

Search query (18): PN=(US6575268 or EP2871304 or US8714306 or US7513480 or US20150184405 or US3527319 or WO2017086704 or CN103821334 or DE3347395 or US2006213724 or US2006225960 or WO20019092 or US2009189053 or US4119176 or NL1026655 or FR2370150 or EP2503074 or FR2989364 or FR3004480 or EP1905921 or FR2930962 or FR2980229 or BRPI0700469 or CN104420641 or CN209261203 or DE3347395)
Results: 25

Search history

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1:

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Search PN=(US2006213724 or US2006225960 or WO20019092) (Results 3)

3:

Search PN=(US5408770 A OR US5038889 A OR US4429764 A OR US4671382 A OR US4164268 A OR US5427199 A OR US5613543 A OR US5778999 A OR US5203482 A OR US5299655 A OR US5688323 A OR US4565261 A OR US3121470 A OR US6557666 BA OR US577388 S1 OR US2009120718 AA OR US2008251321 AA OR US2008314875 AA OR US9000321 BB OR US2010288583 AA OR US8579084 BB OR US2012247870 AA OR US8714306 BB OR US2016002936 AA OR US2013319795 AA OR US10094509 BB OR US2013318889 AA OR US9133633 BB OR US10352062 BB OR US10704288 BB OR US2019162172 AA OR US2014345206 AA OR US9637257 BB OR US9422732 BB OR US9938735 BB OR US2016138284 AA OR US2015337549 AA OR US9915077 BB OR US10024070 BB OR US10030396 BB OR JP2017043938 A2 OR JP6630087 B2 OR JP2017101506 A2 OR JP6499569 B2 OR US2019128000 AA) (Results 30)

Search TAC=(scaffold and build* and screen and security) (Results 7)

5:

Search FT=(scaffold and build* and screen and security) (Results 392)

6:

Search FT=(scaffold and build* and screen and security and railing) (Results 22)

7:

Search PN=(US3779678 A OR US3593392 A OR GB2021672 A1 OR US4147483 A OR US4611784 A OR EP0155217 A1 OR US5630482 A OR EP0681635 A1 OR CN2457270 Y OR EP0373617 A2 OR US6276912 BA OR US2002121586 AA OR US6530552 BB OR US2003052249 AA OR US8708100 BB OR JP2008545074 T2 OR JP4917094 B2 OR US2010038518 AA OR DE102005030336 A1 OR WO07000139 A1 OR DE102005030335 A1 OR JP4837035 B2 OR US9303418 BB OR EP1899549 A1 OR JP2008545072 T2 OR DE102005030331 A1 OR WO07000135 A1 OR KR100647977 B1 OR WO07048863 A1 OR EP1944431 A1 OR EP1944431 A4 OR KR100704720 B1 OR JP2009523934 T2 OR WO07141264 A1 OR JP2010510417 T2 OR WO08126999 A1 OR KR100841011 B1 OR WO09007889 A2 OR WO09007889 A3 OR KR200445741 Y1 OR US8464996 BB OR US2013248681 AA OR US2009189053 AA OR US9297173 BB OR US2011171336 AA OR US2011037186 AA OR US8668482 BB OR EP2180118 A1 OR CN101852010 A OR CN101852011 A OR US2012085592 AA OR US8523549 BB OR KR101151866 B1 OR US2011214824 AA OR US9175487 BB OR US2013020732 AA OR US9181719 BB OR CN102296959 A OR US8714306 BB OR CN103015327 A OR CN103046472 A OR US2015211242 AA OR US9556630 BB OR GB2524472 A1 OR GB2524472 B2 OR US2014151153 AA OR US9217255 BB OR US10358833 BB OR US9963889 BB OR US2015184402 AA OR US10428536 BB OR KR101539035 B1 OR US10479656 BB OR EP2995749 A1 OR US2016305138 AA OR US10465401 BB OR US10465398 BB OR US2018179770 AA OR CN109797967 A OR EP3715548 A1) (Results 52)

Search TAC =(scaffold and vertical and rail* and frame and platform and screen) (Results 0)

9:

Search FT =(scaffold and vertical and rail* and frame and platform and screen) (Results 175)

10:

Search FT=((screen or tray) and secur* and scaffold and rail*) and IC=(E04G1/15 or E04G1/38 or E04G3/20 or E04G5/08) (Results 12)

11:

Search FT=((screen or tray) and secur* and scaffold) and IC=(E04G1/15 or E04G1/38 or E04G3/20 or E04G5/08) (Results 39)

12:

Search FT=((screen or tray) and protect* and secur*) and IC=(E04G1/15 or E04G1/38 or E04G3/20 or E04G5/08) (Results 63)

13:

Search PN=(US6575268 or EP2871304 or US8714306 or US7513480 or US20150184405 or US3527319 or WO2017086704 or CN103821334 or DE3347395 or US2006213724 or US2006225960 or WO20019092 or US2009189053 or US4119176 or NL1026655 or FR2370150 or EP2503074 or FR2989364 or FR3004480 or EP1905921 or FR2930962 or FR2980229 or BRPI0700469 or CN104420641) (Results 24)

Search PN=(US4293054 A OR DE29908954 U1 OR US2541556 A OR WO06052131 A1 OR EP1775255 A1 OR GB2470124 A1 OR GB2481398 A1 OR FR2944040 A1 OR GB2533178 A1 OR US9822538 BB OR GB2533178 B2 OR AU2016202898 BB OR EP3196383 A1 OR CN108425488 A OR EP3315693 A1 OR EP3315693 B1 OR GB2555500 A1 OR GB2555490 A1 OR GB2555500 B2 OR CN108843025 A) (Results 13)

Search FT=((screen or tray) and (mesh or net*) and scaffold) and IC=(E04G1/15 or E04G1/20 or E04G21/32 or E04G5/08) (Results 58)

16:

Search PN=(AT405662 B OR WO9423156 A1 OR US7748195 BB OR EP2264260 A2 OR EP2264260 A3 OR FR2947289 A1 OR ES2356881 AA OR US2011120800 AA OR CN103015696 B OR CN103015696 A OR US2014345973 AA) (Results 9)

17:

Search PN=(US6575268 or EP2871304 or US8714306 or US7513480 or US20150184405 or US3527319 or WO2017086704 or CN103821334 or DE3347395 or US2006213724 or US2006225960 or WO20019092 or US2009189053 or US4119176 or NL1026655 or FR2370150 or EP2503074 or FR2989364 or FR3004480 or EP1905921 or FR2930962 or FR2980229 or BRPI0700469 or CN104420641 or CN209261203 or DE3347395) (Results 25)

18:

1) Family number: 3680569 (DE3347395 A1)

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Title: SCAFFOLD ELEMENT

Abstract: A scaffold element (3) of structural steel to be fastened by hanging on the wall of a building is concerned.

Together with identical scaffold elements fastened in the same way, this produces a scaffold, in particular a bracket scaffold. The scaffold element (3) has a supporting strut (4) which, during use, projects from the building in a horizontal direction and on which the bottom boards (9) can be laid. At the end region of the supporting strut away from the building there extends upwards a securing strut (10) for fixing a securing device preventing persons or objects falling off. The securing strut (10) is

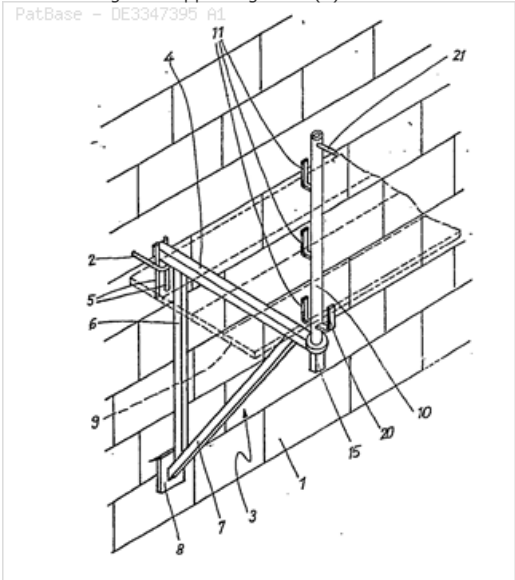
releaseably connected to the supporting strut (10) and can be exchanged for a securing strut assigned to a different securing device and/or can be fastened in positions turned through 180 DEG, in which in each case one of two holding devices seated on the securing strut (10) and serving for fixing different securing devices is facing the supporting strut (4).

Classifications:

International (IPC 8-9): E04G21/32 E04G5/00 E04G5/06

International (IPC 1-7): E04G3/08

CPC: E04G2005/148 E04G21/3219 E04G21/3261 E04G21/3266 E04G5/06 E04G5/062



Family:

Publication number	Publication date	Application number	Application date
CH666318 A	19880715	CH19840005534	19841120
DE3347395 A1	19850711	DE19833347395	19831229

Priority:

DE19833347395 19831229

Probable Assignee:	BAUMANN WOLFGANG
Assignee(s): (std):	BAUMANN WOLFGANG
Assignee(s):	WOLFGANG BAUMANN
Inventor(s): (std):	BAUMANN WOLFGANG

2) Family number: 42454767 (BRPI0700469 A)

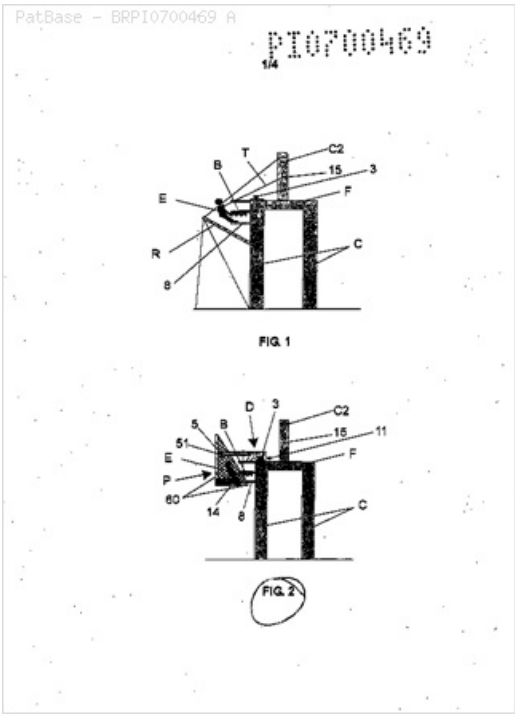
© PatBase

Title: Safety device (Machine translation)

Abstract: Source: BRPI0700469 A **Machine translation:** SAFETY DEVICE. This patent invention relates to a safety device (D), used as protective in maintenance and repair, preferably in crane electric buses, which comreende a protective structure (P), with two orthogonal frames (60), and a support structure (5) comprising a pair of brackets ('~ 6) each of which is equipped with an articulated arm (1) where the structure of protection (P) and docked.

Classifications:

International (IPC 8-9): E04G1/00 E04G1/15



Family:

Publication number	Publication date	Application number	Application date
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Priority:

BR2007PI00469 20070227

Probable Assignee: L Z MONTAGEM DE ESTRUTURAS METALICAS

Assignee(s): (std): L Z MONTAGEM DE ESTRUTURAS METALICAS

Inventor(s): (std): ZANCHET LEONEL

Inventor(s): LEONEL ZANCHET

3) Family number: 75524090 (CN209261203 U)

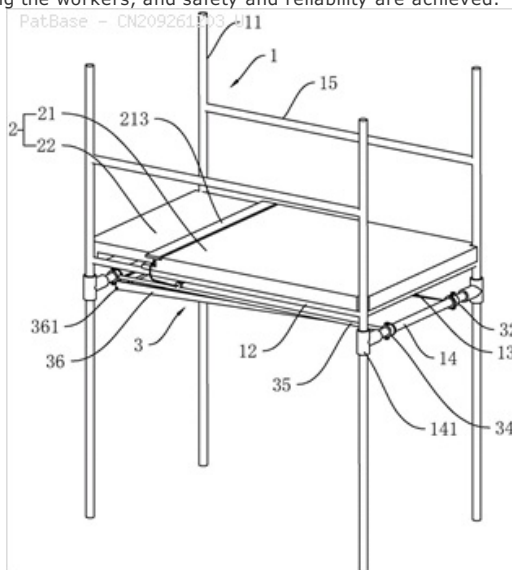
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Title: SAFE ANTI-FALLING OBJECT SCAFFOLD

Abstract: The utility model relates to a scaffold, the utility model discloses a safe anti-falling object scaffold. The problem that an existing scaffold prevents objects from falling in the mode that screen cloth is laid on a screen plate is solved. The broken or wrinkled screen cloth is easy to trip a worker; therefore, potential safety hazards exist. According to the technical scheme, the utility model discloses a safe anti-falling object scaffold. The anti-falling device comprises a fixing support, a bearing net plate installed on the fixing support and an anti-falling bag used for bearing falling objects, the anti-falling bag is fixed to the fixing support and located under the bearing net plate, the objects are prevented from falling to hit workers or equipment, meanwhile, the anti-falling bag is prevented from stumbling the workers, and safety and reliability are achieved.

Classifications:

International (IPC 8-9): E04G1/15 E04G5/00 E04G5/08



Family:

Publication number	Publication date	Application number	Application date
CN209261203 U	20190816	CN201822045232U	20181206

Priority:

CN201822045232U 20181206

Probable Assignee: ZHEJIANG QINFENG MUNICIPAL GARDEN CONSTRUCTION CO LTD

Assignee(s): (std): ZHEJIANG QINFENG MUNICIPAL GARDEN CONSTRUCTION CO LTD

Assignee(s): ZHEJIANG FENG GROUND MUNICIPAL GARDEN CONSTRUCTION CO LTD ; ZHEJIANG QINFENG MUNICIPAL GARDEN CONSTRUCTION CO

Inventor(s): (std): FANG ZHONGTAO ; GU ZHENYAN ; LI RENGAN ; SUN FENG ; YUAN SHUWEN ; ZHANG YING

4) Family number: 56509836 (CN103821334 A)

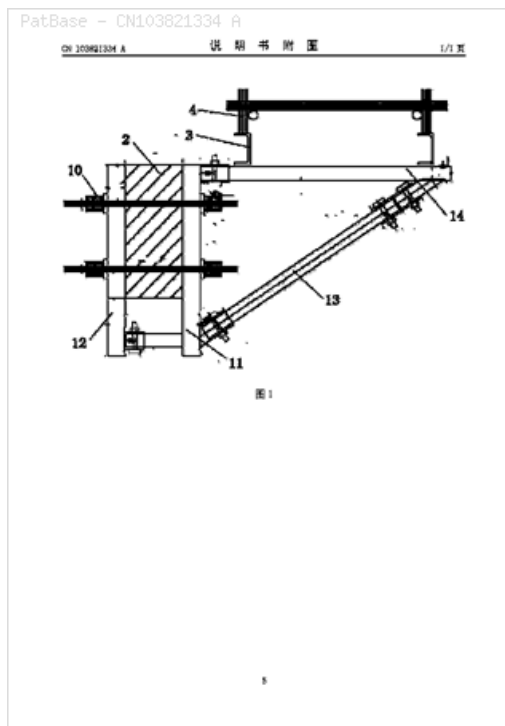
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Title: OVERHUNG SCAFFOLD WITH DETACHABLE TRIANGULAR SUPPORTS

Abstract: The invention discloses an overhung scaffold with detachable triangular supports. The overhung scaffold with the detachable triangular supports comprises a main vertical bar, an anchoring vertical bar, a diagonal bar and a horizontal bar. The main vertical bar and the anchoring vertical bar are located on the outer side and the inner side of a wall respectively and connected to the wall through wall penetrating bolts in a tensioning mode. The diagonal bar, the horizontal bar and the main vertical bar are distributed in a right triangle shape and are fixed through bolts. A fixing steel channel is perpendicularly erected on the horizontal bar. A bottom stand bar of the overhung scaffold is supported by the fixing steel channel. Since the overhung scaffold is constructed through the detachable triangular supports, the problems that when the traditional mode that overhanging is conducted directly and holes are formed in a shear wall is adopted, passage of a staircase and blocking of the holes are affected are effectively solved, and the overhung scaffold has the advantages of being convenient to install, flexible, detachable, reusable, high in safety performance and the like.

Classifications:

International (IPC 8-9): E04G3/18 E04G5/04



Family:

Publication number	Publication date	Application number	Application date
CN103821334 A	20140528	CN201410068021	20140227

Priority:

CN201410068021 20140227

Probable Assignee: ZHONGTIAN CONSTR GROUP CO LTD

Assignee(s): (std): ZHONGTIAN CONSTR GROUP CO LTD

Assignee(s): ZHONGTIAN CONSTRUCTION GROUP CO ; ZHONGTIAN CONSTRUCTION GROUP CO LTD

Inventor(s): (std): LU JIANFEI ; LU ZHOUYANG ; YU YIBO

5) Family number: 18943282 (US4119176 A)

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Title: FALL ARRESTER, FOR BUILDING WORKS

Abstract: A Y-shaped support structure is movably attached at its two arms to a track vertically attached adjacent the face of a building. Two of the arms of the Y-shaped support structure are movably engaged in a slot in the track and a net is suspended between the support structure and a similar support structure on a parallel track. The support structures with attached net can be raised by removing the supports from the upper arms of the Ys and sliding the ends of the upper arm upward while folding the net toward the building, then supporting the upper arms while the lower arms are raised while simultaneously unfolding the support structure outward, and finally supporting the bottom arms of the Ys. The support structure is lowered by reversing the procedure for raising it.

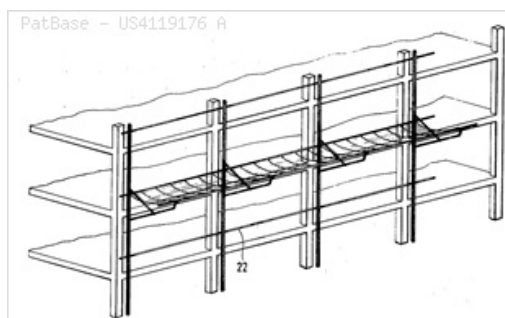
Classifications:

International (IPC 8-9): E04G21/32

International (IPC 1-7): A62B E04G21/32

CPC: E04G21/3261 E04G21/3266

US: 182/138 182/82



Family:

Publication number	Publication date	Application number	Application date
ES223512 U	19770301	ES19760223512U	19760929
ES223512 Y	19770616	ES19760223512U	19760929
US4119176 A	19781010	US19770836892	19770926

Priority:

ES19760223512U 19760929

Probable Assignee: VERDU MIRA VICENTE

Assignee(s): (std): VERDU MIRA V ; VERDU MIRA VICENTE

Assignee(s): NUSBAUM ARTHUR ; VERDU VICENTE MIRA

Inventor(s): (std): VERDU VICENTE MIRA

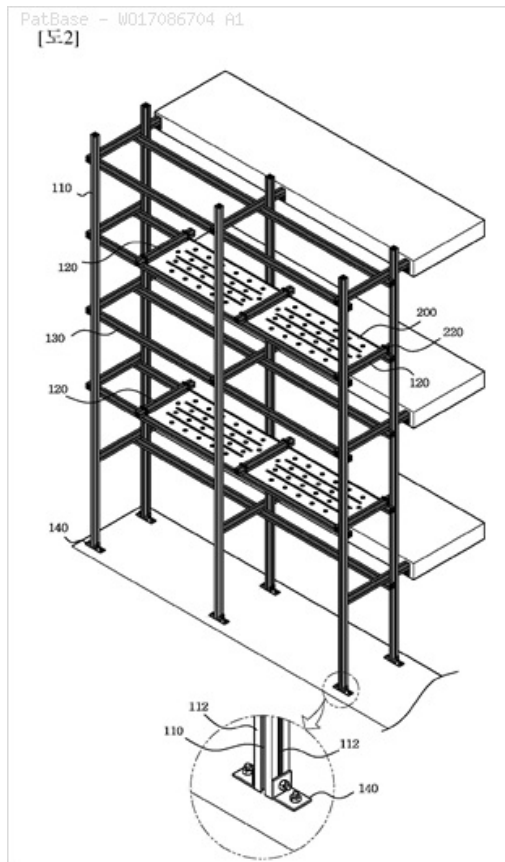
Title: SCAFFOLD DEVICE FOR CONSTRUCTION INCLUDING SAFETY FOOTBOARD

Abstract: The present invention is characterized by comprising: a plurality of first scaffold frames erected vertically on an outer wall side of a building; second scaffold frames connecting the first scaffold frames and supporting the loads of safety footboards; third scaffold frames configured between the second scaffold frames and preventing workers from falling; fastening means connecting the first through to third scaffold frames; connecting brackets respectively fastened to the fastening means, connecting each of the first through to third scaffold frames, and fixing the first scaffold frames to the ground surface; and safety footboards having fixing hook parts formed on both side ends thereof so as to be coupled to the second scaffold frames.

Classifications:

International (IPC 8-9): E04G1/15 E04G1/38 E04G3/20 E04G5/08 E04G7/02 E04G7/28

CPC: E04G1/15 E04G1/38 E04G3/20 E04G5/08 E04G7/02 E04G7/28



Family:

Publication number	Publication date	Application number	Application date
KR101654483 B1	20160909	KR20150162329	20151119
WO17086704 A1	20170526	WO2016KR13241	20161117

Priority:

KR20150162329 20151119

Probable Assignee: JO SEONG JU

Assignee(s): (std): JO SEONG JU

Assignee(s): COMPOSITION MAIN

Inventor(s): (std): JO SEONG JU

Agent(s): JUNG CHANG SU

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ 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 IR IS IT JP KE KG KM KN KP KW KZ LA LC 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 PA PE PG PH PL PT QA RO RS RU RW SA 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: CLIMBING SYSTEM FOR SHUTTERING, SCAFFOLDING AND LOADS IN GENERAL

Abstract: The climbing system comprises an upper head (5) attached to the bracket arrangement (3) and also solidly joined to the body of a hydraulic cylinder (6) the rod whereof is attached to a lower head (7), both heads (5) and (7) having a body (8) with upper (9) and lower (10) wings defining there between guides that encircle the upright (1), each of the heads having a rocker (11) that can act on flanges or blocks (14) distributed along the upright (1). The rocker is mounted on a transversal axis (12), against the action of a spring (13) that permanently acts on the rocker in any of its operating positions, and there is an outer handle (19) solidly joined to the transversal axis (12), which can make said axis (12) rotate to change the position of the rocker in relation to the upright (1). The system also has a safety device that makes it possible to limit the positions of the rocker.

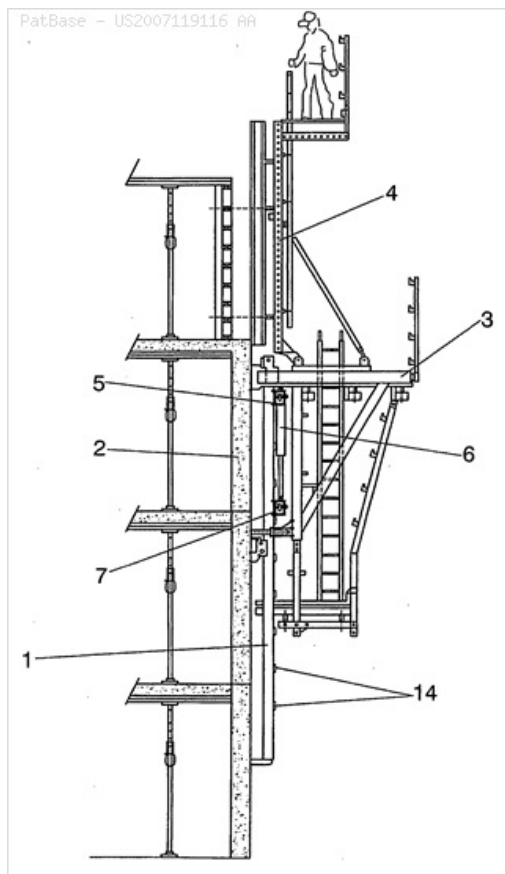
Classifications:

International (IPC 8-9): B28B11/00 B28B11/24 E04C3/02 E04G11/00 E04G11/28

International (IPC 1-7): E04G11/28

CPC: E04G11/28

US: 249/20 425/65 52/633 52/633P



Family:

Publication number	Publication date	Application number	Application date
AR047258 AA	20060111	AR2004P104412	20041126
AT458102 E	20100315	AT20030773745T	20031127
AU2003282129 AA	20050624	AU20030282129	20031127
BRPI0318598 A	20061017	BR2003PI18598	20031127
BRPI0318598 B1	20160322	BR2003PI18598	20031127
CN100416023 C	20080903	CN200380110983	20031127
CN1894478 A	20070110	CN200380110983	20031127
DE60331375 D1	20100401	DE20036031375T	20031127
EP1698746 A1	20060906	EP20030773745	20031127
EP1698746 B1	20100217	EP20030773745	20031127
ES2339442 T3	20100520	ES20030773745T	20031127
IN01373KN2006 A	20070504	IN2006KN01373	20060522
IN253406 B	20120720	IN2006KN01373	20060522
US2007119116 AA	20070531	US20030581129	20031127
US7513480 BB	20090407	US20030581129	20031127
WO05054604 A1	20050616	WO2003ES00605	20031127

Priority:

WO2003ES00605 20031127

Probable Assignee: ULMA C Y E S COOP

Assignee(s): (std): AROZENA BERGARETXE ALBERTO ; IRIZAR MOYUA INAKI ; ULMA C Y E S COOP ; ULMA CYES CORP

Inventor(s): (std): AROZENA BERGARETXE ALBERTO ; BERGARETXE ALBERTO AROZENA ; IRIZAR MOYUA INAKI ; MOYUA A AROZENA BERGARETXE I I ; MOYUA INAKI IRIZAR

Inventor(s): A AROZENA BERGARETXE I IRIZAR MOYUA ; ALBERTO AROZENA BERGARETXE ; INAKI IRIZAR MOYUA

Agent(s): CARPINTERO LOPEZ FRANCISCO; KNOBBE MARTENS OLSON AND BEAR LLP

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

8) Family number: 32687128 (NL1026655 C2)

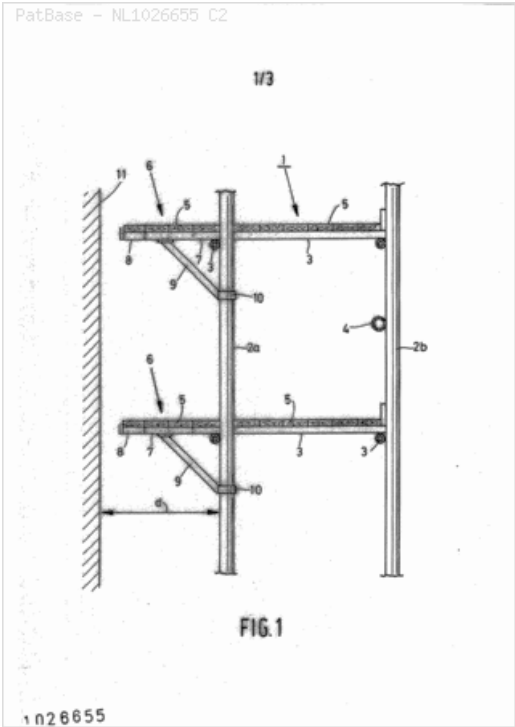
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Title: SCAFFOLDING, INCLUDES SCREEN FORMING VERTICAL WALL ABOVE SCAFFOLDING PLANKS OR BRIDGE BETWEEN THESE PLANKS AND CONSTRUCTION BEING WORKED ON

Abstract: The side of the scaffolding facing the construction (11) being worked on is provided with a screen (6) which can be fixed into a first vertical position to form a wall above scaffolding planks (5) for standing and/or placing objects on and into a second horizontal position to form a bridge over a space between these planks and the construction. The screen is mounted on hinges and comprises a support panel secured to a frame (7).

Classifications:

International (IPC 8-9): E04G1/00 E04G1/15 E04G5/00 E04G5/06



Family:

Publication number	Publication date	Application number	Application date
NL1026655 C2	20060117	NL20041026655	20040714

Priority:

NL20041026655 20040714

Probable Assignee: HOUT MARTINUS THEODORUS JOHANN
Assignee(s): (std): HOUT MARTINUS THEODORUS JOHANN
Assignee(s): MARTINUS THEODORUS JOHANNES FRANSISCUS VAN HOUT
Inventor(s): (std): HOUT MARTINUS THEODORUS JOHANN
Inventor(s): MARTINUS THEODORUS JOHANNES FRANSISCUS VAN HOUT

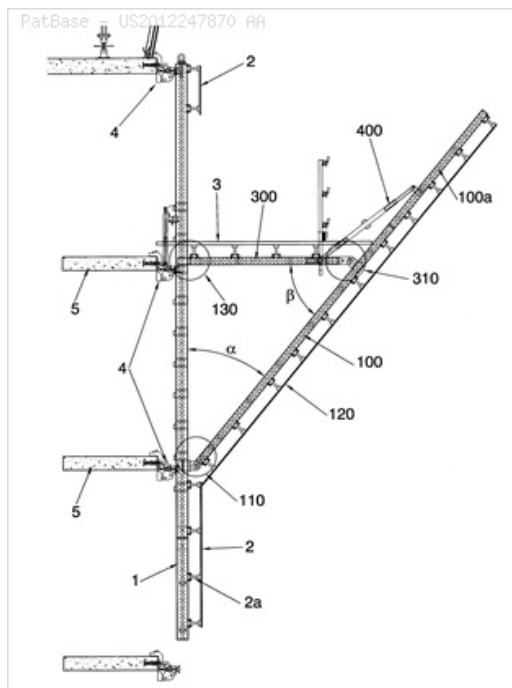
9) Family number: 52064027 (US2012247870 AA) © PatBase

Title: PERIMETRIC PROTECTION SYSTEM FOR BUILDINGS UNDERGOING CONSTRUCTION

Abstract: The present disclosure relates to a perimetric protection system for buildings undergoing construction including at least two masts (1) spaced from one another and each formed by two vertical U-profiles (1); a horizontal platform (3) supported on at least two horizontal beams (300) attached to the masts by means of first attachment elements or anchors (130). The system further comprises: at least two inclined beams (100) parallel to one another, which are attached: to the masts (1) by means of at least two second attachment elements (110) forming a first angle (a); to the horizontal beams (300) by means of at least two third attachment elements (310) forming a second angle (beta); and, the at least two inclined beams (100) having a free end (100a) in the third attachment elements (310), such that their height is greater than the height of the horizontal platform (2); an inclined protective panel (120) attached to said at least two inclined beams (100).

Classifications:

International (IPC 8-9): E04G21/32 E04G3/00 E04G3/18 E04G3/20
CPC: E04G21/3219 E04G21/3247 E04G21/3261 E04G3/00 E04G3/18 E04G3/20
US: 182/137 182/138 182/139 182/140 182/82



Family:

Publication number	Publication date	Application number	Application date
US2012247870 AA	20121004	US20110074585	20110329
US8714306 BB	20140506	US20110074585	20110329

Priority:

US20110074585 20110329

Probable Assignee: ULMA C Y E S COOP

Assignee(s): (std): ITURBE BERISTAIN ENEKO ; ULMA CYE S COOP

Inventor(s): (std): ITURBE BERISTAIN ENEKO

Agent(s): OSTROLENK FABER LLP

10) Family number: 43554410 (US2009189053 AA)

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Title: JUMP FORM SYSTEM

Abstract: A jump form system provided variously with an integral jump shoe lock mechanism, a reversible gang form shear platform, and a pinion lock mechanism for a roll back carriage. The jump shoe lock mechanism includes a lever pivotably mounted to the jump form system frame above a jump shoe bearing portion of a connecting member, a sleeve mounted to the jump form system frame below the jump shoe bearing portion of the connecting member, and a sleeve-mounted safety pin that is mechanically linked to the lever for engagement and disengagement with a jump shoe. The pinion lock mechanism includes a rack and pinion provided on inner and outer portions of a telescoping carriage assembly, respectively, and a lock arm pivotably mounted to the outer portion adjacent to the pinion, with the rack, pinion, and lock arm including complementary teeth which are locked into place upon pivoting engagement of the locking arm.

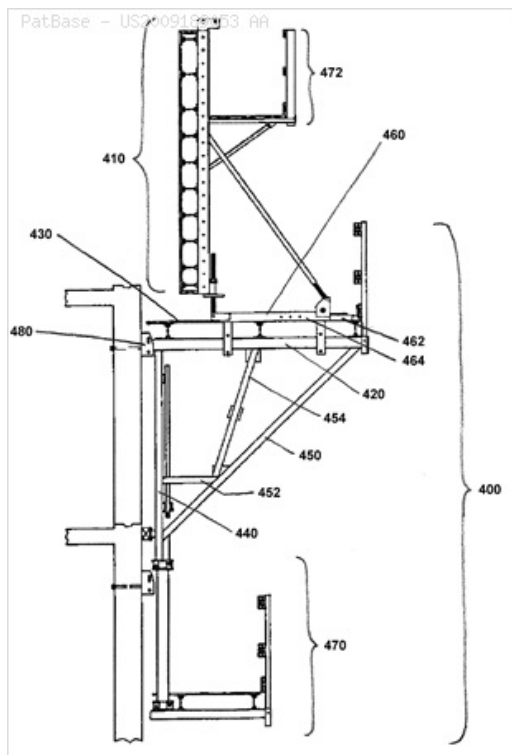
Classifications:

International (IPC 8-9): E04G11/00 E04G11/20 E04G11/22

E04G11/28 E04G13/04

CPC: E04G11/28

US: 1/1 249/19 249/19P 249/20



Family:

Publication number	Publication date	Application number	Application date
CA2650366 AA	20090722	CA20092650366	20090122
CA2650366 C	20151027	CA20092650366	20090122
CA2896299 AA	20090722	CA20092896299	20090122
CA2896299 C	20170704	CA20092896299	20090122
CO6090102 A1	20091030	CO20090005529	20090122
MX2009000929 A1	20090828	MX20090000929	20090122
PA8813501 A1	20090917	PA20090088135	20090122
US2009189053 AA	20090730	US20090357856	20090122
US8464996 BB	20130618	US20090357856	20090122
US2013248681 AA	20130926	US20130895877	20130516
US9297173 BB	20160329	US20130895877	20130516

Priority:

US20080022778P 20080122 CA20092650366 20090122 US20090357856 20090122
US20130895877 20130516 CA20152650366 20150715

Probable Assignee: DAYTON SUPERIOR CORP

Assignee(s): (std): DAYTON SUPERIOR CORP ; FLATHAU ROBERT J ; SPINDLER ROBERT A

Assignee(s): BANK OF AMERICA NA ; BANK OF NEW YORK MELLON ; CANTOR FITZGERALD SECURITIES COLLATERAL AGENT AS ; DEUTSCHE BANK NEW YORK BRANCH AG ; GENERAL ELECTRIC CAPITAL CORP ; GUGGENHEIM CORPORATE FUNDING LLC AGENT AS ; GUGGENHEIM CORPORATE FUNDING LLC COLLATERAL AGENT ; GUGGENHEIM CORPORATE FUNDING LLC COLLATERAL AGENT AS ; PATHLIGHT CAPITAL FUND I LP ; PNC BANK NATIONAL ASSOCIATION ; SILVER POINT FINANCE LLC

Inventor(s): (std): FLATHAU ROBERT J ; ROBERT A SPINDLER ; ROBERT J FLATHAU ; SPINDLER ROBERT A

Inventor(s): ROBERT A SPINDLER

Agent(s): GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; JUAN PABLO CADENA SARMIENTO; THOMPSON HINE L L P; THOMPSON HINE LLP; THOMPSON HINE LLP INTELLECTUAL PROPERTY GROUP

11) Family number: 56250244 (US2014102829 AA)

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Title: FALL PROTECTION SYSTEM

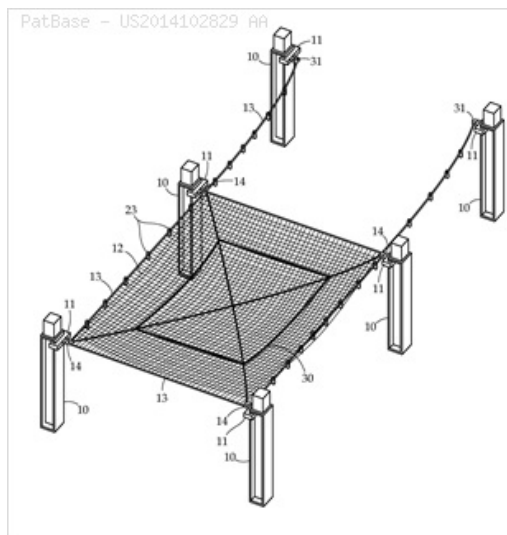
Abstract: A fall protection system is provided providing all protection for all workers in building erection. The system involves an interior net, and a perimeter net if needed. The net system may be both horizontally and vertically mobile, allowing it to be easily moved as building erection continues.

Classifications:

International (IPC 8-9): A62B1/22 E04G21/32

CPC: A62B1/22 E04G21/3204 E04G21/3266 Y10T29/49817

US: 182/137 182/138 182/139 29/426.2



Family:

Publication number	Publication date	Application number	Application date
US2014102829 AA	20140417	US20130772136	20130220
US9038777 BB	20150526	US20130772136	20130220
US10125507 BB	20181113	US20150644872	20150311
US2015184404 AA	20150702	US20150644872	20150311
US10030397 BB	20180724	US20150644924	20150311
US2015184405 AA	20150702	US20150644924	20150311

Priority:

US20120713684P 20121015 US20130772136 20130220 US20150644924 20150311
 US20150644872 20150311

Probable Assignee: JAMES F STEARNS CO LLP

Assignee(s): (std): AMADON CORI ; CONLEY CHRISTOPHER ; CONLEY JR STEVE ; GREANEY BERNARD ; GREENWOOD FRANCIS ; JAMES F STEARNS CO LLP ; MCDERMOTT MICHAEL ; STEARNS JIM

Inventor(s): (std): AMADON CORI ; CONLEY CHRISTOPHER ; CONLEY JR STEVE ; GREANEY BERNARD ; GREENWOOD FRANCIS ; MCDERMOTT MICHAEL ; STEARNS JIM

Inventor(s): CONLEY JR

Agent(s): CONNAUGHTON JR DAVID J; DAVID J; GARY E; LAMBERT AND ASSOCIATES; LAMBERT GARY E

12) Family number: 33473551 (US2006225960 AA)

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Title: ENCLOSED SCAFFOLDING ASSEMBLY

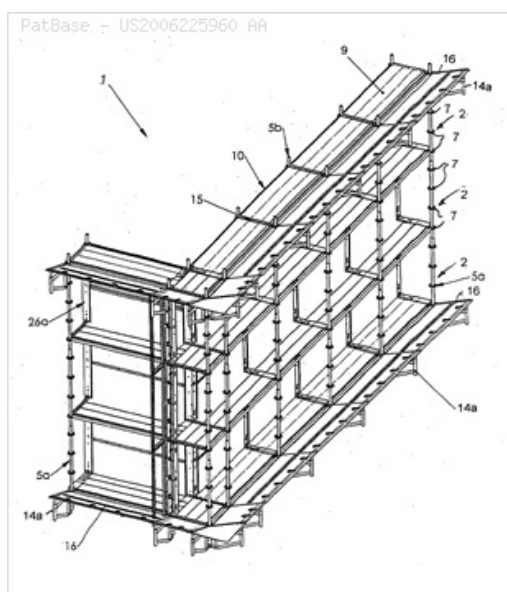
Abstract: A scaffolding assembly includes a plurality of sound attenuating sheets, detachably mounted on a frame erectable substantially adjacent to a structure. The frame includes sheet supporting members. The sheet supporting members and the plurality of sound attenuating sheets when mounted on the sheet supporting members define an enclosed working area adjacent the structure, so as to affect a seal to substantially contain air pollution and other detritus, and noise pollution within the enclosed scaffolding assembly when erected adjacent to the structure. An inclined catchment ramp is mounted along the length of at least one of the scaffold working decks so as to sandwich each ramp between the working deck and the adjacent wall of the structure.

Classifications:

International (IPC 8-9): A62B1/00 A62B1/22 E04G5/00 E04G5/08 E04G5/12

CPC: E04G1/15 E04G5/06 E04G5/061 E04G5/12

US: 182/138



Family:

Publication number	Publication date	Application number	Application date
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CA2541711 AA	20061012	CA20062541711	20060404
US2006225960 AA	20061012	US20060396465	20060404

Priority:

US20050670264P 20050412 CA20062541711 20060404 US20060396465 20060404

Probable Assignee: FERLIN KEITH A

Assignee(s): (std): FERLIN KEITH A ; PRICE CLINT

Inventor(s): (std): FERLIN KEITH A ; PRICE CLINT

Inventor(s): FERLIN KEITH

Agent(s): ANTONY C EDWARDS; EDWARDS ANTONY C

13) Family number: 28432066 (US2003057020 AA)

© PatBase

Title: LADDER SCAFFOLDING SUPPORT APPARATUS AND SCAFFOLDING SYSTEM

Abstract: A ladder scaffold support apparatus, ladder stabilizer and ladder scaffolding system is disclosed. The support apparatus generally includes a first bar connected to a second bar at an angle. The bars include planar pads adapted to be affixed to a wall. The apparatus further includes a third bar that is in telescopic arrangement with the first bar. The third bar is adapted to fit through the rung of a ladder. Several brackets can be used to stabilize a ladder against a surface, typically a wall. When one or more ladders are used in conjunction with a platform, the brackets can be used to affix the ladders to a wall. The platform is laid on the rungs of the ladders thereby creating a scaffolding system.

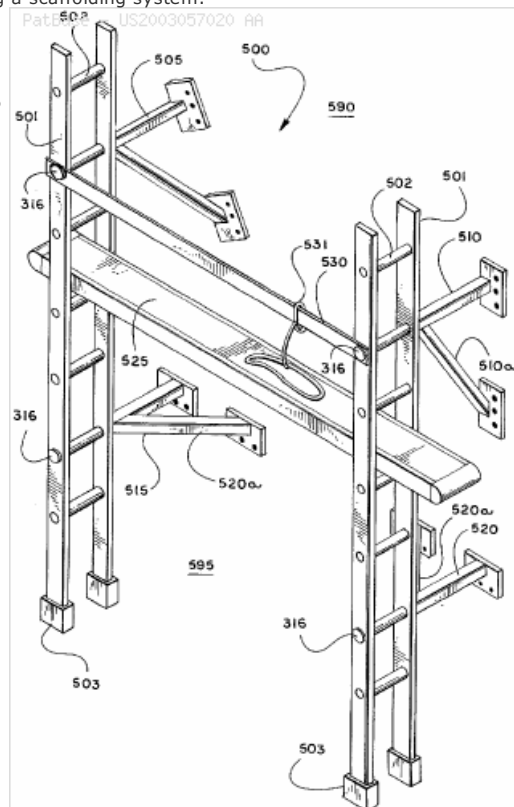
Classifications:

International (IPC 8-9): E04G1/00 E04G1/30 E04G5/00 E04G5/04 E06C1/00 E06C1/34 E06C1/36 E06C7/00 E06C7/16

International (IPC 1-7): E04G1/00 E06C7/16

CPC: E04G1/30 E04G5/04 E04G5/046 E06C1/34 E06C1/36 E06C7/16

US: 182/118 182/229



Family:

Publication number	Publication date	Application number	Application date
US2003057020 AA	20030327	US20010957766	20010921
US6575268 BB	20030610	US20010957766	20010921

Priority:

US20010957766 20010921

Probable Assignee: CARDER WILBURN JERRY

Assignee(s): (std): CARDER WILBURN JERRY ; CLARK CHARLES WESLEY

Inventor(s): (std): CARDER WILBURN JERRY ; CLARK CHARLES WESLEY

Inventor(s): CHARLES WESLEY CLARK ; WILBURN JERRY CARDER

Agent(s): HINKLE AND O BRADOVICH LLC

14) Family number: 77455034 (WO20019092 A1)

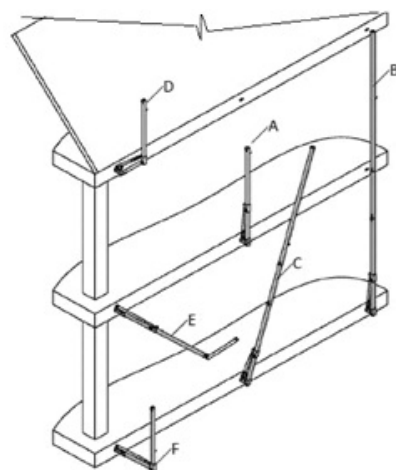
© PatBase

Title: PERIMETER SYSTEM FOR PERSONNEL FALL PROTECTION IN THE CONSTRUCTION OF HIGH-RISE BUILDINGS

Abstract: The invention relates to a perimeter system for personnel fall protection, which transforms into a tray for catching people or material and into a work platform, on the perimeter of construction sites in high-rise buildings, towers or vertical walls; it includes a plurality of compound pillars or posts (1) that include independent elements that are joined together and which, by means of supports or anchors (2), are anchored or screwed to the slab (L) of the building in a manner that is level at the perimeter, wherein each compound pillar unit (1) comprises: an anchoring means (2); an articulated arm profile (3); a tubular extension profile (4); at least one tubular profile (6); mesh or net (7).

Classifications:

FIG. 1



Family:

Publication number	Publication date	Application number	Application date
CL59258 B	20200511	CL20180002032	20180726
WO20019092 A1	20200130	WO2019CL50057	20190717

Priority:

CL20180002032 20180726

Probable Assignee: INVERSIONES BEGRUP SPA

Assignee(s): (std): INVERSIONES BEGRUP SPA

Inventor(s): (std): FERNANDEZ SOUTO LUCIANO

Inventor(s): LUCIANO FERNANDEZ SOUTO

Agent(s): GALLARDO ROJAS MAURICIO; MAURICIO HERNAN GALLARDO ROJAS

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ 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 IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC 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 PA PE PG PH PL PT QA RO RS RU RW SA 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

15) Family number: 920719 (US3527319 A)

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Title: SAFETY NET

Abstract: (Claim 1) 1. The method of suspending a rectangular safety net ^ made of rope and of diamond mesh structure having outer edges defined by the return bends of the outer mesh open-ings of said net, in a position extending generally hori-zontally across an open, substantially rectangular area having a stationary structural member adjacent each of gQ its four corners, comprising the steps of : (a) supporting said net at each of said return bends on an edge rope along each edge of said net for movement of said return bends relative to each other and to said edge rope longitudinally of the latter, (b) connecting the edge rope at each corner of said net at one of said structural members from a point along said edge rope that is between and adjacent to a predetermined adjacent pair of said return bends at each corner of said net for movement of said edge g0 rope longitudinally thereof relative to the structural members of at least one pair respectively at diagonal-ly opposite corners of said area, (c) drawing the edge rope taut along each edge of said net from a point adjacent to one of the pair of 6g structural members at one of the other pair of di-agonally opposite corners of said area, whereby the dimensions of the net at Tight angle to each other parallel with its edges will substantially conform to one of a plurality of différent rectangular dimen- 70 sions of différent areas across which the net is adapted to extend, (d) securing said edge rope at at least one of the said pair of structural members at one of said other pair of diagonally opposite corners of said area.

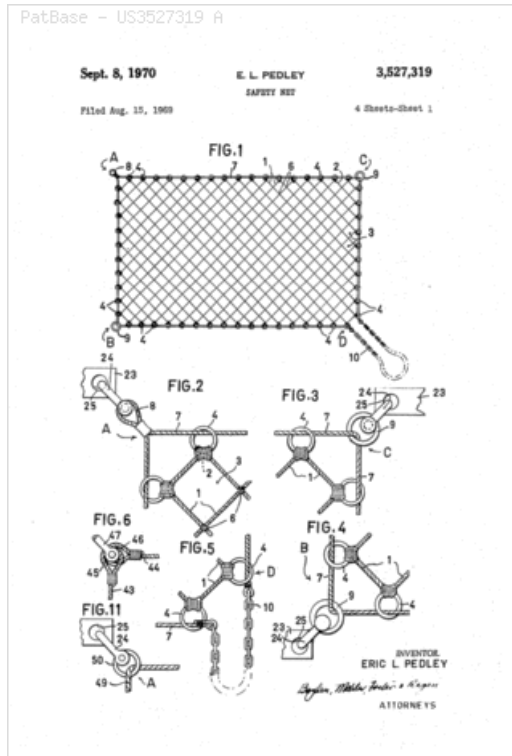
Classifications:

International (IPC 8-9): A62B1/00 A62B1/22

International (IPC 1-7): A62B1/22

CPC: A62B1/22

US: 182/139



Family:

Publication number	Publication date	Application number	Application date
US3527319 A	19700908	US19690850523	19690815

Priority:

US19690850523 19690815

Probable Assignee:

PEDLEY KNOWLES AND CO

Assignee(s): (std):

PEDLEY KNOWLES AND CO

Inventor(s): (std):

PEDLEY ERIC L

Inventor(s):

ERIC L PEDLEY

16) Family number: 33395832 (US2006213724 AA)

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Title: FREE STANDING PERIMETER NET SYSTEM

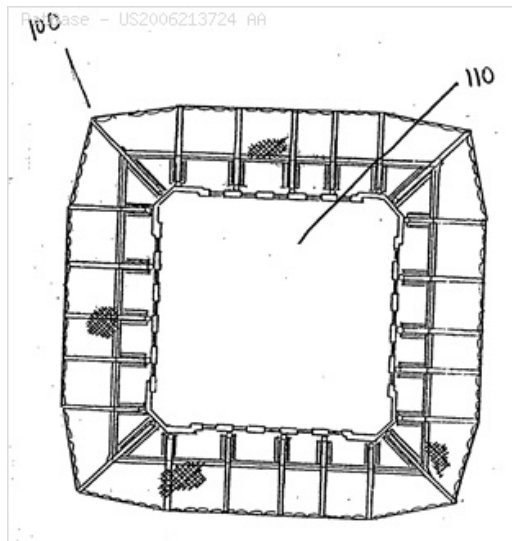
Abstract: A free standing perimeter net system is disclosed. The perimeter net system is comprised of a support arm, a support cable, an uplift brace, at least one net system brace, a back plate, a pivot, a vertical support, a strut, and a pair of strut brackets. These components work together to allow a safety net system to easily be installed around a structure without directly attaching to the structure. The support arm rotates between an open and a closed position on the pivot. This configuration allows the net, which is attached to the support arm, to be deployed at various angles. When the support arm rotates, the uplift brace also adjusts and aids in securing the support arm and net in the desired position. The vertical support couples the net system to the building or structure via the back plate and strut. The net system braces are also attached to the vertical support and provide added rigidity to the net system.

Classifications:

International (IPC 8-9): A62B1/00 A62B1/22 E04G21/32

CPC: E04G21/3261 E04G21/3266

US: 182/137 182/138 182/140 182/82



Family:

Publication number	Publication date	Application number	Application date
US2006213724 AA	20060928	US20050089686	20050324
US7389855 BB	20080624	US20050089686	20050324

Priority:

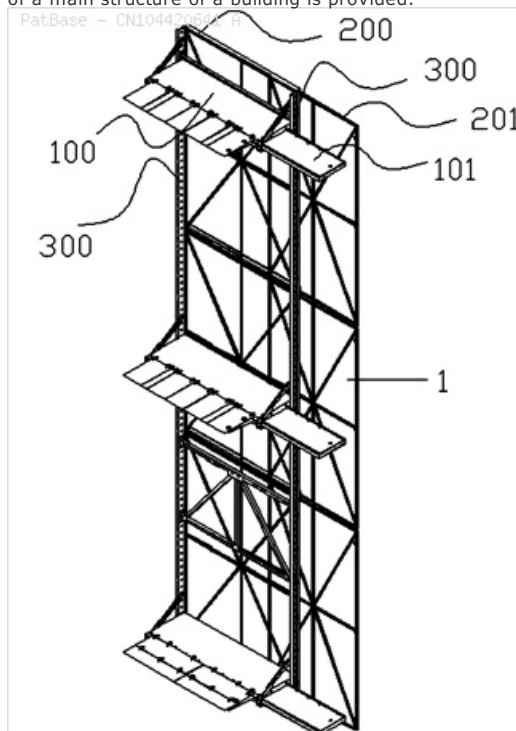
US20050089686 20050324

Probable Assignee: REXROAD JOHN**Assignee(s):** (std): REXROAD JOHN**Inventor(s):** (std): REXROAD JOHN**Agent(s):** ELLIS AND VENABLE PC; VENABLE CAMPILLO LOGAN AND MEANEY PC**17) Family number: 58711798** (CN104420641 A)

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Title: EXTENSIBLE LIFTING CONSTRUCTION PLATFORM

Abstract: The invention discloses an extensible lifting construction platform which comprises at least one frame body. Each frame body comprises a scaffold board, a protecting screen frame and at least two parallel vertical rods, each scaffold board is detachably connected with the corresponding vertical rods, and each protecting screen frame is fixed on the outer sides of the corresponding vertical rods. The extensible lifting construction platform is characterized in that a first extensible scaffold board is arranged in at least one side of each scaffold board, and each protecting screen frame comprises a first extensible protecting screen frame arranged in the corresponding protecting screen frame and positioned on a same side with the corresponding first extensible scaffold board. Aiming at the problem that a whole construction frame body externally surrounding an external wall cannot change along with the external wall after assembling of an existing construction platform is completed, the extensible lifting construction platform which is automatically extensible in the process of ascending and descending, needless of manual operation and adaptable to changing of a main structure of a building is provided.

Classifications:**International (IPC 8-9):** E04G3/28 E04G5/00 E04G5/08**Family:**

Publication number	Publication date	Application number	Application date
CN104420641 A	20150318	CN201310395169	20130903
CN104420641 B	20160824	CN201310395169	20130903

Priority:

CN201310395169 20130903

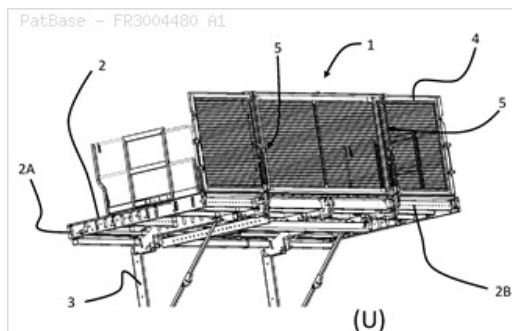
Probable Assignee: SHENZHEN TECHEN TECHNOLOGY CO LTD**Assignee(s):** (std): CHINA RAILWAY CONSTR ENG GROUP ; SHENZHEN TECHEN TECHNOLOGY CO LTD**Assignee(s):** CHINA RAILWAY CONSTRUCTION ENGINEERING GROUP ; CHINA RAILWAY CONSTRUCTION ENGINEERING GROUP CO LTD ; SHENZHEN TECHEN TECHNOLOGY CO**Inventor(s):** (std): HAN JIAN EN ; HUANG JINGXIN ; MEI FENGYI ; QIN XIAOFENG ; SHEN HAIYAN ; WANG LEI**18) Family number: 57608451** (FR3004480 A1)

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Title: FOLD STRUCTURE WORKING cantilevered EMBEDDED DEVICE ASSISTANCE OF A CANOPY UNFOLD (Machine translation)

Abstract: Source: FR3004480 A1 **Machine translation:** A collapsible working cantilevered structure (1) intended to be mounted on a building wall, the structure (1) comprising a flow plate (2) having fixing means (3) to said wall, said tray (2) comprising at least a protective canopy (4) based on an edge (2B) of the tray (2) between a folded storage position and an unfolded position of use (U), the support structure incorporating a device UNFOLDING to (5) of the canopy (4).

Classifications:**International (IPC 8-9):** E04G3/20**CPC:** E04G2005/148 E04G3/20 E04G5/062 E04G5/14



Family:

Publication number	Publication date	Application number	Application date
FR3004480 A1	20141017	FR20130053315	20130412
FR3004480 B1	20161118	FR20130053315	20130412

Priority:

FR20130053315 20130412

Probable Assignee: SATECO SA
Assignee(s): (std): SATECO SA
Assignee(s): SATECO
Inventor(s): (std): BRAUD THIERRY ; MICHENEAU PATRICK
Inventor(s): PATRICK MICHENEAU ; THIERRY BRAUD
Agent(s): ARGYMA

19) Family number: 3599384 (FR2370150 A1)

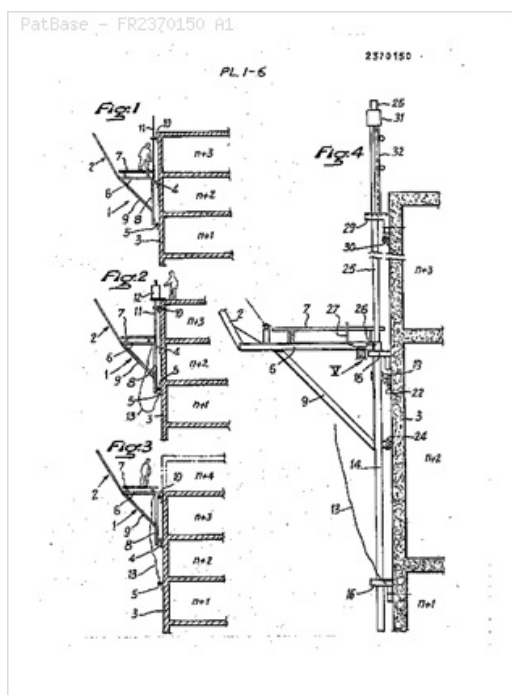
© PatBase

Title: CLIMBING WORKING PLATFORM FOR BUILDING CONSTRUCTION - HAS WALL BRACKET SUPPORT TRANSFERRED AS NEW FLOOR IS ADDED AND PLATFORM LIFTED

Abstract: A scaffold used in constructing a multistorey building, acting as a working platform (7) can be raised each time a floor is completed. It also carries a framework (2) sloping upwards at an angle, to carry protective screen for people at ground level. The whole is guided by vertical members (14) passing through L shaped brackets (15, 16, 29) attached to the wall. The platform (7) can be lifted with its support frame (6) by a lifting mechanism at the top travelling on wheels (23) against the walls at the same time. When a floor has been completed, the lower brackets (16) can be removed and upper brackets fitted ready for the next lifting operation.

Classifications:

International (IPC 8-9): E04G11/00 E04G11/28 E04G21/32
E04G3/20 E04G3/28 E04G5/00 E04G5/04
International (IPC 1-7): E04G21/32
CPC: E04G11/28 E04G21/3223 E04G21/3261 E04G21/3266
E04G3/20 E04G3/28 E04G5/04 E04G5/046



Family:

Publication number	Publication date	Application number	Application date
FR2370150 A1	19780602	FR19760033114	19761103
FR2370150 B3	19790713	FR19760033114	19761103

Priority:

FR19760033114 19761103

Probable Assignee: DESBARATS JEAN
Assignee(s): (std): DESBARATS JEAN

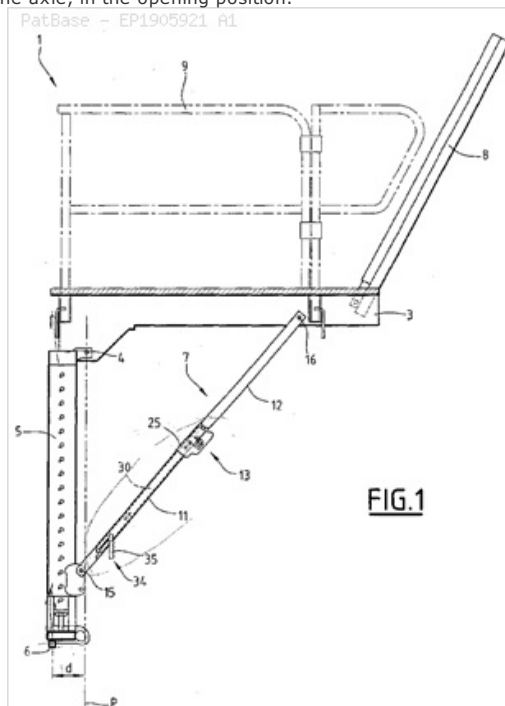
Title: IMPROVED PLIABLE STRUCTURE FOR CORBEL WORKING

Abstract: The structure has a post (5) articulated at an end on a plate (3) around an articulation axle (4) between a folded position and an opening position, where the structure is made of corbel. A strut (7) connecting the plate and the post (5) includes tubular columns (11) articulated on each other. A rod (30) and a maneuver unit (34) block the strut in the folded position. A support lug (6) is integrated to the post at a free end of the post and projecting from the free end, where the lug is shifted with respect to a plane orthogonal to the plate passing via the axle, in the opening position.

Classifications:

International (IPC 8-9): E04G3/20

CPC: E04G3/20 E04G5/06 E04G5/062



Family:

Publication number	Publication date	Application number	Application date
AT463635 E	20100415	AT20070291127T	20070921
DE602007005743 D1	20100520	DE200760005743T	20070921
EP1905921 A1	20080402	EP20070291127	20070921
EP1905921 B1	20100407	EP20070291127	20070921
FR2906286 A1	20080328	FR20060008293	20060921
FR2906286 B1	20101210	FR20060008293	20060921
PL1905921 T3	20100930	PL20070291127T	20070921

Priority:

FR20060008293 20060921 EP20070291127 20070921

Probable Assignee: SATECO SA

Assignee(s): (std): SATECO SA

Assignee(s): SATECO

Inventor(s): (std): BRAUD THIERRY ; BUYSSCHAERT JACQUES ; GUINOT JAMES

Inventor(s): JACQUES BUYSSCHAERT ; JAMES GUINOT ; THIERRY BRAUD

Agent(s): ARGYMA; BLOCH AND BONNETAT; HABASQUE ETIENNE J JEAN FRANCOIS

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 MK MT NL PL PT RO SE SI SK TR YU

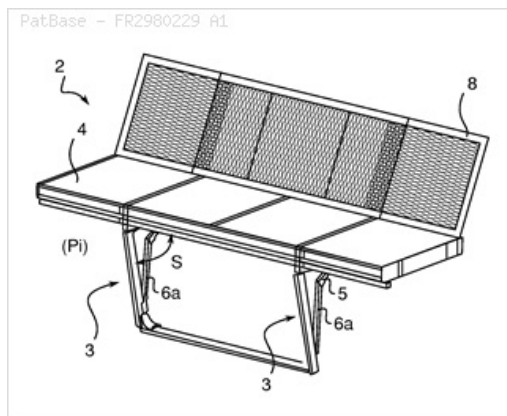
Title: CANTILEVERED STRUCTURE E.G. FOOTBRIDGE FOR CONSTRUCTION OF HOME, HAS ARTICULATION CLAMP ARRANGED INTERDEPENDENT OF ONE OF TUBULAR LEGS, AND ROD WHOSE CONTROL UNIT IS ARRANGED IN SLIDING MOTION IN ONE OF LEGS

Abstract: The structure has two uprights (3), and a set of tubular legs (6a) that are coupled by the uprights. An articulation clamp (5) is provided in rotation between the legs. A set of distal ends is provided with the uprights, and a set of proximal ends is provided with a plate (4). An anchoring pin is fixed transversely near an end of a rod. The articulation clamp is arranged interdependent of one of the legs. A control unit i.e. handle, of the rod is arranged in sliding motion in the legs. An independent claim is also included for a method for unfolding/folding a cantilevered structure.

Classifications:

International (IPC 8-9): E04G3/20 E04G5/04 E04G5/06

CPC: E04G3/30 E04G5/06 E04G5/062



Family:

Publication number	Publication date	Application number	Application date
FR2980229 A1	20130322	FR20110058294	20110919
FR2980229 B1	20140711	FR20110058294	20110919

Priority:

FR20110058294 20110919

Probable Assignee:

SATECO SA

Assignee(s): (std):

SATECO SA

Assignee(s):

SATECO

Inventor(s): (std):

BRAUD THIERRY ; MICHENEAU PATRICK

Inventor(s):

PATRICK MICHENEAU ; THIERRY BRAUD

Agent(s):

ARGYMA

22) Family number: 54994353 (FR2989364 A1)

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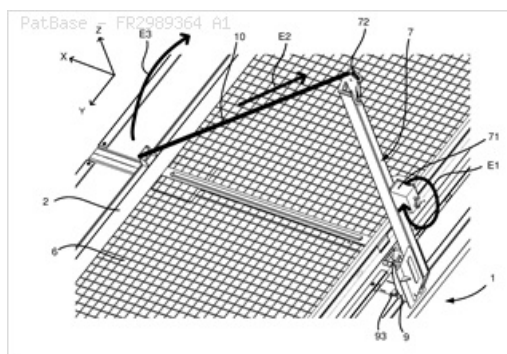
Title: WINCH FOR RAISING PROTECTIVE CANOPY IN FOLDABLE CANTILEVERED WORKING STRUCTURE, HAS TRACTION CABLE INTENDED TO RAISE PROTECTION CANOPY PIVOTALLY MOUNTED ON CIRCULATION PLATE OF FOLDABLE CANTILEVERED WORKING STRUCTURE

Abstract: The winch (7) has a traction cable (10) intended to raise a protection canopy (6) pivotally mounted on a circulation plate (2) of a foldable cantilevered working structure (1). A leg includes a removable fixing unit connected to a circulation plate of the foldable cantilevered working structure, where the fixing unit is arranged to be in engagement with a housing (9) of the circulation plate of the foldable cantilevered working structure. The fixing unit includes a notch ready to correspond with a mounting rod extending in the housing. An independent claim is also included for a method for raising a protective canopy in a foldable cantilevered working structure.

Classifications:

International (IPC 8-9): B66D3/00 E04G3/20 E04G5/14

CPC: B66C23/203 B66D1/605 E04G2005/008 E04G2011/067 E04G3/20 E04G5/14



Family:

Publication number	Publication date	Application number	Application date
FR2989364 A1	20131018	FR20120053497	20120416
FR2989364 B1	20140411	FR20120053497	20120416

Priority:

FR20120053497 20120416

Probable Assignee:

SATECO SA

Assignee(s): (std):

SATECO SA

Assignee(s):

SATECO

Inventor(s): (std):

BRAUD THIERRY ; MICHENEAU PATRICK

Inventor(s):

PATRICK MICHENEAU ; THIERRY BRAUD

Agent(s):

ARGYMA

23) Family number: 43999725 (FR2930962 A1)

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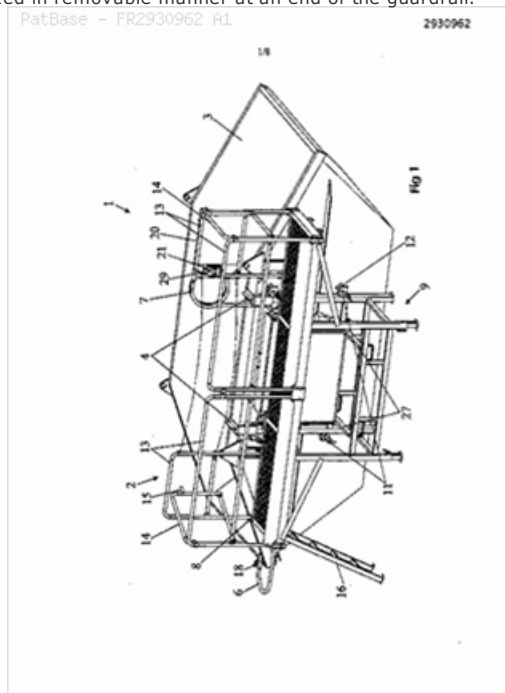
Title: PLATFORM FOR CLEANING CONSTRUCTION SITE MATERIAL E.G. CONCRETE MIX TRUCK'S TROUGH, HAS FOOTBOARD COMBINED WITH REMOVABLE DRUM FOR SIMULTANEOUSLY FORMING CLEANING FLUID RESERVOIR, MATERIAL

Abstract: The platform (1) has a servicing footboard (2) combined with a sealed removable drum (3) for simultaneously forming a cleaning fluid reservoir, a material dipping container and a cleaning residue settling tank. The footboard comprises a frame (9) for supporting a floor (8). The footboard is arranged adjacent to a lateral wall of the drum. A guardrail (13) is arranged at a level of longitudinal sides of the floor. A gate (14) is fixed in removable manner at an end of the guardrail.

Classifications:

International (IPC 8-9): B08B9/08 E04G1/00 E04G1/28 E04G1/38 E04G19/00

CPC: B08B13/00 B08B3/04 B08B9/08



Family:

Publication number	Publication date	Application number	Application date
DE102009019806 A1	20100211	DE200910019806	20090502
FR2930962 A1	20091113	FR20080053011	20080507
FR2930962 B1	20150306	FR20080053011	20080507

Priority:

FR20080053011 20080507

Probable Assignee: HAEMMERLIN SAS SOC PAR ACTIONS

Assignee(s): (std): HAEMMERLIN SAS ; HAEMMERLIN SAS SOC PAR ACTIONS

Assignee(s): HAEMMERLIN SAS SOC PAR ACTIONS SIMPLIFIEE ; HAEMMERLIN SAS SOCIETE PAR ACTIONS SIMPLIFIEE

Inventor(s): (std): MAISCH DIDIER ; MASSE FRANCOIS

Inventor(s): DIDIER MAISCH ; FRANCOIS MASSE

Agent(s): CABINET NUSS; DEJADE AND BISET

24) Family number: 59223773 (US2015129359 AA)

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Title: SELF-CLIMBING SCAFFOLD SYSTEM IN CONSTRUCTION WORKS OF BUILDINGS AND SELF-CLIMBING METHOD

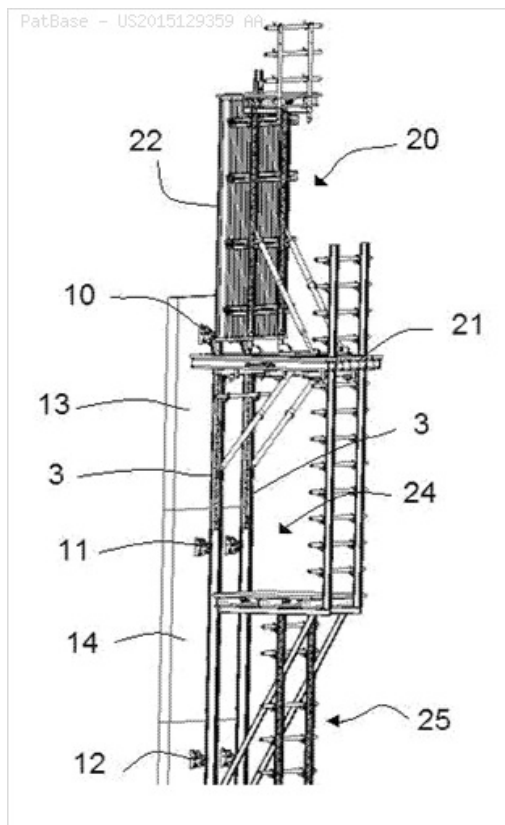
Abstract: A self-climbing scaffold system that includes rails and shoes fixed to concrete sections of a building that are adapted for guiding the rail in a climbing direction Z. The system further includes a guide element pivotally coupled to the rail, the guide element having at least a first guide surface which, in a prior position before a threading position for threading the rail, projects with respect to the rail towards a corresponding concrete section. The first guide surface is adapted for interfacing with the shoe in said prior position and straightening the rail with respect to the shoe as said first guide surface moves in a guided manner in the shoe pivoting with respect to the rail.

Classifications:

International (IPC 8-9): E04G11/28 E04G3/00 E04G3/20 E04G3/28 E04G5/04

CPC: E04G11/28 E04G2003/286 E04G3/20 E04G3/28 E04G5/04

US: 1/1 182/82



Family:

Publication number	Publication date	Application number	Application date
BR102014027745 A2	20150915	BR20141027745	20141106
CA2870412 AA	20150512	CA20142870412	20141112
CA2870412 C	20191112	CA20142870412	20141112
CL2014002952 A1	20150821	CL20140002952	20141030
DE602013016681 D1	20170309	DE201360016681T	20131112
EP2871304 A1	20150513	EP20130382457	20131112
EP2871304 B1	20170118	EP20130382457	20131112
ES2621479 T3	20170704	ES20130382457T	20131112
IN01134KO2014 A	20151120	IN2014KO01134	20141105
MX2014013127 A1	20150528	MX20140013127	20141029
MX347757 B	20170510	MX20140013127	20141029
PE08612015 A1	20150604	PE20140001979	20141105
PE20150861 A1	20150604	PE20140001979	20141105
PL2871304 T3	20170731	PL20130382457T	20131112
US2015129359 AA	20150514	US20140538567	20141111
US9476210 BB	20161025	US20140538567	20141111

Priority:

EP20130382457 20131112

Probable Assignee: ULMA CYE S COOP

Assignee(s): (std): ULMA C Y E S COOP

Assignee(s): EGANA URRUTIA ANDER ; ULMA C Y E S COOP ONATE ; URZELAI EZKIBEL LIBORIO

Inventor(s): (std): ANDER EGANA URRUTIA ; EGANA URRUTIA ANDER ; EZKIBEL LIBORIO URZELAI ; LIBORIO URZELAI EZKIBEL ; URRUTIA ANDER EGANA ; URZELAI EZKIBEL LIBORIO

Agent(s): EDELL SHAPIRO AND FINNAN LLC ; IGARTUA ISMAEL; MARKS AND CLERK

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

25) Family number: 49075445 (EP2503074 A2)

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Title: EXTENDING PLATFORM

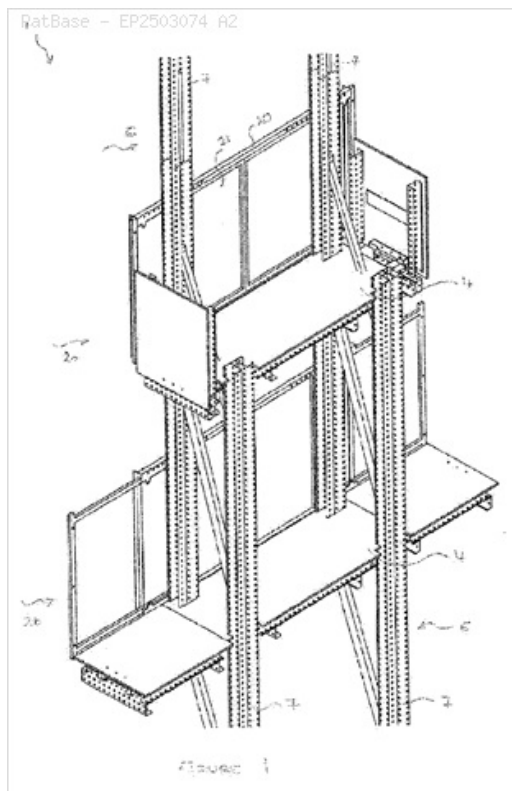
Abstract: A platform providing a work surface, the platform comprising: an extendable support structure (3); a deck (4) mounted on the support structure; a wing (5) rotatably secured to an extending section of the support structure, wherein: in a first configuration, the extending section is retracted and the wing (5) is inactive such that it does not define part of the work surface; and in a second configuration, the support structure is extended and the wing (5) is positioned to be supported by the support structure such that the deck and wing together define the work surface.

Classifications:

International (IPC 8-9): E04G1/15 E04G1/20 E04G21/32 E04G5/08

CPC: E04G21/166 E04G21/3247 E04G3/20 E04G3/28 E04G1/15

E04G1/152 E04G5/08 E04G1/20 E04G21/3219



Family:

Publication number	Publication date	Application number	Application date
DE602012007659 D1	20150716	DE201260007659T	20120110
EP2503074 A2	20120926	EP20120150662	20120110
EP2503074 A3	20140917	EP20120150662	20120110
EP2503074 B1	20150603	EP20120150662	20120110
GB201104939 A0	20110511	GB20110004939	20110324
GB2489667 A1	20121010	GB20110004939	20110324
GB2489667 B2	20130213	GB20110004939	20110324

Priority:

GB20110004939 20110324 EP20120150662 20120110

Probable Assignee: HARSCO INFRASTRUCTURE UK LTD

Assignee(s): (std): HARSCO INFRASTRUCTURE SERVICES LTD ; HARSCO INFRASTRUCTURE UK LTD

Assignee(s): HARSCO INFRASTRUCTURE SERVICES LIMITED ; HARSCO INFRASTRUCTURE UK LTD TAMWORTH

Inventor(s): (std): TAYLOR MARK

Inventor(s): MARK TAYLOR ; TAYLOR MARK BRIGHTON

Agent(s): BOEHMERT AND BOEHMERT ANWALTSPARTNERSCHAFT MBB PATENTANWAELTE RECHTSANWAELTE;
HARDING ANDREW PHILIP

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