leg holder support rod slidably connected to the support closing operation surgeon standing on the side of the Philips DSA operating table side rail head end, another leg holder disposed in operation surgeon standing side Philips DSA operating table side rail head end; in operation surgeon standing side rail head end of the socket is provided with two lead screen protective curtain rail head uses displacement adjusting bracket leg rest operation surgeon standing side by the fixed leg, the leg holder bracket strut bearing activities connected to the combiner leg holder displacement adjustment bracket. The utility model can effectively alleviate or even eliminate the patient caused due to no support leg leg muscle tension sensation, pain, especially increases patient comfort and reduce tubal surgery interventional treatment of patients, the incidence of discomfort.

Probable Assignee: SHENGJING HOSPITAL OF CHINA MEDICAL UNIV

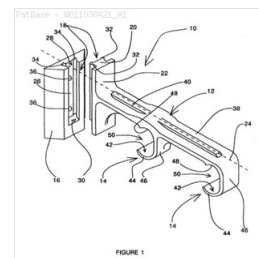
Earliest Publication Date: 20191203



Abstract: A curtain rail supporting bracket 10 comprises a rail holding part in the form of a cantilever extending type arm 12 that is formed to accommodate curtain railing there along by way of a number of seats 14 and an attachment part in the form of a wall securable body 16 to which the arm 12 is releasably securable by way of a sliding engagement layout 18. The sliding engagement layout 18 is constituted by a slide formation 20 at the trailing end of the arm 12 and a recess 26 that extends down the body 16 along which the slide formation 20 is receivable from an overhead entrance 28. Each seat 14 is found within a rail-receiving zone 42 that is dimensioned to snugly match the cross sectional profile of conventional curtain railing.

Probable Assignee: ANTON HEUNIS

Earliest Publication Date: 20110331



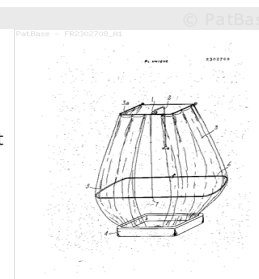
57) Family number: 3532471 (FR2302708A)

DOUCHE PERFECTIONNEE SHOWER UNIT FOR RESTRICTED SPACE - HAS REMOVABLE OR FOLDING FRAME SPREADING SHOWER CURTAIN TO PREVENT CLINGING TO BODY

Abstract: Source: FR2302708A (Claim 1) 1. Douche perfectionnee, caracterisee en ce qu'elle comporte, dispose horizontalement, un arceau dont la dimension est telle qu'elle augmente l'espace interne de la douche et main@i@nt ainsi @ carte le rideau du corps de la personne qui se douche The shower unit has a sprinkler head above a base (4) and the area is enclosed by a waterproof curtain (3) sliding on an overhead rail (3a). In the lower half of the enclosed area is a rectangular frame (6) having rounded corners and bored ends (5). One long side is fixed to the wall by a centrally placed support bracket. The other long wide is supported by a cord (7) suspended from the overhead rail. The frame increases the area available inside the shower by spreading out the curtains surrounding it. When not in use, it may be removed or folded to take up less space.

Probable Assignee: GUARDIA SEBASTIEN

Earliest Publication Date: 19761001



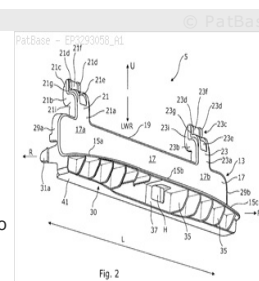
58) Family number: 64052580 (EP3293058B1)

HALTERUNG VON SEITENVORHANGAIRBAG EINES FAHRZEUGES VEHICLE CURTAIN AIRBAG BRACKET

Abstract: Source: EP3293058A1 A bracket (5) for a curtain airbag system (1, Fig. 7) is mounted to a vehicle (3, Fig. 1) interior part above a structural pillar (11, Fig. 3). The bracket (5) includes a body (13) having a first guide surface (15) for guiding deployment of the airbag (7, Fig. 7) to clear a pillar trim element (9, Fig. 8); and a load bearing hooking member (21) for attaching the body (13) to the vehicle, wherein the hooking member (21) hooks into an aperture (27a, Fig. 3) formed in a vehicle structural element, such as a cant-rail (25, Fig. 3); and includes a plastically deformable portion (21d), which deforms on insertion into the aperture (27a). Clips (31a, 31b; Fig. 5) also locate the bracket on the cant-rail. The bracket may be a plastic moulding, and may be fitted without bolts from outside the vehicle during assembly.

Probable Assignee: NISSAN MOTOR MFG UK LTD

Earliest Publication Date: 20180314



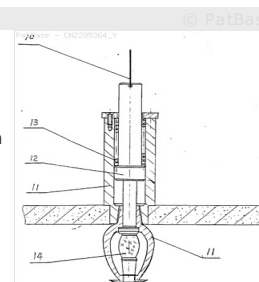
59) Family number: 16371313 (CN2285364Y)

FIREFIGHTING SCROLLING DOOR

Abstract: Source: CN2285364Y The utility model relates to a firefighting scrolling door, comprising a guide rail, a curtain surface, a support bracket, a scroll, an electrical motor, a clutch, a driver and an electric control box. The utility model is characterized in that a temperature-sensing automatic controller is connected with the clutch through a traction rope, the temperature-sensing automatic controller comprises a casing body, a pushing draw rod and a spring are arranged in the inner cavity of the casing body, and the lower end of the pushing draw rod is provided with a closed fire-extinguishing nozzle or a melting sheet. Under the condition of power failure or no person, once fire occur, the fire-extinguishing nozzle or the melting sheet of the temperature-sensing automatic controller can burst automatically to drive the curtain surface to fall by self weight, and the goal of fire separation is realized.

Probable Assignee: GANG DU

Earliest Publication Date: 19980701



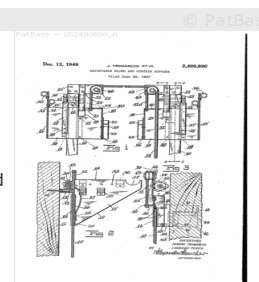
60) Family number: 22439543 (US2490890A)

ADJUSTABLE BLIND AND CURTAIN SUPPORT

Abstract: Source: US2490890A 1. An adjustable support of the class described, comprising a pair of rails secured to the vertical pieces of a window frame, a pair of brackets each slidably secured to said pair of rails, draw-string means between the brackets and the rails for raising and lowering said brackets, a supporting latch arm secured to the upper end of each rail and engaging an opening in each bracket to support said brackets when in uppermost position, a ratchet wheel secured to each rail adjacent the upper end thereof, a ratchet arm secured to each of said brackets and engageable with each of said ratchet wheels, and cam means operative by said ratchet wheel on each of said rails for releasing the latching arm from each bracket when the brackets are raised above the uppermost supporting position,

Probable Assignee: JOSEPH TRIMARCHI

Earliest Publication Date: 19491213



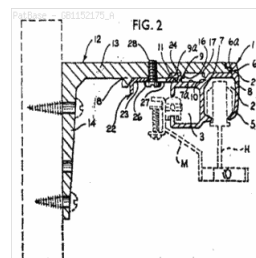
61) Family number: 699180 (GB1152175A)

CURTAIN SUPPORT OF ASSEMBLIES

Abstract: Source: GB1152175A 1,152,175. Suspending curtains. KIRSCH CO. 7 June, 1966, No. 25390/66. Heading A4B. A curtain rod 1 is releasably engaged with a support bracket 12 having a projection 21 at its free end engaged in a rearwardly open, longitudinal groove 6 above the top wall 7 of the rod 1 and carrying rearwardly of the rod 1 a locking key 22 which is engageable in a further, rearward groove 11 in the rod 1. As shown, the key 22 is secured to the bracket 12 by a bolt 28 engaged through a slot 27 in the key 22 such that the key 22 is slidable due to the camming action of the key end (22a) with a bracket rib. 18 as the bolt 28 is tightened. Alternatively (Fig. 6), a locking member (60) is integral with a bracket (56) having a flexible leg (62) engaged by a bolt (66) which effects a clamping of a rail flange (51) against the underside of the bracket (56). The rod (40, Fig. 6) may comprise a tube with longitudinal flutes (46). The bracket (12) may be secured to a ceiling or may include a depending limb 14 for wall mounting. A bracket (32, Fig. 4) may join two rods (31, 33) end-to-end. The key may comprise a cam (41, Fig. 5) screwed to the bracket.

Probable Assignee: KIRSCH CO

Earliest Publication Date: 19690514



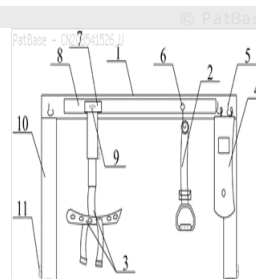
62) Family number: 73321935 (CN208541526U)

SUPPORT IS USED IN ORTHOPEDICS NURSING

Abstract: Source: CN208541526U The utility model provides a support is used in orthopedics nursing, including the lateral frame, arm nursing structure, shank hanger plate structure, the shielding curtain structure, the couple, the thread slipping, the slider, the slide rail, fastening screw, support column and fixing bolt, horizontal support bracket bolt connect the upper end at the lateral frame, arm nursing structure articulate the surface at the lifting hook that the thread slipping set up, shank hanger plate structure weld connect the lower surface at the slider, the shielding curtain structure articulate the couple the surface, the couple weld the positive superficial left and right sides at the lateral frame respectively. The utility model discloses the setting of elastic band is favorable to patient to lie in recovered exercise of the enterprising expert portion of sick bed, also can play traction effect, the air vent has been offered on the positive surface of layer board, is favorable to playing ventilation cooling's effect, prevents that the nursing department position from crossing the outbreak pathological change because of the moisture, the setting of adjust detaining is favorable to conveniently adjusting the length of elastic band, satisfies the needs that different patients used.

Probable Assignee: LIUGUANG XIU

Earliest Publication Date: 20190226



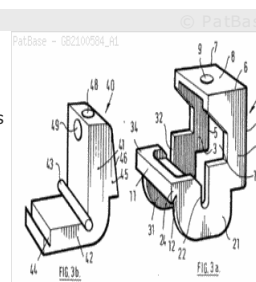
63) Family number: 8921755 (GB2100584A)

SUPPORT BRACKET

Abstract: Source: GB2100584A A bracket, particularly for mounting curtain rails, comprises an outer shell of the form shown in Figure 3a, and (pivotally mounted within said shell by pivot pin 43 engaging slots 22,32) a member as shown in Figure 3a; whereby the formations 12,44 form jaws which close upon either (a) securing the bracket to a vertical surface via a screw passed through aperture 49 (Figure 3b) or (b) the bracket is secured to an overlying horizontal surface by a screw passed upwardly via both holes 48 (Figure 3b) and 9 (Figure 3a). The jaws are adapted to grip a dovetail ridge externally formed on a curtain rail.

Probable Assignee: SWISH PROD

Earliest Publication Date: 19830106



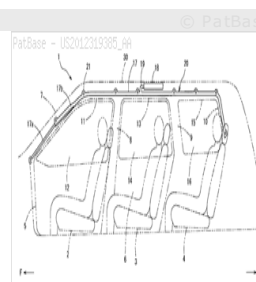
64) Family number: 49511964 (US2012319385A)

CURTAIN AIRBAG DEVICE FOR VEHICLE

Abstract: Source: US2012319385A A curtain airbag device for a vehicle has a curtain airbag main body 17 that is disposed along a longitudinal direction of a vehicle body while covered with an A pillar trim 41 and roof trim 42, and folded in an A pillar 7 and a roof side rail part 30 of the vehicle body so as to be able to deploy downward within a cabin. The curtain airbag main body 17 is provided with a twisted part 17b that is twisted such that an initial deployment force, generated upon inflation and deployment of the curtain airbag main body 17 located in a vicinity of the A pillar trim 41, is acted in a separation direction in which the A pillar trim 41 is parted away from the A pillar part 7, to push open the A pillar trim 41 toward an inside of the cabin. At least an upper surface of the twisted part 17b is regulated by a supporting bracket 21 and disposed in the vehicle body.

Probable Assignee: ASHIMORI IND CO LTD

Earliest Publication Date: 20110901



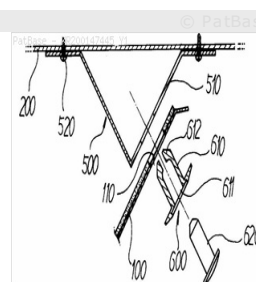
65) Family number: 17285926 (KR200147445Y)

AIR DUCT IN A BUS

Abstract: Source: KR200147445Y Rogpo present design relates to an air duct on the bus, in the prior art, when mounting a screw air duct to the roof panel or window frames, depending screws As a vertical tightening hameuroseo work while watching workers at the above two tasks difficult, when installing the air duct to the window frame it had the inconvenience that the work space is at a premium. Therefore, the present design is a sharp insertion unit 431 is formed on one side and the other side guide 432. The fixing pin 430 that is installed and, at the bottom the guide groove 420 is formed and the upper side gwaengi the inside of the piece (412) and, and by the elastic piece 413 to form a fixing portion 410 formed with a gwaengi groove 411, the roof panel 200 has hameuroseo installing the V-shaped support brackets 500, the air ducts (100) of one side of the curtain rail 400 of the fixing part 410 to the formed gwaengi groove 411 to insert gwaengi piece 412 and the elastic piece 413 to the by fixing such that, and the other side a V-shaped support bracket (by abutment surfaces on the slopes 510, 500) because the number of parts in accordance with the installation of the air duct 100, saving according to the fixed Sikkim a screw rivet 600 in the inclined state and the mounting operation is made in the insertion method or riveting mounting work improved property is a useful devised that can further improve the workability and the productivity also reduces sikimeuro standing working process.

Probable Assignee: DAEWOO MOTOR CO LTD

Earliest Publication Date: 19981125



66) Family number: 28919856 (TW509037Y)

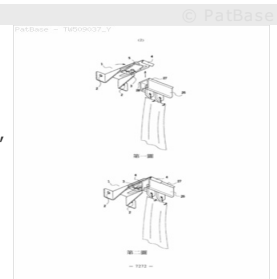
IMPROVED STRUCTURE OF FASTENING FRAME FOR CURTAIN RAIL

Abstract: Source: TW509037Y

Machine translation: This creation is in provides one kind of window ? track bracket fixing structure improvement, is by a bracket fixing, will support on both sides the hook piece because of the punch press still to be at the same time connected with the bracket fixing, but another three then the punching shear was separated from, also will support on both sides the hook piece to flush downward folds always front the rake angle, caused the window ? track when the assembly, only had the window ? track both sides about the convex body, to clamp puts in between the clamp hook place and the clamp hook piece, again will support on both sides the hook piece original rake angle using the screw to compel tightly, the affiliation caused the window ? track not to be able to fall, also had has the structure simple, the disassemblage facilitates and assembles fast goodEffect.

Probable Assignee: WANG SHU TIAN

Earliest Publication Date: 20021101



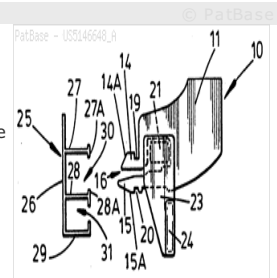
67) Family number: 3758401 (US5146648A)

MOUNTING BRACKET

Abstract: Source: US5146648A A bracket for mounting a curtain rail having a channel defined by flanges has a body for securement to a wall for example and parallel mounting fingers for insertion into the channel and clamping engagement with the channel flanges. This clamping engagement is effected by a rotatable cam being carried by the body and which serves to splay the fingers apart.

Probable Assignee: HALLIS HUDSON GROUP LTD

Earliest Publication Date: 19910316



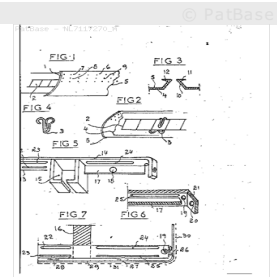
68) Family number: 566356 (GB1306657A)

VALANCE SUPPORT

Abstract: Source: GB1306657A 1306657 Valance supports M GERBET - BRUSCHI 8 Dec 1971 [7 May 1971] 56927/71 Heading A4B A valance support comprises a metal strip 1 of arcuate cross-section formed adjacent one longitudinal edge with a plurality of perforations 7-9 formed to provide on the convex outer face 5 a plurality of projections 10 with flattened tips 11, 12 for engaging and retaining a woven fabric pressed against the face 5, and includes a tape 2 secured to the concave face 4 and defining spaced openings to receive hooks 26-28 for engagement with openings 19, 23, 25 in a support bracket carried by a curtain rail 16.

Probable Assignee: GERBET BRUSCHI MICHEL 6 RUE GAMBETTA SAINT RAPHAEL VAR FRANCE

Earliest Publication Date: 19720316



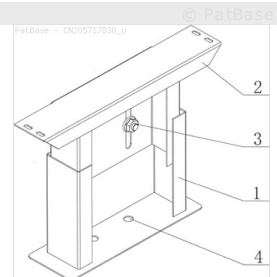
69) Family number: 64115215 (CN205717838U)

CONVECTOR INSTALLING SUPPORT

Abstract: Source: CN205717838U The utility model discloses a convector installing support, it includes: support base and adjustable bracket, the support base includes: the bottom plate is connected with two guide ways on, connect fixed backplate between two guide ways, connecting bolt on the fixed backplate, and adjustable bracket includes: be connected with two guide rails under the saddle, saddle, guide rail sliding contact in the guide way connects the adjustment backplate between two guide rails, be equipped with the bar hole on the adjustment backplate, and the bolt passes bar hole coupling nut, has realized the height -adjustable of adjustable bracket, and is applicable in the room installation of having adopted glass curtain wall and light body blockwork, and the installation of longer convector of the better adaptation of its bearing nature or multiunit convector to can combine together with the structure of convector and improve the holistic decorative effect of equipment.

Probable Assignee: UNIV JIANGHAN

Earliest Publication Date: 20161123



70) Family number: 75389977 (AU107083S)

CURTAIN RAIL SUPPORT BRACKET

Probable Assignee: AXSEVEN PTY LTD

Earliest Publication Date: 19900315

