

Search history

Search 1: FT=(pergola) and PD<20140303 (Results 947)

Search 2: FT=(pergola near (retrac* OR fold*)) and PD<20161221 (Results 43)

Search 3: 2 AND (FT = frame) (Results 9)

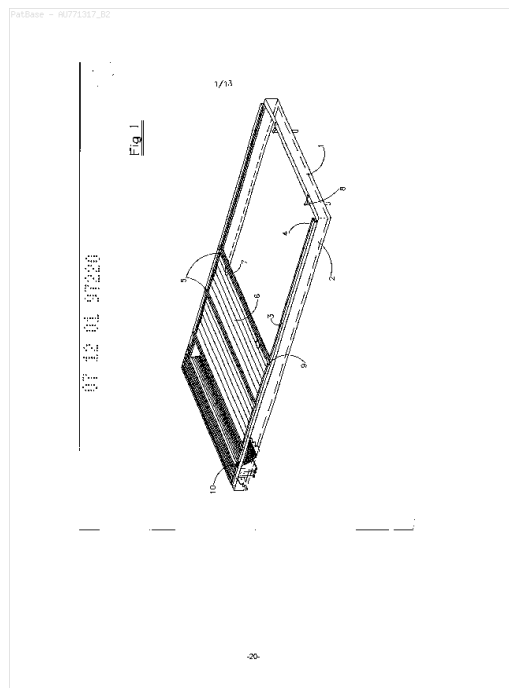
Title: Retractable sunshade with parallel transverse rods moving in side rails, and brake to secure front rod in any intermediate location

Abstract: Source: NZ519411A Parallel rods 5 (connected to cover 6) are confined to move in side rails 3, 4. Pull bar 30 releases brake 31 attached to front rod 5a so that the sunscreen cover 6 can be located in intermediate positions between full extension and full retraction. Addition to 336577

Classifications:

International (IPC 8-9): E04F10/02 E04F10/04
E04F10/06 (Advanced/Invention)

International (IPC 1-7): E04F10/02 E04F10/04 E04F10/06



Family:

Publication number	Publication date	Application number	Application date
AU2000002218 A0	20010125	AU2000PR02218	20001220
AU200197220 A5	20020627	AU20010097220D	20011213
AU2003204532 AA	20040108	AU20030204532	20030605
AU2003204532 BB	20061012	AU20030204532	20030605
AU771317 B2	20040318	AU20010097220	20011213
NZ519411 A	20030926	NZ20020519411	20020610

Priority:

AU20030204532 20030605 NZ20020519411 20020610

Probable Assignee: MCKECHNIE L D

Assignee(s): (std): LAURENCE DRUMMOND MCKECHNIE ; MCKECHNIE L D ; MCKECHNIE LAURENCE DRUMMOND

Assignee(s): MCKECHNIE LAURENCE DRUMMOND MR

Inventor(s): (std): MCKECHNIE LAURENCE ; MCKECHNIE LAURENCE DRUMMOND ; LAURENCE DRUMMOND MCKECHNIE

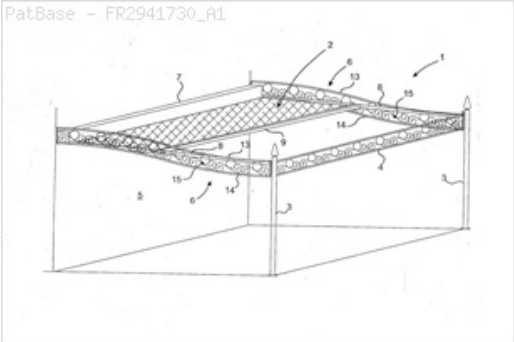
Agent(s): LAURENCE DRUMMOND MCKECHNIE; MCKECHNIE LAURENCE DRUMMOND MR

Title: PERGOLA I.E. LEISURE SHELTER, FOR USE IN GARDEN OF HOUSE, HAS TRACTION BAR WHOSE ENDS COOPERATE WITH RESPECTIVE GUIDING UNITS, WHERE EACH GUIDING UNIT IS EXTENDED ALONG STRINGER AT WHICH EACH GUIDING UNIT IS ALLOCATED

Abstract: The pergola has a front crosspiece (4) supported between two separate posts (3) that are connected to a support structure (5) by stringers. A retractable flexible cover (2) is equipped with an operating unit for operating the cover between a retracted position and a partially deployed position. A rear end of the cover is gripped with a maintaining unit. A free front end of the cover is equipped with a traction bar (9) whose ends cooperate with respective guiding units (8), where each guiding unit is extended along each stringer at which each guiding unit is allocated.

Classifications:

International (IPC 8-9): E04B7/00 E04H15/58 (Advanced/Invention);
E04B7/00 E04H15/32 (Core/Invention)
CPC: E04F10/0607 E04F10/0655 E04F10/0666 E04F10/0681
European: E04F10/06D P04F10/06L6 P04F10/06P P04F10/06P4



Family:

Publication number	Publication date	Application number	Application date
FR2941730 A1	20100806	FR20090000491	20090205

Priority:

FR20090000491 20090205

Probable Assignee: LAURENT LACOSTE
Assignee(s): (std): BISOGNO MAURICE ; LACOSTE LAURENT
Assignee(s): LAURENT LACOSTE ; MAURICE BISOGNO
Inventor(s): (std): BISOGNO MAURICE ; LACOSTE LAURENT
Inventor(s): LAURENT LACOSTE ; MAURICE BISOGNO
Agent(s): CABINET MAREK

Title: PHOTOVOLTAIC PANEL PERGOLA WITH SLIDING MODULES

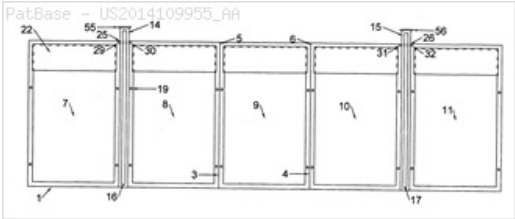
Abstract: Source: US2014109955A This invention refers to a **retractable pergola** used for housing of domestic, commercial or industrial external sites. The pergola system consists of a fixed module (27), an outermost sliding module (24) and a number of intermediate sliding modules (23). The system is supported by special support carriers (43, 44) which also accommodate the electric motion system (28, 49, 50, 53, 54). All modules (23, 24, 27) are capable of hosting photovoltaic panels, thus offering the benefit of electricity production. The electric motion system is driven by an automation control system which incorporates light and wind sensors, so that the extension/tuck of the modules is performed automatically, making the user's presence unnecessary. Finally, the proposed solution seems ideal for domestic use in countries with high sunshine periods.

Classifications:

International (IPC 8-9): E04B7/16 E04D13/035 E04F10/08 E06B3/42 H01L31/042 H01L31/045 (Advanced/Invention)

CPC: E04B7/166 Y02B10/12 Y02B80/50 H02S20/00 E04F10/10 F24J2/5266 E04F10/08 H02S30/20 H02S20/23

US: 136/251



Family:

Publication number	Publication date	Application number	Application date
EP2783059 A2	20141001	EP20120741067	20120628
GR1007962 B	20130905	GR20110100405	20110708
GR20110100405 A	20130225	GR20110100405	20110708
IN00915DN2014 A	20160513	IN2014DN00915	20140207
US2014109955 AA	20140424	US20120131557	20120628
WO13008043 A2	20130117	WO2012GR00026	20120628
WO13008043 A3	20130815	WO2012GR00026	20120628

Priority:

GR20110100405 20110708 WO2012GR00026 20120628

Probable Assignee: PAPANAKLIS ANDREAS CHRYSSANTHOS

Assignee(s): (std): LACHANAS SOTIRIOS ; LACHANAS SOTIRIOS ANGELOU ; PAPANAKLIS ANDREAS ; PAPANAKLIS ANDREAS CHRYSSANTHOS ELEFThERIOU ; PAPANAKLIS ANDREAS CHRYSSANTHOS

Inventor(s): (std): LACHANAS SOTIRIOS ; PAPANAKLIS ANDREAS ; PAPANAKLIS ANDREAS CHRYSSANTHOS ; PAPANAKLIS ANDREAS CHRYSSANTHOS ELEFThERIOU ; LACHANAS SOTIRIOS ANGELOU

Agent(s): ROERDAM TROELS PETER

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

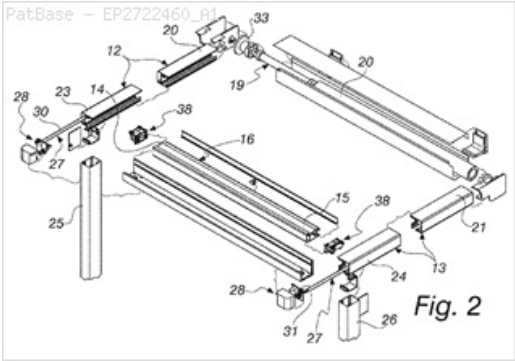
Title: AUSFAHRBARES UND AUFROLLBARES SONNENDACH NACH ART EINER PERGOLA MIT ELEKRTISCHER VERRIEGELUNG IN DER ENDSTELLUNG EXTENSIBLE ROLLER-TYPE PERGOLA COMPRISING ELECTRONIC LOCKING MEANS IN THE END POSITION

Abstract: Source: EP2722460A1 A pergola-type canopy (10), of the type comprising a **frame** (11) of two parallel longitudinal members (12, 13), on each of which an end (14, 15) of a transverse end member (16) slides, the edge (17) of a covering awning (18) being fixed to the member, the awning (18) being adapted to be extended and gathered, with corresponding movement means (19), thanks to the guided translation of the transverse end member (16), first ends (21, 22) of the longitudinal members (12, 13) being fixed to the wall or supported by corresponding stanchions, the second ends (23, 24) of the longitudinal members (12, 13) being supported by corresponding stanchions (25, 26). The means for the movement of the awning (18) are constituted by a motorized winding shaft (20) for the awning (18), the transverse end member (16) pulling the awning (18) by way of means (27) for the continuous tensioning of the awning, automatic electrically-actuated engagement means (28) being provided for the transverse end member (16) in the stroke limit configuration with the awning extended.

Classifications:

International (IPC 8-9): E04F10/06 (Advanced/Invention)

CPC: E04F10/0607 E04F10/0648 E04F10/0655



Family:

Publication number	Publication date	Application number	Application date
DE602013001564 D1	20150603	DE201360001564T	20131018
EP2722460 A1	20140423	EP20130189321	20131018
EP2722460 B1	20150422	EP20130189321	20131018
ES2543323 T3	20150818	ES20130189321T	20131018
ITPD20120305 A1	20140420	IT2012PD00305	20121019

Priority:

EP20130189321 20131018 IT2012PD00305 20121019

Probable Assignee: BAT S P A

Assignee(s): (std): BAT S P A

Assignee(s): BAT SPA

Inventor(s): (std): BARBIERI EDY

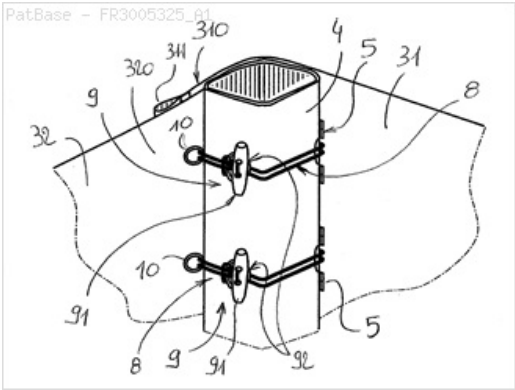
Agent(s): SCHIEBER FARAGO; MODIANO MICAELA NADIA

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Title: DISPOSITIF DE FIXATION D'AU MOINS UN PAN DE MUR A UN POTEAU D'UN ABRI DE TYPE TONNELLE, TENTE PLIANTE OU CHAPITEAU DEVICE FOR AT LEAST ONE PAN FIXING WALL TO A POST OF SHELTER TYPE ARBOR, FOLDING TENT OR TENT (Machine translation)

Abstract: Source: FR3005325A L'invention concerne un dispositif de fixation d'un premier pan de mur (31) souple a un poteau (4) vertical d'un abri de type tonnelle ou chapiteau, caracterise en ce que le premier pan de mur (31) comporte un premier bord (310) vertical recouvrant partiellement la surface laterale du poteau (4), le premier bord (310) etant pourvu d'une serie de passants (5) interposes entre le premier pan de mur (31) et la surface laterale du poteau (4), les passants (5) etant orientes de facon sensiblement horizontale et repartis verticalement sur la hauteur du premier bord (310), des liens souples (8) traversant les passants (5) etant raccordes a leur extremités respectives par des attaches rapides (9, 91, 92) en formant une boucle fermee autour du poteau (4). The invention relates to a device for attaching a first section of the wall (31) has a flexible pole (4) vertical shelter tent or arbor type characterized in that said first section of wall (31) comprises a first edge (310) partially covering the vertical lateral surface of the post (4), the first edge (310) being provided with a series of loops (5) interposed between the first section of wall (31) and the surface laterale of the post (4), the loops (5) being oriented substantially horizontally and vertically distributed over the height of the first edge (310), flexible links (8) passing through the loops (5) being connected to their respective ends by quick couplers (9, 91, 92) forming a closed loop around the post (4).

Classifications:
International (IPC 8-9): E04H15/64 (Advanced/Invention)
CPC: E04H15/64 E04H15/18



Family:

Publication number	Publication date	Application number	Application date
FR3005325 A1	20141107	FR20130001030	20130503

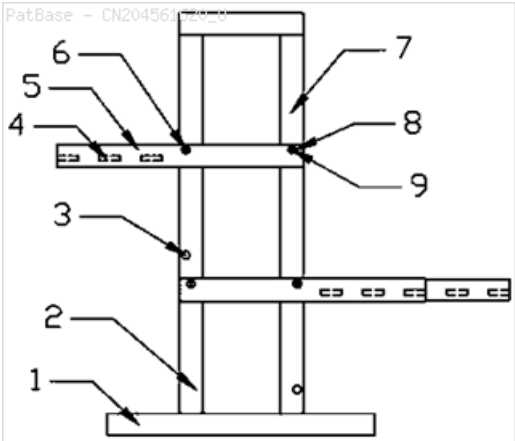
Priority:
FR20130001030 20130503

Probable Assignee: LEISURE N PLEASURE
Assignee(s): (std): LEISURE N PLEASURE
Inventor(s): (std): CAZIER FABRICE JULIEN ; GORRIAS FRANCOIS LAURENT MARCEL
Inventor(s): FABRICE JULIEN CAZIER ; FRANCOIS LAURENT MARCEL GORRIAS
Agent(s): LEISURE N PLEASURE

Title: **FOLDING** THREE-DIMENSIONAL **PERGOLA**

Abstract: Source: CN204561620U The utility model relates to a support the utensil field of flowerpot, specifcly provide a **folding** three-dimensional **pergola**, include that the second supports the support **frame** that the vertical pole is constituted by supporting horizontal pole and first, be connected with horizontal die-pin on the first support vertical pole, said die-pin is articulated with first support vertical pole, and die-pin one end links to each other with second support vertical pole is detachable, and the other end is equipped with the layer board the utility model discloses can realize the molding adjustment of three-dimensional pergola and the rational utilization in space according to the folding die-pin of the condition cultivated in a pot, not only beautifully but also the practicality, and the die-pin props the vertical pole with many spinal branches simultaneously and links to each other, and the atress is more balanced, is favorable to improving the life of pergola the utility model discloses especially, be suitable for the family to plant and horticulture show usefulness.

Classifications:
International (IPC 8-9): A47G7/02 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN204561620 U	20150819	CN201520233189U	20150417

Priority:

CN201520233189U 20150417

Probable Assignee: AGRICULTURAL RESOURCE AND ENVIRONMENT RES INST GUANGXI ACADEMY OF AGRICULTURAL SCIENCES

Assignee(s): (std): AGRICULTURAL RESOURCE AND ENVIRONMENT RES INST GUANGXI ACADEMY OF AGRICULTURAL SCIENCES

Assignee(s): AGRICULTURAL RESOURCE AND ENVIRONMENT RESEARCH INST GUANGXI ACADEMY OF AGRICULTURAL SCIENCES ; OF AGRICULTURAL RESOURCES AND ENVIRONMENT GUANGXI ACADEMY OF AGRICULTURAL SCIENCES INST

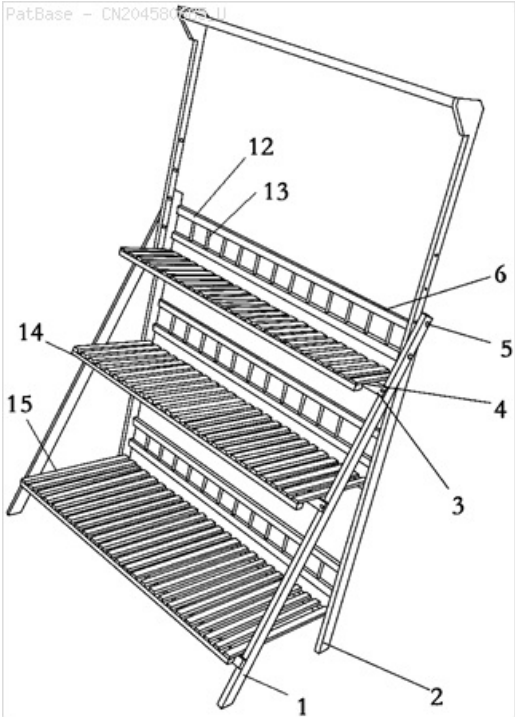
Inventor(s): (std): HE TIEGUANG ; HE YONGQUN ; PANG JINCAI ; WANG JIN ; ZENG XIANGYANG

Title: COLLAPSIBLE PERGOLA OF NANMU

Abstract: Source: CN204580685U The utility model discloses a collapsible pergola of nanmu, collapsible pergola of nanmu's the left and right sides is provided with outside support and inboard support respectively, wherein, and same one side the outside support with rotation axis swing joint is passed through on the top of inboard support, and, evenly be connected with a plurality of fixed plates between the support of the outside, even swing joint has a plurality of mounts between the inboard support, the position of mount with the position of fixed plate is corresponding, and, the other end of mount place in on the fixed plate. The beneficial effect of the utility model: through the cooperation of mount with the baffle, can **fold** the **pergola** in idle, practice thrift the space, and, U type **frame** can also come height-adjusting through locating hole and fixed orifices to satisfy different sunning demands.

Classifications:

International (IPC 8-9): A47G7/02 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN204580685 U	20150826	CN201520204205U	20150407

Priority:

CN201520204205U 20150407

Probable Assignee:

WU RONG

Assignee(s): (std):

WU RONG

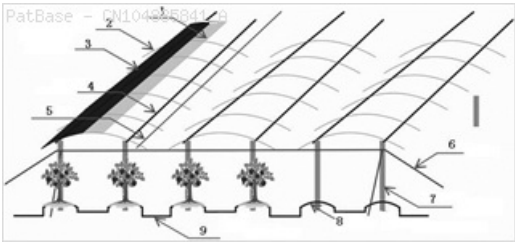
Inventor(s): (std):

WU RONG

Title: METHOD FOR RAIN SHELTERING, SUN SHADING AND BIRD PREVENTION DURING SWEET CHERRY PLANTATION IN WARM SOUTHERN REGIONS

Abstract: Source: CN104885841A The invention relates to a method for rain sheltering, sun shading and bird prevention during sweet cherry plantation in warm southern regions. Pergolas used in the method are usually cement columns arranged in rows that are at intervals in the longitudinal direction; lower parts of the cement columns are buried in the ground; surrounding pull-down strings of the columns are fixed via ground anchors; a steel tube is placed on the cement columns in each row; an arch with two downward bent ends is placed on each two longitudinal cement columns, to form a top **frame**; the two ends of the bent tube are located on steel tubes of pergola shoulders; longitudinal double-pull rods are connected and fixed; plastic films are longitudinally laid on the pergola **frame** to cover the whole pergola **frame**; film pressing wires outside the films are fixed on steel strands on both sides and the arches; two longitudinal sides of the plastic films are connected to winding bars; the winding bars are connected to a film winding device; the film winding device winds the plastic films around the winding bars; the plastic films can be wound with the winding bars to the 1/2 position of the pergola **frame**; and the degree to which the plastic films are **folded** or unfolded on the **pergola frame** is controlled by the film winding device. According to the present invention, a single pergola play a comprehensive role of rain sheltering, sun shading and bird prevention, thereby greatly reducing facility costs and labors.

Classifications:
International (IPC 8-9): A01G13/02 A01G13/10
A01G17/00 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN104885841 A	20150909	CN201510117908	20150317

Priority:
CN201510117908 20150317

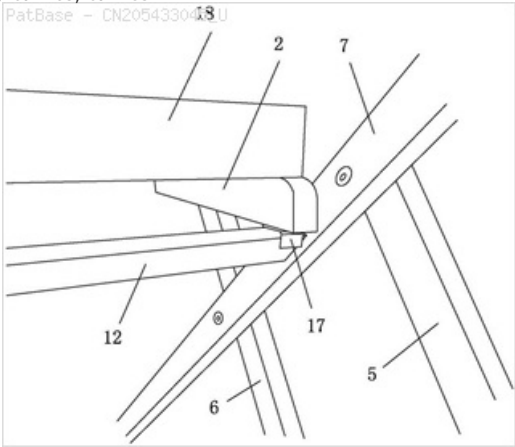
Probable Assignee: ZHEJIANG ACAD AGRICULTURAL SCI
Assignee(s): (std): ZHEJIANG ACAD AGRICULTURAL SCI ; ZHEJIANG ACADEMY OF AGRICULTURAL SCIENCES
Inventor(s): (std): CHEN HONGCAI ; CHEN ZAIHONG ; LI BO ; WU JIANG ; WU YANJUN ; ZHENG JIAXIANG

Title: FOLDABLE FLOWER HOLDER

Abstract: Source: CN205433045U The utility model relates to a place the **pergola** of flowerpot, disclose a **foldable** flower holder, including support **frame**, a plurality of platform, four support rod set of group, complex root connecting rod, first branch is articulated with the straight -bar, and first branch is articulated with second branch, and second branch is articulated with third branch, and second branch is articulated with fourth branch, and third branch is articulated with the straight -bar, and fourth branch is articulated with the straight -bar, the horizontal pole one end of first branch and upper mounting plate is articulated, and fourth branch is articulated with the horizontal pole one end of platform down, and two couples of upper mounting plate are hung on the head rod, and two couples of lower platform are hung on the second connecting rod. The utility model discloses simple structure folds the convenience, and the fastness after expanding is better, is the echelonment after the expansion, puts and both saves space, is favorable to plant daylighting growth again, and the flowerpot of putting face is from north to south underlaped, can not influence each other, and it is better that the effect is put to whole, when not needing, can draw in into a cuboid in, conveniently carries, carries.

Classifications:

International (IPC 8-9): A47G7/02 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN205433045 U	20160810	CN201620005797U	20160107

Priority:

CN201620005797U 20160107

Probable Assignee: FUJIAN ZHANGPING D ROAD FORESTRY CO LTD

Assignee(s): (std): FUJIAN ZHANGPING D ROAD FORESTRY CO LTD

Assignee(s): ZHANGPING CITY GRODNO FORESTRY LTD ; FUJIAN ZHANGPING D ROAD FORESTRY CO

Inventor(s): (std): LIU CHAO ; WU YINGZI